FORMER LEXINGTON LAUNDRY SERVICE
BCP No. C224180

853 LEXINGTON AVENUE
BROOKLYN NEW YORK
Block 1643 Lot 70

REMEDIAL INVESTIGATION REPORT

MAY 2014

Prepared for:
853 Lexington LLC
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Prepared By:

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LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
BCP	Brownfields Cleanup Program
BCA	Brownfield Site Cleanup Agreement
ESA	Environmental Site Assessment
EBC	Environmental Business Consultants
IRM	Interim Remedial Measure Work Plan
NYCDEP	New York City Department of Environmental Protection
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PID	Photo-Ionization Detector
RI	Remedial Investigation
RIWR	Remedial Investigation Work Plan
SVOC	Semi-Volatile Organic Compound
UST	Underground Storage Tank
VOC	Volatile Organic Compound

REPORT CERTIFICAION

I, Charles Sosik certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Charles Sosik

Date: 4-15-14

Charles B. Sosik, P.G., P.H.G.

1.0 INTRODUCTION

1.1 Project Background

This Remedial Investigation Report (RIR) was prepared on behalf of 853 Lexington LLC for the property located at 853 Lexington Avenue in the Bedford-Stuyvesant section of Brooklyn, New York. In July 2013, 853 Lexington LLC filed an application with the New York State Department of Environmental Conservation (NYSDEC), to admit the Project Site into the New York State Brownfield Cleanup Program (BCP). The application was deemed complete by the NYSDEC on August 20, 2013. On October 11, 2013, the NYSDEC informed 853 Lexington LLC that the project had been accepted into the BCP with 853 Lexington LLC classified as a "Volunteer". The Brownfield Cleanup Agreement was executed by NYSDEC on January 31, 2014 (Site No. C224180).

The purpose of the Remedial Investigation (RI) is to collect data of sufficient quality and quantity to characterize the nature and extent of chlorinated solvent contamination in on-site soil, groundwater and soil gas, to complete a qualitative exposure assessment for future occupants of the buildings and the surrounding community and to evaluate alternatives to remediate the contamination.

The overall objectives of the project are to prepare the site for residential use as defined in the Brownfield Cleanup Agreement and to remediate known and unknown environmental conditions at the site to the satisfaction of the NYSDEC and the New York State Department of Health (NYSDOH).

The field work portion of the RI was initially conducted by EBC from May 22 through May 31, 2012 under the New York City Voluntary Cleanup Program (VCP) in accordance with the NYC Office of Environmental Remediation (OER) approved Remedial Investigation (RI) Work Plan. Based on the results of the initial investigation the project was referred to the NYSDEC and accepted into the BCP. A supplemental RI was completed from January 6 through January 2014 in accordance with the protocols and methods as established in the NYSDEC approved Remedial Investigation Work Plan (EBC 11/13, revised 12/13).

1.2 Site Location and Description

The address for the subject property is 853 Lexington Avenue, Brooklyn, New York 11211. The subject property is designated as Block 1623, Lot 70 by the New York City Department of Assessment. The subject property is located in the City of New York and Borough of Brooklyn (Kings County) as shown on **Figure 1**. The lot has 73.62 feet of frontage on Lexington Avenue and is approximately 100 feet deep for a total area of 7,358 square feet (0.17 acres). The subject Site is currently developed with a two-story commercial warehouse occupying the entire Lot (**see Figure 2 – Site Plan**).

The elevation of the property is approximately 39 feet above the National Geodetic Vertical Datum (NGVD) feet. Based on measurements made at the Site as part of the Remedial Investigation, the depth to groundwater beneath the site is approximately 43 feet below existing grade and flows northwest toward the East River.

The area surrounding the site includes underutilized, or vacant, commercial properties to the west, single family residential homes, a vacant lot and an adult day care center for Alzheimer patients to the south, a vacant commercial building and a church to the east and single family residential homes to the north.

1.3 Redevelopment Plans

The Site is to be repurposed through renovations and additions to the existing two-story vacant commercial building into a six-story residential apartment building. The renovated building will cover 100% of the lot, with the current cellar, encompassing approximately 35% of the lot, remaining. The existing foundation will require minimal excavation; due to the use of the original structure, with only excavation for the elevator pit taking place in the current cellar. Excavation and soil disturbance will occur on the west and southeastern portions of the lot for installation of support footing and beams, and the southern portion of the cellar for the elevator pit. Perimeter footing excavation dimensions will range from 3ft x 3ft x 4ft to 3.5ft x 5ft x 4ft. Each interior footing excavation will measure approximately 5ft x 5ft and will be excavated to a depth of 2 feet below grade. Additional structural excavation will take place around the perimeter of the lot as well as a 10ftx8ftx5ft excavation in the cellar for the elevator pit. A copy of the first floor excavation plans is attached in **Appendix A**.

1.4 Summary of Previous Investigations

Environmental investigations performed at the Site include the following:

- Phase I Environmental Site Assessment, 853-855 Lexington Avenue, NY. Singer Environmental Group, LTD., November 23, 2012.

- Phase II Subsurface Investigation, 853 Lexington Avenue, Brooklyn, NY. EBC, Environmental Business Consultants, June 2013.

1.4.1 November 2012 – Phase I Environmental Site Assessment Report (SEG)

A Phase I Environmental Site Assessment (ESA) report was prepared by Singer Environmental Group (SEG) in November 2012.

A Phase I was completed by Singer Environmental Group, LTD. in 2012. A history dating back to 1908 was established. According to NYC Oasis information the current building was constructed in 1931. A review of Sanborn maps showed occupancy by HC Bohack Co, in 1908, a laundry facility in 1932, followed by a commercial laundry facility in 1932 through sometime prior to 1951. From 1951 to at least 2007, several furniture manufacturers occupied the building.

Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, Singer Environmental Group, LTD identified the following recognized environmental conditions:

The subject property is listed as an "E" designated site with the NYC department of City Planning for "Hazmat/Noise/Air".

1.4.2 June 2013 – Phase II Subsurface Investigation (EBC)

On May 22, 2013, a total of five soil borings (B1 through B5) were performed as part of the environmental review required under the NYC Voluntary Cleanup Program. For each of the five soil borings, soil samples were collected continuously from grade to a final depth of 10 feet below existing grade using Geoprobe direct-push equipment. In accordance with NYC OER sampling requirements, soil samples were retained from the intervals 0 to 2 feet below grade and 4 to 6 feet below grade. Groundwater samples were collected from three of the boring locations (B1 through B3) through temporary monitoring wells installed at a depth of approximately 5 feet below the water table interface. Soil and groundwater investigation activities were limited to the ground level of the Site due to access restrictions. No soil gas samples were obtained from the cellar level due to flooding.

All retained soil and groundwater samples were analyzed for VOCs by EPA Methos 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals.

To evaluate VOCs in soil gas beneath the building, four soil gas samples were collected from sub-slab vapor. Soil gas samples were analyzed for VOCs by EPA Method TO15.

The results of this investigation are discussed in detail in the following sections.

Copies of previous investigation reports are provided in digital format in **Appendix B**.

2.0 REMEDIAL INVESTIGATION

2.1 Field Investigation

The field work portion of the RI was initially conducted by EBC from May 22 through May 31, 2012 under the New York City Voluntary Cleanup Program (VCP) in accordance with the NYC Office of Environmental Remediation (OER) approved Remedial Investigation (RI) Work Plan. Based on the results of the initial investigation the project was referred to the NYSDEC and accepted into the BCP. A supplemental RI was completed from January 6 through January 8, 2014 in accordance with the protocols and methods as established in the NYSDEC approved Remedial Investigation Work Plan (EBC 11/13, revised 12/13).

The field investigation consisted of environmental sampling, field observations and measurements to determine:

- Local geologic/hydrogeologic conditions
- Definition of source areas
- Potential migration of contaminants from the site to surrounding areas
- Overall characterization of site-related contamination in all media

The field effort included completion of a geophysical survey to locate any subsurface structures, underground utility conduits and potential vapor pathways and the collection and analysis of soil, groundwater and soil gas samples. Drilling services were provided by Eastern Environmental Services (Eastern) of Manorville, NY. Laboratory services were provided by Phoenix Environmental Laboratories of Manchester, CT (NYSDOH 11301). A sample matrix showing the number, type and analysis of samples collected during the Remedial Investigation is provided as **Table 1**. It is anticipated that a Track 2 cleanup will be achieved for this Site.

2.2 Deviations from the Remedial Investigation Work Plan

Boring location B6 was relocated approximately 10 feet north of the proposed location due to the presence of refusal at several locations adjacent to the proposed location. There were no other deviations in implementing the approved RIWP.

2.3 Soil Sampling

2.3.1 Soil Borings

On May 22, 2013, 5 soil borings were advanced to properly characterize the site for potential environmental impacts. A total of 8 soil borings were later advanced on January 6 and January 7, 2014 to identify source areas and to obtain general soil quality information both within and below the fill materials present at the site. Drilling services were provided by Eastern Environmental Services of Manorville, NY.

Prior to drilling activities a geophysical survey was conducted onsite on January 6, 2014 by NOVA

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Geophysical Services of Douglaston, NY. NOVA performed geophysical surveys consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) and comprehensive subsurface utility (CSUL) surveys. The survey identified subsurface utility pipes (electric, gas, sewer, water, etc) located along the south side of the property, Lexington Avenue. The majority of utility conduits were mounted to the ceiling of the ground floor, with underground lines limited to connections to/from Lexington Avenue. A copy of the Geophysical Survey Report is included in **Appendix C**.

A total of 13 borings were advanced across the Site. Borings B1 through B10 were completed throughout the ground floor level of the property using a track mounted probe drilling machine. Borings B11 through B13 were completed in the cellar using a hand sampler. The location of soil borings are shown on **Figure 3**. Each soil sample recovered from the soil borings was characterized by an experienced Environmental Scientist and field screened for the presence of VOCs using a photo-ionization detector (PID). Field observations and PID readings were recorded for each boring in a soil boring log (see **Appendix D**).

For borings B1-B10 soil samples were collected continuously in 5-foot intervals from grade to final depths ranging from 10 feet to 45 feet below existing grade using a Geoprobe™ 6620DT, probe drilling machine. The Geoprobe™ system uses a direct push hydraulic percussion system to drive and retrieve core samplers. Soil samples were retrieved using a 1.5-inch diameter, 5-foot long dual-tube sampler with disposable acetate liners. No PID readings above background concentrations or physical evidence of contamination was noted in any of the soil samples recovered.

Soil borings (B11-B13) located within the cellar level of the existing building, were completed utilizing a 2-foot long AMS Dual-Purpose Soil Recovery Probe with disposable plastic liners and a slide hammer. Soil was collected continuously from cellar slab grade to final depths of 8 feet below existing grade. No PID readings above background concentrations or physical evidence of contamination was noted in any of the soil samples recovered the cellar level.

Two soil samples were retained from borings B1 through B5. Retained samples were collected from the 0 to 2 foot and 4 to 6 foot intervals. Three soil samples were retained from borings B6 through B10. Retained samples were collected from the 0 to 2 foot, 10 to 12 foot and 43 to 45 foot intervals. Two soil samples were retained from borings B11 through B13. Retained samples were collected from the 0 to 2 foot and the 6 to 8 foot intervals. All samples were submitted for laboratory analysis of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, TAL Metals, pesticides and PCBs by EPA Method 8081/8082.

2.4 Monitoring Well Installation

Four groundwater monitoring wells, MW1 through MW3, were installed in May 2013 and one groundwater monitoring well, MW4, was installed in January 2014. The temporary wells were installed at a depth of 50 feet below grade with 10 feet of 0.010 PVC well screen and 40 feet of PVC riser.

A No.00 morie filter sand was placed in the borehole to within 2 feet above the top of the screen. A 1-foot hydrated bentonite seal was then placed on top of the filter sand and the remainder of the borehole was backfilled to grade. Well construction logs are provided in **Appendix E**. Following installation, each of the existing and new wells were surveyed to determine relative casing elevation

to the nearest 0.01 ft and horizontal position to the nearest 0.1 ft (**Table 2**).

Prior to sampling, a synoptic round of depth-to-groundwater (DTW) measurements was obtained from the new and existing wells on January 8, 2014 to determine the water table elevation and to calculate the volume of standing water in the well. The depth to groundwater ranged from approximately 41.51 to 41.85 feet below surface grade. Monitoring well locations are shown on **Figure 4**. A groundwater elevation map is provided in **Figure 5**.

2.4.1 Groundwater Sampling

Groundwater samples were obtained from existing monitoring wells MW1 through MW3 on May 31, 2013 and from MW1 through MW4 on January 8, 2014.

Samples were collected in accordance with the procedures outlined in Section 2.2 of the approved RIWP. A peristaltic pump and polyethylene sampling tube fitted with a stainless steel check valve was used to purge and collect samples from each well location. Sample tubing and the silicone pump tubing were replaced between each sample location. Samples were collected directly into pre-cleaned laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix Environmental Laboratories of Manchester, CT, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All purging and sampling data was recorded on dedicated well sampling forms (**Appendix F)**.

All groundwater samples from the temporary monitoring wells were analyzed for VOCs / SVOCs by EPA method 8260 / 8270, target analyte list (TAL) metals (total, dissolved) and pesticides/PCBs by Method 8081/8082.

2.5 Soil Vapor Sampling

Four sub-slab vapor samples (SG1 through SG4) were collected across the Site on May 31, 2013. On January 8, 2014, 3 sub-slab soil vapor samples (SG5 through SG7) were collected from the perimeter of the Site on the ground level and 3 sub-slab soil vapor samples (SG8 through SG10) were collected from the cellar level . In addition to the sub-slab samples, one indoor air sample (IA1) and one outdoor ambient air sample (OA1) were also collected at this time. Soil gas sampling locations are shown on **Figure 6**. All soil gas samples were collected over a 2-hr sampling period.

Soil vapor, indoor and outdoor ambient air samples were collected in accordance with the procedures as described in section 2.2.1 of the approved RIWP and the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH 10/06).*

2.5.1 Installation of Soil Gas Implants

Sub-slab soil vapor probes were installed by drilling a 1/2 inch hole through the concrete slab with a handheld drill and inserting 1/4 inch polyethylene tubing to no more than 2 inches below the base of the slab. All of the probes were installed utilizing the same technique to minimize possible discrepancies. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. The tubing was then sealed at the surface with hydrated granular bentonite and a 12” x 12” (approx.) plastic sheet.

2.5.2 Surface Seal Test Procedure

In accordance with NYSDOH guidance, 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. This was accomplished 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).

The tracer gas test procedure was employed at all 6 soil gas sampling locations. All seals tested tight with no infiltration of helium through the surface.

2.5.3 Soil Gas Sample Collection

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the sample probe and tube) were purged with a handheld vacuum pump prior to collecting the samples to ensure samples collected were representative. After purging, a 6-liter summa canister, fitted with a 2-hour flow regulator was attached to the surface tube of each of the sampling points and the valve opened to initiate sampling. 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 (**Appendix G**). When the remaining vacuum in the canisters was between 5 and 8 inches Hg, (approximately 2 hrs) the valve was closed and the canisters were detached from the sampling tube.

Sample canisters were returned to the EBC office and picked up the following day by a Phoenix laboratory courier and delivered to the laboratory for analysis of VOCs by USEPA Method TO-15.

2.6 Laboratory Analysis

Data tables summarizing the laboratory results are provided in **Tables 3** through **14** and copies of the laboratory reports (with chains-of-custody) are included in digital format in **Appendix H**. Soil sample results were compared to both Unrestricted Use and Restricted Residential Soil Cleanup Objectives (SCOs) as promulgated in 6 NYCRR Subpart 375-6. Groundwater results were compared to NYSDEC Division of Water, Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values (AWQS), June 1998. Soil gas analytical results were compared to Outdoor Background Levels for Selected Compounds and sub-slab and indoor air guidance levels as presented in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, 2002). **Table 13** contains a list of parameters detected above Track 1 unrestricted soil cleanup objectives and the range in detections. **Table 14** contains a list of parameters detected above ambient groundwater standards and the range in detections.

2.6.1 Analytical Results – Soil Samples

A total of 31 soil samples were collected from 13 soil borings for laboratory analysis of VOCs/ SVOCs by EPA method 8260/8270, target analyte list (TAL) metals and pesticides/PCBs by Method 8081/8082. All results above Unrestricted Use SCOs are posted on **Figure 7**.

As shown in **Tables 3**, VOCs were detected at concentrations above Unrestricted Use SCOs in the following samples:

B1 (0-2ft) – Acetone (130 µg/kg)
B1 (4-8ft) – Acetone (77 µg/kg)

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B3 (4-8ft) – Acetone (76 µg/kg)
B4 (0-2ft) – Tetrachloroethene (12,000 µg/kg)
B4 (4-8ft) – Tetrachloroethene (9,000 µg/kg)
B6 (43-45ft) – Acetone (86 µg/kg)
B9 (0-2ft) – Acetone (140 µg/kg)
B10 (0-2ft) – Acetone (210 µg/kg)
B12 (0-2ft) – Acetone (55 µg/kg)
B12 (6-8ft) – Acetone (150 µg/kg)
B13 (0-2ft) – Acetone (160 µg/kg)
B13 (6-8ft) – Acetone (190 µg/kg)

There were no other VOCs detected above Unrestricted SCOs in any of the remaining samples.

As shown in **Table 4,** SVOCs were detected at concentrations above Restricted Residential SCOs in the following samples:

B1 (0-2ft) – Benz(a)anthracene (4,300 µg/kg), benzo(a)pyrene (3,500 µg/kg), benzo(b)fluoranthene (4,000 µg/kg), benzo(k)fluoranthene (1,300 µg/kg), chrysene (4,900 µg/kg), dibenzo(ah)anthracene (560 µg/kg), and indeno(123-cd)pyrene (2,000 µg/kg)
B3 (0-2ft) – Benz(a)anthracene (2,000 µg/kg), benzo(a)pyrene (1,500 µg/kg), benzo(b)fluoranthene (1,900 µg/kg), chrysene (2,200 µg/kg), dibenzo(ah)anthracene (330 µg/kg), and indeno(123-cd)pyrene (870 µg/kg)
B3 (4-6ft) – Benz(a)anthracene (1,600 µg/kg), benzo(a)pyrene (1,200 µg/kg), benzo(b)fluoranthene (1,600 µg/kg), chrysene (1,800 µg/kg), and indeno(123-cd)pyrene (690 µg/kg)

There were no other SVOCs detected above Unrestricted SCOs in any of the remaining samples.

As shown in **Table 5,** one pesticide, 4,4'-DDE was detected above Unrestricted Use SCOs in two of the 31 soil samples collected:

B1 (0-2ft) – 4,4'-DDE (4.4 µg/kg)
B3 (4-6ft) – 4,4'-DDE (3.6 µg/kg)

There were no other pesticides detected above Unrestricted SCOs in any of the remaining samples.

As shown in **Table 5** no PCBs were detected in any of the 31 soil samples collected at the Site.

As shown in **Table 6,** Metals were detected at concentrations above Unrestricted Use SCOs in the following samples:

B2 (0-2ft) – Zinc (152 mg/kg)
B3 (0-2ft) – Lead (66 mg/kg)
B4 (0-2ft) – Lead (64 mg/kg)
B7 (0-2ft) – Lead (127 mg/kg), zinc (176 mg/kg)

B7 (10-12ft) – Nickel (30.2 mg/kg)
B8 (43-46ft) – Nickel (35.3 mg/kg)
B13 (0-2ft) – Nickel (43.5 mg/kg)

As shown in **Table 6,** Metals were detected at concentrations above Restricted Residential SCOs in the following samples:

B1 (0-2ft) – Mercury (1.47 mg/kg)
B4 (0-2ft) – Barium (1,140 mg/kg)

2.6.2 Analytical Results – Groundwater Samples

Analytical results for VOCs, as summarized in **Table 7**, identified two chlorinated VOCs, tetrachloroethene (PCE) and trichloroethene (TCE), detected above its groundwater standard in all three monitoring wells during the May 2013 sampling event. TCE was reported above standards in all four wells during the January 2014 sampling event while PCE was non-detect in all wells.

PCE concentrations ranged from 15 µg/L in MW2 on the southwestern portion of the Site to 110 µg/L in MW3 located on the northwestern portion of the property, during the May 2013 sampling event. PCE non-detect in all wells during the January 2014 sampling event.

TCE concentrations ranged from 23 µg/L in MW2 on the southwestern portion of the Site to 85 µg/L in MW3 located on the northwestern portion of the property, during the May 2013 sampling event. TCE concentrations ranged from 17 µg/L in MW2 to 120 µg/L in MW4 located in the central portion of the Site, during the January 2014 sampling event.

As summarized in **Table 8**, one or more SVOC parameters were detected at concentrations above water quality standards in all 4 temporary wells.

Detected SVOCs included benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. Total SVOC concentrations in samples with individual parameters above standards ranged from 0.341 µg/L in MW1 to 42.18 µg/L in MW3 during the May 2013 sampling event and 0.05 µg/L in MW4 to 3.82 µg/L in MW3 during the January 2014 sampling event.

Parameters reported above groundwater standards are presented in **Figure 8**. As shown in **Table 9,** there were no reported detections of pesticides or PCBs above water quality standards.
As shown in **Table 10,** the total concentration (unfiltered) of one or more of the metals beryllium, cadmium, copper, chromium, iron, lead, magnesium, manganese, nickel and sodium were reported in one or more of each of the 4 temporary well groundwater samples above water quality standards during each sampling event.

As shown in **Table 11**, the dissolved concentration of the metals manganese and sodium were reported in all of the groundwater samples above their corresponding water quality standards. These parameters are associated with background water quality throughout most of northern Brooklyn and are also associated with brackish water conditions.

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2.6.3 Analytical Results – Soil Gas Samples

Since the NYSDOH has not established guidance values for VOCs in soil gas, analytical results were compared to the Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values, 2003) and to sub-slab guidance levels for select parameters as presented in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. Indoor air values were compared to NYSDOH maximum indoor air guidance levels.

Multiple VOCs were detected above the laboratory method detection limit in each of the 10 soil gas samples as well as indoor and outdoor samples collected (**Table 12**). Total petroleum related volatile organic compounds (BTEX) were generally low throughout the Site and the cellar ranging from 5.24 µg/m^3 in SG1 located south of the cellar to 48.35 µg/m^3 in SG2 located on the southwestern portion of the property. Total BTEX concentrations for indoor and outdoor air samples were 9.57 µg/m^3 and 4.08 µg/m^3, respectively.

Chlorinated VOCs (CVOCs) were reported in all soil gas samples at concentrations ranging from 3.44 µg/m^3 in SG10 located on the southern portion of the cellar to 12,582 µg/m^3 in SG2 located on the southwestern portion of the property. CVOC concentrations for indoor and outdoor air samples were 77.44 µg/m^3 and 1.80 µg/m^3, respectively. Tetrachloroethene (PCE) was reported above the maximum sub-slab value of 100 µg/m^3 (above which monitoring is recommended) in 7 of the 10 sub-slab soil gas locations and ranged from 187 µg/m^3 in SG5to 10,400 µg/m^3 in SG3. Trichloroethene (TCE) was reported above the maximum sub-slab value of 5 µg/m^3 (above which monitoring is recommended) in 9 of the 10 soil gas samples as well as the indoor air samples at concentrations ranging from 17 µg/m^3 in IA1 to 3,290 µg/m^3 in SG2. Carbon tetrachloride was detected in all samples at concentrations below its maximum sub-slab value. 1,1,1-Trichloroethane was not detected in any of the samples collected.

Soil gas results are summarized in **Table 12** and posted on **Figure 9.**

2.6.4 Data Usability Summary Report

Data validation services have been requested from Environmental Data Validations Inc. of Pittsburgh, Pennsylvania, and will be submitted to the NYSDEC and is expected to be completed within 30 business days.

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3.0 HYDROGEOLOGIC ASSESSMENT AND PHYSICAL SETTING

3.1 Site Topography

The topography of the site and surrounding area was reviewed from the USGS 7.5 minute series topographic map for the Brooklyn Quadrangle. The elevation of the property is approximately 54 feet above mean sea level.

3.2 Surrounding Land Use

The surrounding land use includes underutilized, or vacant, commercial properties to the west, single family residential homes, a vacant lot and an adult care center for Alzheimer patients to the south, a vacant commercial building and a church to the east and single family residential homes to the north. The area surrounding the property is highly urbanized and predominately consists of multi-family residential buildings with mixed-use buildings (residential w/ first floor retail) along main artery corridors such as Broadway located just 500 feet to the northeast. Commercial/industrial properties, equipment yards and warehouses are interspersed with the residential properties as are institutions such as parks, schools, churches and playgrounds within a quarter mile of the Site in all directions.

3.3 Regional Geology / Hydrogeology

The geologic setting of Long Island is well documented and consists of crystalline bedrock overlain by layers of unconsolidated deposits. According to geologic maps of the area created by the United States Geologic Survey (USGS), the bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. The depth to bedrock is greater than 100 feet below the surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and / or other materials have been historically used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas.

3.4 Site Geology / Hydrogeology

Subsurface soils at the site include a silty non-native fill with bricks, coal ash and other rubble to a depth of approximately 5 feet below grade. Native fine brown silty-sands and clays are present beneath the historic fill material to a depth of approximately 15 feet below grade followed by coarse grained gravelly sands to a depth of at least 45 feet below grade.

Groundwater at the Site is present at a depth of approximately 41 feet below surface grade within the native silty-sand. Depth to water measurements were taken on January 8, 2014. Well casings were surveyed on January 8, 2014 (see **Table 2**). The well casing elevation and depth to water measurements were used to create a groundwater elevation map (**Figure 5).** As shown in the figure, groundwater flow is generally from the southeast to the northwest.

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4.0 NATURE AND EXTENT OF CONTAMINATION

4.1 Identification of Source Areas

The historic use of the Site as a commercial laundry facility combined with the site-wide PCE/TCE detections in soil and soil gas is evidence that CVOC contamination at the Site is related to an on-site release and historic use. TCE was also reported above NYSDEC groundwater standards in all monitoring wells. The most likely release scenario would include surface spills from the use and or storage of spent or new solvent.

With the exception of a common laboratory associated contaminant, acetone, only one VOC, PCE, was identified above Unrestricted Use SCOs in one soil boring, B4. Both TCE and PCE were detected in several other soil samples obtained across the site, however, at concentrations below unrestricted use SCOs. PCE at the B4 location was reported at a concentration of 12,000 µg/kg at the 0-2 ft interval and at a concentration of 9,100 µg/kg at the 4-6 ft interval. No other source areas were identified during this RI. Slightly elevated levels of SVOCs and metals reported in shallow soil throughout the site are characteristic of the historic fill materials present at the Site and throughout the area.

4.2 Groundwater Impacts

PCE was detected above Groundwater Standards in all three groundwater samples collected during the May 2013 sampling event (MW1 through MW3) and ranged from 15 µg/L in MW 2 to 110 µg/L in MW3. PCE was not detected in any of the four groundwater samples collected during the January 2014 sampling event. TCE was detected above Groundwater Standards in all samples collected during both the May 2013 and January 2014 sampling events. TCE concentrations identified during the January 2014 sampling event showed an average concentration reduction of 58%. The distribution is such that the highest concentration of TCE is located in the central and northern, downgradient, portion of the site, in correlation with the identified source area, B4.

No petroleum VOC impacts were detected in groundwater. SVOC parameters were detected throughout the Site, with the highest concentrations located along the northern, downgradient, portion of the property in correlation to the area which exhibited high SVOC concentrations in soil.

4.3 Soil-Gas Impacts

Total petroleum related volatile organic compounds (BTEX) were generally low around the perimeter of the Site and the cellar ranging from 20.63 µg/m^3 in SG6 located adjacent to the southwest property line to 47.63 µg/m^3 in SG5 located adjacent to the southern property line in the central portion of the property. Total BTEX concentrations for indoor and outdoor air samples were 9.57 µg/m^3 and 4.08 µg/m^3, respectively.

Chlorinated VOCs (CVOCs) were reported in all soil gas samples at concentrations ranging from 3.44 µg/m^3 in SG10 located on the southern portion of the cellar to 971.44 µg/m^3 in SG located on the northwestern portion of the property. CVOC concentrations for indoor and outdoor air samples were 77.44 µg/m^3 and 1.80 µg/m^3, respectively. Tetrachloroethene (PCE) was reported above the

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maximum sub-slab value of 100 µg/m^3 (above which monitoring is recommended) in four of the 6 sub-slab soil gas locations and ranged from 187 µg/m^3 in SG5 to 874 µg/m^3 in SG8. Trichloroethene (TCE) was reported above the maximum sub-slab value of 5 µg/m^3 (above which monitoring is recommended) in five of the six soil gas samples as well as the indoor air sample at concentrations ranging from 17 µg/m^3 in IA1 to 324 µg/m^3 in SG7. Carbon tetrachloride was detected in all 8 samples at concentrations below its maximum sub-slab value. 1,1,1-Trichloroethen was not detected in any of the eight samples collected.

4.4 Site Conceptual Model

Contaminants of concern at the Site include CVOCs (PCE and TCE) in soil, soil gas and groundwater. CVOC contamination at the Site consists of PCE in shallow soil at boring location B4 to a depth of 6 feet below grade in the central portion of the property above unrestricted use SCOs, PCE and TCE, in soil gas across the Site, and TCE and / or in groundwater above their respective NYSDEC standards and NYSDOH guidance values.

Sanborn fire insurance maps identify a laundry facility operating at the Site in 1932 and potentially operating through 1951. At this time, the release scenario is unknown but could have occurred at any time between 1932 and 1951 during the operation of the laundry facility through releases associated with daily activities or storage of chlorinated solvents.

Under this scenario chlorinated compounds may have entered the subsurface through cracks or other voids in the concrete floor. Based upon the relatively low concentrations of PCE and TCE reported in groundwater, 41 feet below grade, and their absence in deep soils, it is unlikely that affected soil is or has come into contact with the groundwater. This suggests that PCE contamination in groundwater occurred through the vertical transport of dissolved components to the water table. This is a fairly common scenario at such facilities where water used in laundry operations spills and puddles onto the floor enters the ground through cracks and gaps in the floor. The water then passes through a shallow zone of impacted soil where it picks up contaminants and transports them to the water table.

The elevated concentrations detected in soil gas are associated with off-gassing from the impacted soil at the B4 source area. It is unlikely that dissolved components in groundwater would be contributing to soil gas concentrations due to the low levels in groundwater and the depth to the water table below the building slab.

5.0 QUALITATIVE EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment under the BCP is to identify potential receptors to the contaminants of concern (COC) that are present at, or migrating from, the site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur. An exposure pathway has five elements; a contaminant source, release and transport mechanisms, point of exposure, route of exposure and a receptor population.

The potential exposure pathways identified below, represent both current and future exposure scenarios.

5.1 Contaminant Source

The source of CVOCs detected in soil at the site is indicative of surface spills of PCE dry cleaning solvent associated with historic use of the property as a commercial laundry service facility, which migrated through cracks or other voids in the concrete floor.

Elevated levels of SVOCs and metals are also present in fill materials throughout the Site.

5.2 Contaminant Release and Transport Mechanism

CVOCs present in on-site shallow soils are volatilizing to air contributing to elevated levels of contamination in soil gas, as seen in analytical results from sub-slab soil gas samples SG1 through SG9. There does not appear to be a correlation between CVOC contamination in shallow soil and that in groundwater, based upon the relatively low concentrations of PCE and TCE reported in groundwater, 41 feet below grade, and deep soils it is unlikely that affected soil is or has come into contact with the groundwater. This suggests that PCE contamination in groundwater occurred through the vertical transport of dissolved components to the water table. This is a fairly common scenario at such facilities where water used in laundry operations spills and puddles onto the floor enters the ground through cracks and gaps in the floor. The water then passes through a shallow zone of impacted soil where it picks up contaminants and transports them to the water table.

A correlation can be seen between the highest CVOC levels in shallow soil and the highest CVOC levels in soil gas samples at some of the locations.

5.3 Point of Exposure, Route of Exposure and Potentially Exposed Populations

Potential On-Site Exposures: Remediation workers and construction workers engaged in the excavation of impacted and non-impacted soil at the site may be exposed to SVOCs, CVOCs and heavy metals through several routes. Workers excavating impacted soil may be exposed to SVOCs, and heavy metals through inhalation, ingestion and dermal contact. Workers excavating non-impacted soil may be exposed to CVOCs in soil gas through inhalation. A site specific Health and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers.

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Under a future scenario, residents within the proposed buildings may be exposed to vapor intrusion if remediation of the source area is not completed, and if preventive measures are not incorporated into the new building design to protect against contaminated soil vapor intrusion. This potential route of exposure will be reduced in response to the degree and success of source area remediation.

Potential Off-Site Exposures: The entire area is serviced by the New York City Water System which distributes water from the Croton Reservoir system. Since there are no public or private potable supply wells in the area, exposure from contact with tap water is not a concern. Off-site exposure is therefore limited to vapor intrusion from CVOCs off-gassing from impacted groundwater migrating beneath the Site. The potentially exposed population in this case would include residents and commercial workers in adjacent buildings.

Potential Off-Site Environmental Impacts: Since CVOCs in groundwater may be migrating beneath the site at low concentrations in a northwesterly direction, the groundwater to surface water discharge pathway was evaluated. Wallabout Channel is located approximately 2.3 miles northwest. Based upon the concentrations of CVOC contaminants currently in groundwater beneath the Site and the distance and position of the Site relative to Wallabout Channel, there are no expected impacts to surface water environments from contaminants migrating beneath the Site.

6.0 CONCLUSIONS AND RECOMENDATIONS

Subsurface soils at the site include a silty non-native fill with bricks, coal ash and other rubble to a depth of approximately 5 feet below grade. Native fine brown silty-sands and clays are present beneath the historic fill material to a depth of approximately 15 feet below grade followed by coarse grained gravelly sands to a depth of at least 45 feet below grade. The fill material contains elevated levels of SVOCs and metals.

Groundwater at the Site is present at a depth of approximately 41 feet below surface grade within the native silty-sand and flows in a northwesterly direction.

The results of sampling performed during this RI, identified CVOC contamination, consisting mainly of PCE in shallow soil to a depth of 6 feet below grade in the central portion of the property. This contamination is likely related to intermittent surface spills which occurred during the historic use of the property as a commercial laundry facility and which then migrated through cracks or other voids in the concrete floor. The timing and scenario of the release(s) are unknown but could have occurred at any time between 1932 and 1951 during the operation of the laundry facility through releases associated with daily activities or the storage of chlorinated solvents.

Groundwater samples obtained from on-site monitoring wells indicate relatively low levels of PCE and / or TCE present across the Site. Based on the shallow extent of soil impact and the generally low concentrations reported in groundwater, PCE was likely transported to the water table as a dissolved component. This is a fairly common scenario at such facilities where water used in laundry operations spills and puddles onto the floor enters the ground through cracks and gaps in the floor. The water then passes through a shallow zone of impacted soil where it picks up contaminants and transports them to the water table.

Off-gassing is occurring from impacted shallow soils resulting in elevated concentrations of PCE and TCE in soil gas. The highest concentrations of both PCE and TCE in soil vapor were located in the central and northern portions of the property, consistent with the areas of CVOC detections in shallow soil.

The qualitative exposure assessment identified potential completed routes of exposure to construction workers and remediation workers through inhalation, ingestion and dermal contact during excavation activities. The Health and Safety Plan prepared for the site identifies such exposures and provides instructions for on-site workers to minimize potential exposure. Occupants in the proposed on-site residential buildings may be exposed to CVOCs through the vapor intrusion pathway, if preventative measures are not incorporated unto the design of the new building.

The exposure assessment also identified potential exposure to commercial workers and residents in adjacent buildings through vapors off-gassing from impacted soil beneath the Site.

Potential environmental impacts through the groundwater to surface water discharge are unlikely based upon the concentrations of CVOCs in groundwater (maximum concentration of 120 µg/L) and distance to Wallabout Channel (approximately 2.3 miles).

Recommendations include excavation and disposal of CVOC contaminated soil within the source

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area and the characterization, proper handling and disposal of all soils excavated for structural elements.

Potential soil vapor impact should be re-evaluated following the completion of remedial activities to determine if conditions improve to the point where active mitigation is unnecessary. Further evaluation of vapor intrusion can also be performed following implementation of the RAWP to determine if the design elements of a subslab depressurization system should then be incorporated into the Remedial Action Work Plan for the Site as a contingency, should the potential for vapor intrusion remain following the removal of the source area.

7.0 REFERENCES

6 NYCRR Part 375 Environmental Remediation Programs Subparts 375-1, 375-3 and 375-6

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TABLES

TABLE 1
SUMMARY OF
SAMPLING PROGRAM RATIONALE AND ANALYSIS

Matrix	Location	Approximate Number of Samples	Rationale for Sampling	Laboratory Analysis
Subsurface soil (May 2013) (0 to 10 feet bgs)	5 borings throughout the first floor as per Figure 3	10	To characterize the sub-surface soil across the site from 0-10 feet below grade.	VOCs EPA Method 8260B, SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Subsurface soil (January 2014) (0 to 50 feet bgs)	5 delineation borings throughout the first floor as per Figure 3	15	To characterize the sub-surface soil across the site from 0-50 feet below grade.	VOCs EPA Method 8260B, SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Subsurface soil (January 2014) (0 to 8 feet bgs)	3 borings in the cellar area located on the northwestern portion of the property.	6	To evaluate soil quality of CVOCs, urban fill materials and native soil below exisiting cellar level.	VOCs EPA Method 8260B, SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Total (Soils)		31		
Groundwater (May 2013)	4 groundwater samples from monitoring wells installed throughout the first floor as per Figure 4	4	Evaluate groundwater quality across the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Groundwater (January 2014)	5 groundwater samples from 4 existing monitoring wells and one newly installed monitoring well throughout the first floor as per Figure 4.	5	Evaluate groundwater quality across the Site.	VOCs EPA Method 8260B, SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Total (Soils)		9		
Soil Gas (sub-slab) (May 2013)	4 sub-slab soil gas implants installed across the Site as per Figure 5.	4	Evaluate soil gas at perimeter and across Site.	VOCs EPA Method TO15
Soil Gas (sub-slab) (January 2014)	3 sub-slab soil gas implants to be installed at the Site perimeter on the ground level and 3 sub-slab soil gas implants will be installed across cellar level as per Figure 5.	6	Evaluate soil gas at perimeter and beneath the cellar slab of the Site.	VOCs EPA Method TO15
Soil Gas (sub-slab) (January 2014)	One indoor and one outdoor sample collected from the ground level as per Figure 5.	2	Evaluate indoor and ambient air quality.	VOCs EPA Method TO15
Total (Soil Gas)		12		
MS/MSD	Matrix spike and Matrix spike duplicates at the rate 5%	2	To meet requirements of QA / QC program	1 MS/MSD for VOCs EPA Method 8260B and 1 MS/MSD for SVOCs EPA Method 8270 BN, pesticide / PCBs EPA Method 8081/8082, TAL metals.
Trip Blanks	One laboratory prepared trip blank to accompany samples each time they are delivered to the laboratory.	4	To meet requirements of QA / QC program	VOCs EPA Method 8260B
Total (QA / QC Samples)		6		

Table 2
Former Lexington Laundry Service
853 Lexington Avenue
Brooklyn, NY
Monitoring Well Specifications and Elevation

Well No.	Well Diameter (in)	Total Well Depth (ft)	Screened Interval (ft)	Casing Reading	Casing Elevation	DTW 1/8/2014	DTP	PT	GW ELV 1/8/2014
MW1	1	50	40-50	5.02	94.98	41.75	-	-	53.23
MW2	1	50	40-50	5.07	94.93	41.85	-	-	53.08
MW3	1	50	40-50	5.33	94.67	41.51	-	-	53.16
MW4	1	50	40-50	5.2	94.8	41.62			53.18

TABLE 3
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B1				B2				B3				B4				B5				Duplicate B3	
			(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg	
			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			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1,1-Trichloroethane	680	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1,2,2-Tetrachloroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1,2-Trichloroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1-Dichloroethane	270	26,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1-Dichloroethene	330	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1-Dichloropropene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,3-Trichlorobenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,3-Trichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,4-Trichlorobenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,4-Trimethylbenzene	3,600	52,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	**1.4**	6.5	**1.7**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	**1.5**	5.1
1,2-Dibromo-3-chloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dibromoethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dichlorobenzene	1,100	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dichloroethane	20	3,100	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,3,5-Trimethylbenzene	8,400	52,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	**0.79**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	**0.72**	5.1
1,3-Dichlorobenzene	2,400	4,900	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,3-Dichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,4-Dichlorobenzene	1,800	13,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
2,2-Dichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
2-Chlorotoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
2-Hexanone (Methyl Butyl Ketone)			ND	32	ND	20	ND	34	ND	33	ND	32	ND	27	ND	1500	ND	24	ND	25	ND	21	ND	25
2-Isopropyltoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	**1.3**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
4-Chlorotoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
4-Methyl-2-Pentanone			ND	32	ND	20	ND	34	ND	33	ND	32	ND	27	ND	1500	ND	24	ND	25	ND	21	ND	25
Acetone	50	100,000	**130**	64	**77**	41	ND	68	**17**	67	**25**	65	**76**	55	ND	2900	**43**	49	**29**	50	ND	41	**16**	51
Acrylonitrile			ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Benzene	60	4,800	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromobenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromochloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromodichloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromoform			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromomethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Carbon Disulfide			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Carbon tetrachloride	760	2,400	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chlorobenzene	1,100	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chloroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chloroform	370	49,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
cis-1,2-Dichloroethene	250	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
cis-1,3-Dichloropropene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Dibromochloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Dibromomethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Dichlorodifluoromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Ethylbenzene	1,000	41,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Hexachlorobutadiene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Isopropylbenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
m&p-Xylenes	260	100,000	ND	6.4	ND	4.1	**4.4**	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	39	ND	25	ND	41	ND	40	ND	39	ND	33	ND	1800	ND	29	ND	30	ND	25	ND	30
Methyl t-butyl ether (MTBE)	930	100,000	ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Methylene chloride	50	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Naphthalene	12,000	100,000	ND	6.4	ND	4.1	ND	6.8	**5.5**	6.7	**70**	6.5	**450**	270	ND	290	**2.4**	4.9	ND	5	ND	4.1	**1,000**	300
n-Butylbenzene	12,000	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
n-Propylbenzene	3,900	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
o-Xylene	260	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
p-Isopropyltoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
sec-Butylbenzene	11,000	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Styrene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
tert-Butylbenzene	5,900	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Tetrachloroethene	1,300	19,000	ND	6.4	ND	4.1	**14**	6.8	**6.2**	6.7	**930**	300	**43**	5.5	**12,000**	1500	**9,100**	1400	**1.6**	5	ND	4.1	**3,000**	315
Tetrahydrofuran (THF)			ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Toluene	700	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	**2.2**	6.5	**3.2**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	**2**	5.1
trans-1,2-Dichloroethene	190	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
trans-1,3-Dichloropropene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
trabs-1,4-dichloro-2-butene			ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Trichloroethene	470	21,000	ND	6.4	ND	4.1	**6.5**	6.8	**5.6**	6.7	**23**	6.5	**5.8**	5.5	**68**	290	ND	4.9	ND	5	ND	4.1	**490**	315
Trichlorofluoromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Trichlorotrifluoroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Vinyl Chloride	20	900	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Total VOCs Concentration			130.0		77.0		24.9		34.3		1,051.6		581.8		12,068		9,145.4		30.6		0.0		4,510.2	

COMPOUND	B6 (0-2') 1/7/2014 µg/Kg				B6 (10-12') 1/7/2014 µg/Kg				B6 (43-45') 1/7/2014 µg/Kg			
	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachlorothane	< 6.0	6	U	0.98	< 6.3	6.3	U	1	< 6.1	6.1	U	1
1,1,1-Trichloroethane	< 6.0	6	U	1.2	< 6.3	6.3	U	1.3	< 6.1	6.1	U	1.2
1,1,2,2-Tetrachloroethane	< 6.0	6	U	0.85	< 6.3	6.3	U	0.89	< 6.1	6.1	U	0.87
1,1,2-Trichloroethane	< 6.0	6	U	0.59	< 6.3	6.3	U	0.61	< 6.1	6.1	U	0.6
1,1-Dichloroethane	< 6.0	6	U	1.2	< 6.3	6.3	U	1.2	< 6.1	6.1	U	1.2
1,1-Dichloroethene	< 6.0	6	U	1.3	< 6.3	6.3	U	1.4	< 6.1	6.1	U	1.3
1,1-Dichloropropene	< 6.0	6	U	1.2	< 6.3	6.3	U	1.2	< 6.1	6.1	U	1.2
1,2,3-Trichlorobenzene	< 6.0	6	U	1.2	< 6.3	6.3	U	1.3	< 6.1	6.1	U	1.2
1,2,3-Trichloropropane	< 6.0	6	U	0.85	< 6.3	6.3	U	0.89	< 6.1	6.1	U	0.87
1,2,4-Trichlorobenzene	< 6.0	6	U	1.2	< 6.3	6.3	U	1.3	< 6.1	6.1	U	1.2
1,2,4-Trimethylbenzene	< 6.0	6	U	0.86	< 6.3	6.3	U	0.9	< 6.1	6.1	U	0.88
1,2-Dibromo-3-chloropropane	< 6.0	6	U	1.6	< 6.3	6.3	U	1.7	< 6.1	6.1	U	1.6
1,2-Dibromoethane	< 6.0	6	U	1.6	< 6.3	6.3	U	1.7	< 6.1	6.1	U	1.6
1,2-Dichlorobenzene	< 6.0	6	U	0.66	< 6.3	6.3	U	0.69	< 6.1	6.1	U	0.67
1,2-Dichloroethane	< 6.0	6	U	0.53	< 6.3	6.3	U	0.55	< 6.1	6.1	U	0.54
1,2-Dichloropropane	< 6.0	6	U	0.85	< 6.3	6.3	U	0.89	< 6.1	6.1	U	0.87
1,3,5-Trimethylbenzene	< 6.0	6	U	0.79	< 6.3	6.3	U	0.83	< 6.1	6.1	U	0.81
1,3-Dichlorobenzene	< 6.0	6	U	0.88	< 6.3	6.3	U	0.93	< 6.1	6.1	U	0.91
1,3-Dichloropropane	< 6.0	6	U	0.63	< 6.3	6.3	U	0.66	< 6.1	6.1	U	0.65
1,4-Dichlorobenzene	< 6.0	6	U	0.94	< 6.3	6.3	U	0.99	< 6.1	6.1	U	0.97
2,2-Dichloropropane	< 6.0	6	U	1	< 6.3	6.3	U	1.1	< 6.1	6.1	U	1
2-Chlorotoluene	< 6.0	6	U	0.96	< 6.3	6.3	U	1	< 6.1	6.1	U	0.98
2-Hexanone (Methyl Butyl Ketone)	< 30	30	U	2.7	< 31	31	U	2.8	< 31	31	U	2.8
2-Isopropyltoluene	< 6.0	6	U	0.83	< 6.3	6.3	U	0.86	< 6.1	6.1	U	0.85
4-Chlorotoluene	< 6.0	6	U	0.69	< 6.3	6.3	U	0.73	< 6.1	6.1	U	0.71
4-Methyl-2-Pentanone	< 30	30	U	1.4	< 31	31	U	1.5	< 31	31	U	1.5
Acetone	< 50	50	U	5.9	< 50	50	U	6.2	**86**	50		6.1
Acrylonitrile	< 12	12	U	3.4	< 13	13	U	3.5	< 12	12	U	3.4
Benzene	< 6.0	6	U	1.2	< 6.3	6.3	U	1.2	< 6.1	6.1	U	1.2
Bromobenzene	< 6.0	6	U	0.78	< 6.3	6.3	U	0.81	< 6.1	6.1	U	0.8
Bromochloromethane	< 6.0	6	U	0.87	< 6.3	6.3	U	0.91	< 6.1	6.1	U	0.89
Bromodichloromethane	< 6.0	6	U	0.74	< 6.3	6.3	U	0.78	< 6.1	6.1	U	0.76
Bromoform	< 6.0	6	U	0.84	< 6.3	6.3	U	0.88	< 6.1	6.1	U	0.86
Bromomethane	< 6.0	6	U	4.6	< 6.3	6.3	U	4.8	< 6.1	6.1	U	4.7
Carbon Disulfide	< 6.0	6	U	0.97	< 6.3	6.3	U	1	< 6.1	6.1	U	0.99
Carbon tetrachloride	< 6.0	6	U	0.69	< 6.3	6.3	U	0.73	< 6.1	6.1	U	0.71
Chlorobenzene	< 6.0	6	U	0.88	< 6.3	6.3	U	0.93	< 6.1	6.1	U	0.91
Chloroethane	< 6.0	6	U	1.4	< 6.3	6.3	U	1.5	< 6.1	6.1	U	1.4
Chloroform	< 6.0	6	U	1.1	< 6.3	6.3	U	1.1	< 6.1	6.1	U	1.1
Chloromethane	< 6.0	6	U	3.1	< 6.3	6.3	U	3.3	< 6.1	6.1	U	3.2
cis-1,2-Dichloroethene	< 6.0	6	U	1.3	< 6.3	6.3	U	1.4	< 6.1	6.1	U	1.3
cis-1,3-Dichloropropene	< 6.0	6	U	0.65	< 6.3	6.3	U	0.68	< 6.1	6.1	U	0.66
Dibromochloromethane	< 6.0	6	U	0.67	< 6.3	6.3	U	0.7	< 6.1	6.1	U	0.69
Dibromomethane	< 6.0	6	U	0.75	< 6.3	6.3	U	0.79	< 6.1	6.1	U	0.77
Dichlorodifluoromethane	< 6.0	6	U	1.6	< 6.3	6.3	U	1.7	< 6.1	6.1	U	1.6
Ethylbenzene	< 6.0	6	U	1.1	< 6.3	6.3	U	1.1	< 6.1	6.1	U	1.1
Hexachlorobutadiene	< 6.0	6	U	1.3	< 6.3	6.3	U	1.3	< 6.1	6.1	U	1.3
Isopropylbenzene	< 6.0	6	U	1.1	< 6.3	6.3	U	1.2	< 6.1	6.1	U	1.2
m&p-Xylenes	< 6.0	6	U	2.4	< 6.3	6.3	U	2.5	< 6.1	6.1	U	2.4
Methyl Ethyl Ketone (2-Butanone)	< 36	36	U	5.2	< 38	38	U	5.4	< 37	37	U	5.3
Methyl t-butyl ether (MTBE)	< 12	12	U	1.7	< 13	13	U	1.7	< 12	12	U	1.7
Methylene chloride	< 6.0	6	U	0.98	< 6.3	6.3	U	1	< 6.1	6.1	U	1
Naphthalene	< 6.0	6	U	1.6	< 6.3	6.3	U	1.7	< 6.1	6.1	U	1.6
n-Butylbenzene	< 6.0	6	U	1.1	< 6.3	6.3	U	1.1	< 6.1	6.1	U	1.1
n-Propylbenzene	< 6.0	6	U	1.1	< 6.3	6.3	U	1.1	< 6.1	6.1	U	1.1
o-Xylene	< 6.0	6	U	2.3	< 6.3	6.3	U	2.4	< 6.1	6.1	U	2.3
p-Isopropyltoluene	< 6.0	6	U	0.86	< 6.3	6.3	U	0.9	< 6.1	6.1	U	0.88
sec-Butylbenzene	< 6.0	6	U	1.1	< 6.3	6.3	U	1.2	< 6.1	6.1	U	1.2
Styrene	< 6.0	6	U	1.7	< 6.3	6.3	U	1.8	< 6.1	6.1	U	1.8
tert-Butylbenzene	< 6.0	6	U	0.96	< 6.3	6.3	U	1	< 6.1	6.1	U	0.98
Tetrachloroethene	< 6.0	6	U	1.3	**2.3**	6.3	J	1.3	**2.6**	6.1	J	1.3
Tetrahydrofuran (THF)	**11**	12	J	5.4	**10**	13	J	5.6	**15**	12		5.5
Toluene	< 6.0	6	U	0.94	< 6.3	6.3	U	0.99	< 6.1	6.1	U	0.97
trans-1,2-Dichloroethene	< 6.0	6	U	1.2	< 6.3	6.3	U	1.3	< 6.1	6.1	U	1.2
trans-1,3-Dichloropropene	< 6.0	6	U	1.2	< 6.3	6.3	U	1.3	< 6.1	6.1	U	1.2
trabs-1,4-dichloro-2-butene	< 12	12	U	11	< 13	13	U	12	< 12	12	U	11
Trichloroethene	< 6.0	6	U	1.3	< 6.3	6.3	U	1.3	**1.3**	6.1	J	1.3
Trichlorofluoromethane	< 6.0	6	U	1.3	< 6.3	6.3	U	1.4	< 6.1	6.1	U	1.4
Trichlorotrifluoroethane	< 6.0	6	U	0.93	< 6.3	6.3	U	0.98	< 6.1	6.1	U	0.96
Vinyl Chloride	< 6.0	6	U	1.9	< 6.3	6.3	U	2	< 6.1	6.1	U	2
Total VOCs Concentration	11				12.3				104.9			

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B7												B8												B9												B10			
			(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg				(0-2') 1/7/2014 µg/Kg				(10-12') 1/7/2014 µg/Kg				(43-45') 1/7/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachlorothane			< 7.6	7.6	U	1.3	< 8.8	8.8	U	1.4	< 5.1	5.1	U	0.83	< 6.4	6.4	U	1.1	< 10	10	U	1.7	< 4.7	4.7	U	0.78	< 6.1	6.1	U	1	< 6.4	6.4	U	1	< 6.6	6.6	U	1.1	< 10	10	U	1.7
1,1,1-Trichloroethane	680	100,000	< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.8	< 5.1	5.1	U	1	< 6.4	6.4	U	1.3	< 10	10	U	2	< 4.7	4.7	U	0.95	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.3	< 10	10	U	2
1,1,2,2-Tetrachloroethane			< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.2	< 5.1	5.1	U	0.72	< 6.4	6.4	U	0.91	< 10	10	U	1.4	< 4.7	4.7	U	0.67	< 6.1	6.1	U	0.86	< 6.4	6.4	U	0.91	< 6.6	6.6	U	0.93	< 10	10	U	1.5
1,1,2-Trichloroethane			< 7.6	7.6	U	0.75	< 8.8	8.8	U	0.86	< 5.1	5.1	U	0.5	< 6.4	6.4	U	0.63	< 10	10	U	0.99	< 4.7	4.7	U	0.46	< 6.1	6.1	U	0.59	< 6.4	6.4	U	0.63	< 6.6	6.6	U	0.64	< 10	10	U	1
1,1-Dichloroethane	270	26,000	< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.7	< 5.1	5.1	U	1	< 6.4	6.4	U	1.3	< 10	10	U	2	< 4.7	4.7	U	0.94	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.3	< 10	10	U	2
1,1-Dichloroethene	330	100,000	< 7.6	7.6	U	1.7	< 8.8	8.8	U	1.9	< 5.1	5.1	U	1.1	< 6.4	6.4	U	1.4	< 10	10	U	2.2	< 4.7	4.7	U	1	< 6.1	6.1	U	1.3	< 6.4	6.4	U	1.4	< 6.6	6.6	U	1.4	< 10	10	U	2.2
1,1-Dichloropropene			< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.7	< 5.1	5.1	U	0.98	< 6.4	6.4	U	1.2	< 10	10	U	2	< 4.7	4.7	U	0.92	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.2	< 6.6	6.6	U	1.3	< 10	10	U	2
1,2,3-Trichlorobenzene			< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.8	< 5.1	5.1	U	1	< 290	290	U	59	< 10	10	U	2	< 4.7	4.7	U	0.95	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.3	< 10	10	U	2
1,2,3-Trichloropropane			< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.2	< 5.1	5.1	U	0.72	< 290	290	U	42	< 10	10	U	1.4	< 4.7	4.7	U	0.67	< 6.1	6.1	U	0.86	< 6.4	6.4	U	0.91	< 6.6	6.6	U	0.93	< 10	10	U	1.5
1,2,4-Trichlorobenzene			< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.8	< 5.1	5.1	U	1	< 290	290	U	59	< 10	10	U	2	< 4.7	4.7	U	0.95	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.3	< 10	10	U	2
1,2,4-Trimethylbenzene	3,600	52,000	1.2	7.6	J	1.1	< 8.8	8.8	U	1.3	< 5.1	5.1	U	0.73	< 290	290	U	42	< 10	10	U	1.4	< 4.7	4.7	U	0.68	< 6.1	6.1	U	0.87	< 6.4	6.4	U	0.92	< 6.6	6.6	U	0.94	< 10	10	U	1.5
1,2-Dibromo-3-chloropropane			< 7.6	7.6	U	2	< 8.8	8.8	U	2.4	< 5.1	5.1	U	1.4	< 290	290	U	79	< 10	10	U	2.7	< 4.7	4.7	U	1.3	< 6.1	6.1	U	1.6	< 6.4	6.4	U	1.7	< 6.6	6.6	U	1.8	< 10	10	U	2.7
1,2-Dibromoethane			< 7.6	7.6	U	2	< 8.8	8.8	U	2.3	< 5.1	5.1	U	1.3	< 6.4	6.4	U	1.7	< 10	10	U	2.7	< 4.7	4.7	U	1.3	< 6.1	6.1	U	1.6	< 6.4	6.4	U	1.7	< 6.6	6.6	U	1.7	< 10	10	U	2.7
1,2-Dichlorobenzene	1,100	100,000	< 7.6	7.6	U	0.84	< 8.8	8.8	U	0.97	< 5.1	5.1	U	0.56	< 290	290	U	32	< 10	10	U	1.1	< 4.7	4.7	U	0.52	< 6.1	6.1	U	0.67	< 6.4	6.4	U	0.7	< 6.6	6.6	U	0.72	< 10	10	U	1.1
1,2-Dichloroethane	20	3,100	< 7.6	7.6	U	0.67	< 8.8	8.8	U	0.77	< 5.1	5.1	U	0.44	< 6.4	6.4	U	0.57	< 10	10	U	0.89	< 4.7	4.7	U	0.42	< 6.1	6.1	U	0.53	< 6.4	6.4	U	0.56	< 6.6	6.6	U	0.58	< 10	10	U	0.9
1,2-Dichloropropane			< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.2	< 5.1	5.1	U	0.72	< 6.4	6.4	U	0.91	< 10	10	U	1.4	< 4.7	4.7	U	0.67	< 6.1	6.1	U	0.86	< 6.4	6.4	U	0.91	< 6.6	6.6	U	0.93	< 10	10	U	1.5
1,3,5-Trimethylbenzene	8,400	52,000	< 7.6	7.6	U	1	< 8.8	8.8	U	1.2	< 5.1	5.1	U	0.67	< 290	290	U	39	< 10	10	U	1.3	< 4.7	4.7	U	0.62	< 6.1	6.1	U	0.8	< 6.4	6.4	U	0.84	< 6.6	6.6	U	0.87	< 10	10	U	1.4
1,3-Dichlorobenzene	2,400	4,900	< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.3	< 5.1	5.1	U	0.75	< 290	290	U	44	< 10	10	U	1.5	< 4.7	4.7	U	0.7	< 6.1	6.1	U	0.9	< 6.4	6.4	U	0.95	< 6.6	6.6	U	0.97	< 10	10	U	1.5
1,3-Dichloropropane			< 7.6	7.6	U	0.81	< 8.8	8.8	U	0.93	< 5.1	5.1	U	0.54	< 6.4	6.4	U	0.68	< 10	10	U	1.1	< 4.7	4.7	U	0.5	< 6.1	6.1	U	0.64	< 6.4	6.4	U	0.68	< 6.6	6.6	U	0.69	< 10	10	U	1.1
1,4-Dichlorobenzene	1,800	13,000	< 7.6	7.6	U	1.2	< 8.8	8.8	U	1.4	< 5.1	5.1	U	0.8	< 290	290	U	47	< 10	10	U	1.6	< 4.7	4.7	U	0.75	< 6.1	6.1	U	0.96	< 6.4	6.4	U	1	< 6.6	6.6	U	1	< 10	10	U	1.6
2,2-Dichloropropane			< 7.6	7.6	U	1.3	< 8.8	8.8	U	1.5	< 5.1	5.1	U	0.85	< 6.4	6.4	U	1.1	< 10	10	U	1.7	< 4.7	4.7	U	0.79	< 6.1	6.1	U	1	< 6.4	6.4	U	1.1	< 6.6	6.6	U	1.1	< 10	10	U	1.7
2-Chlorotoluene			< 7.6	7.6	U	1.2	< 8.8	8.8	U	1.4	< 5.1	5.1	U	0.81	< 290	290	U	47	< 10	10	U	1.6	< 4.7	4.7	U	0.76	< 6.1	6.1	U	0.97	< 6.4	6.4	U	1	< 6.6	6.6	U	1	< 10	10	U	1.6
2-Hexanone (Methyl Butyl Ketone)			< 38	38	U	3.4	< 44	44	U	4	< 25	25	U	2.3	< 32	32	U	2.9	< 50	50	U	4.5	< 24	24	U	2.1	< 30	30	U	2.7	< 32	32	U	2.9	< 33	33	U	3	< 51	51	U	4.6
2-Isopropyltoluene			< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.2	< 5.1	5.1	U	0.7	< 290	290	U	41	< 10	10	U	1.4	< 4.7	4.7	U	0.65	< 6.1	6.1	U	0.84	< 6.4	6.4	U	0.88	< 6.6	6.6	U	0.9	< 10	10	U	1.4
4-Chlorotoluene			< 7.6	7.6	U	0.88	< 8.8	8.8	U	1	< 5.1	5.1	U	0.59	< 290	290	U	34	< 10	10	U	1.2	< 4.7	4.7	U	0.55	< 6.1	6.1	U	0.7	< 6.4	6.4	U	0.74	< 6.6	6.6	U	0.76	< 10	10	U	1.2
4-Methyl-2-Pentanone			< 38	38	U	1.8	< 44	44	U	2.1	< 25	25	U	1.2	< 32	32	U	1.5	< 50	50	U	2.4	< 24	24	U	1.1	< 30	30	U	1.4	< 32	32	U	1.5	< 33	33	U	1.6	< 51	51	U	2.4
Acetone	50	100,000	**21**	50	JS	7.6	**10**	50	JS	8.7	**7**	50	JS	5	**22**	50	JS	6.4	**29**	50	JS	10	**7.8**	47	JS	4.7	**140**	50	S	6	< 50	50	U	6.4	< 50	50	U	6.5	**210**	50	S	10
Acrylonitrile			< 15	15	U	4.3	< 18	18	U	4.9	< 10	10	U	2.8	< 13	13	U	3.6	< 20	20	U	5.7	< 9.5	9.5	U	2.7	< 12	12	U	3.4	< 13	13	U	3.6	< 13	13	U	3.7	< 20	20	U	5.8
Benzene	60	4,800	< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.7	< 5.1	5.1	U	1	< 6.4	6.4	U	1.3	< 10	10	U	2	< 4.7	4.7	U	0.94	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.3	< 10	10	U	2
Bromobenzene			< 7.6	7.6	U	0.99	< 8.8	8.8	U	1.1	< 5.1	5.1	U	0.66	< 290	290	U	38	< 10	10	U	1.3	< 4.7	4.7	U	0.62	< 6.1	6.1	U	0.79	< 6.4	6.4	U	0.83	< 6.6	6.6	U	0.85	< 10	10	U	1.3
Bromochloromethane			< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.3	< 5.1	5.1	U	0.74	< 6.4	6.4	U	0.94	< 10	10	U	1.5	< 4.7	4.7	U	0.69	< 6.1	6.1	U	0.89	< 6.4	6.4	U	0.93	< 6.6	6.6	U	0.96	< 10	10	U	1.5
Bromodichloromethane			< 7.6	7.6	U	0.95	< 8.8	8.8	U	1.1	< 5.1	5.1	U	0.63	< 6.4	6.4	U	0.8	< 10	10	U	1.2	< 4.7	4.7	U	0.59	< 6.1	6.1	U	0.75	< 6.4	6.4	U	0.79	< 6.6	6.6	U	0.81	< 10	10	U	1.3
Bromoform			< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.2	< 5.1	5.1	U	0.71	< 6.4	6.4	U	0.9	< 10	10	U	1.4	< 4.7	4.7	U	0.66	< 6.1	6.1	U	0.85	< 6.4	6.4	U	0.89	< 6.6	6.6	U	0.92	< 10	10	U	1.4
Bromomethane			< 7.6	7.6	U	5.9	< 8.8	8.8	U	6.8	< 5.1	5.1	U	3.9	< 6.4	6.4	U	4.9	< 10	10	U	7.7	< 4.7	4.7	U	3.6	< 6.1	6.1	U	4.7	< 6.4	6.4	U	4.9	< 6.6	6.6	U	5	< 10	10	U	7.9
Carbon Disulfide			< 7.6	7.6	U	1.2	< 8.8	8.8	U	1.4	< 5.1	5.1	U	0.82	< 6.4	6.4	U	1	< 10	10	U	1.6	< 4.7	4.7	U	0.77	< 6.1	6.1	U	0.98	< 6.4	6.4	U	1	< 6.6	6.6	U	1.1	< 10	10	U	1.7
Carbon tetrachloride	760	2,400	< 7.6	7.6	U	0.88	< 8.8	8.8	U	1	< 5.1	5.1	U	0.59	< 6.4	6.4	U	0.74	< 10	10	U	1.2	< 4.7	4.7	U	0.55	< 6.1	6.1	U	0.7	< 6.4	6.4	U	0.74	< 6.6	6.6	U	0.76	< 10	10	U	1.2
Chlorobenzene	1,100	100,000	< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.3	< 5.1	5.1	U	0.75	< 6.4	6.4	U	0.95	< 10	10	U	1.5	< 4.7	4.7	U	0.7	< 6.1	6.1	U	0.9	< 6.4	6.4	U	0.95	< 6.6	6.6	U	0.97	< 10	10	U	1.5
Chloroethane			< 7.6	7.6	U	1.8	< 8.8	8.8	U	2.1	< 5.1	5.1	U	1.2	< 6.4	6.4	U	1.5	< 10	10	U	2.4	< 4.7	4.7	U	1.1	< 6.1	6.1	U	1.4	< 6.4	6.4	U	1.5	< 6.6	6.6	U	1.5	< 10	10	U	2.4
Chloroform	370	49,000	< 7.6	7.6	U	1.4	< 8.8	8.8	U	1.6	< 5.1	5.1	U	0.92	< 6.4	6.4	U	1.2	< 10	10	U	1.8	< 4.7	4.7	U	0.86	< 6.1	6.1	U	1.1	< 6.4	6.4	U	1.2	< 6.6	6.6	U	1.2	< 10	10	U	1.9
Chloromethane			< 7.6	7.6	U	4	< 8.8	8.8	U	4.6	< 5.1	5.1	U	2.6	< 6.4	6.4	U	3.4	< 10	10	U	5.3	< 4.7	4.7	U	2.5	< 6.1	6.1	U	3.2	< 6.4	6.4	U	3.3	< 6.6	6.6	U	3.4	< 10	10	U	5.4
cis-1,2-Dichloroethene	250	100,000	< 7.6	7.6	U	1.7	< 8.8	8.8	U	1.9	< 5.1	5.1	U	1.1	< 6.4	6.4	U	1.4	< 10	10	U	2.2	< 4.7	4.7	U	1	< 6.1	6.1	U	1.3	< 6.4	6.4	U	1.4	< 6.6	6.6	U	1.4	< 10	10	U	2.2
cis-1,3-Dichloropropene			< 7.6	7.6	U	0.82	< 8.8	8.8	U	0.95	< 5.1	5.1	U	0.55	< 6.4	6.4	U	0.69	< 10	10	U	1.1	< 4.7	4.7	U	0.51	< 6.1	6.1	U	0.66	< 6.4	6.4	U	0.69	< 6.6	6.6	U	0.71	< 10	10	U	1.1
Dibromochloromethane			< 7.6	7.6	U	0.85	< 8.8	8.8	U	0.98	< 5.1	5.1	U	0.57	< 6.4	6.4	U	0.72	< 10	10	U	1.1	< 4.7	4.7	U	0.53	< 6.1	6.1	U	0.68	< 6.4	6.4	U	0.72	< 6.6	6.6	U	0.73	< 10	10	U	1.1
Dibromomethane			< 7.6	7.6	U	0.96	< 8.8	8.8	U	1.1	< 5.1	5.1	U	0.64	< 6.4	6.4	U	0.81	< 10	10	U	1.3	< 4.7	4.7	U	0.6	< 6.1	6.1	U	0.76	< 6.4	6.4	U	0.81	< 6.6	6.6	U	0.83	< 10	10	U	1.3
Dichlorodifluoromethane			< 7.6	7.6	U	2	< 8.8	8.8	U	2.3	< 5.1	5.1	U	1.3	< 6.4	6.4	U	1.7	< 10	10	U	2.7	< 4.7	4.7	U	1.3	< 6.1	6.1	U	1.6	< 6.4	6.4	U	1.7	< 6.6	6.6	U	1.7	< 10	10	U	2.7
Ethylbenzene	1,000	41,000	< 7.6	7.6	U	1.4	< 8.8	8.8	U	1.6	< 5.1	5.1	U	0.92	< 6.4	6.4	U	1.2	< 10	10	U	1.8	< 4.7	4.7	U	0.86	< 6.1	6.1	U	1.1	< 6.4	6.4	U	1.2	< 6.6	6.6	U	1.2	< 10	10	U	1.9
Hexachlorobutadiene			< 7.6	7.6	U	1.6	< 8.8	8.8	U	1.8	< 5.1	5.1	U	1.1	< 290	290	U	62	< 10	10	U	2.1	< 4.7	4.7	U	0.99	< 6.1	6.1	U	1.3	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.4	< 10	10	U	2.2
Isopropylbenzene			< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.7	< 5.1	5.1	U	0.97	< 290	290	U	57	< 10	10	U	1.9	< 4.7	4.7	U	0.91	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.2	< 6.6	6.6	U	1.3	< 10	10	U	2
m&p-Xylenes	260	100,000	< 7.6	7.6	U	3	< 8.8	8.8	U	3.5	< 5.1	5.1	U	2	< 6.4	6.4	U	2.5	< 10	10	U	4	< 4.7	4.7	U	1.9	< 6.1	6.1	U	2.4	< 6.4	6.4	U	2.5	< 6.6	6.6	U	2.6	< 10	10	U	4
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 46	46	U	6.6	< 53	53	U	7.6	< 30	30	U	4.4	< 39	39	U	5.6	< 60	60	U	8.7	< 28	28	U	4.1	< 36	36	U	5.3	< 38	38	U	5.5	< 39	39	U	5.7	< 61	61	U	8.9
Methyl t-butyl ether (MTBE)	930	100,000	< 15	15	U	2.1	< 18	18	U	2.4	< 10	10	U	1.4	< 13	13	U	1.8	< 20	20	U	2.8	< 9.5	9.5	U	1.3	< 12	12	U	1.7	< 13	13	U	1.8	< 13	13	U	1.8	< 20	20	U	2.8
Methylene chloride	50	100,000	**1.5**	7.6	JS	1.3	**2.7**	8.8	JS	1.4	**1.3**	5.1	JS	0.83	< 6.4	6.4	U	1.1	**1.8**	10	JS	1.7	**1.4**	4.7	JS	0.78	< 6.1	6.1	U	1	< 6.4	6.4	U	1	< 6.6	6.6	U	1.1	< 10	10	U	1.7
Naphthalene	12,000	100,000	< 7.6	7.6	U	2	< 8.8	8.8	U	2.4	< 5.1	5.1	U	1.4	< 290	290	U	79	< 10	10	U	2.7	< 4.7	4.7	U	1.3	< 6.1	6.1	U	1.6	< 6.4	6.4	U	1.7	< 6.6	6.6	U	1.8	< 10	10	U	2.7
n-Butylbenzene	12,000	100,000	< 7.6	7.6	U	1.4	< 8.8	8.8	U	1.6	< 5.1	5.1	U	0.92	< 290	290	U	54	< 10	10	U	1.8	< 4.7	4.7	U	0.86	< 6.1	6.1	U	1.1	< 6.4	6.4	U	1.2	< 6.6	6.6	U	1.2	< 10	10	U	1.9
n-Propylbenzene	3,900	100,000	< 7.6	7.6	U	1.4	< 8.8	8.8	U	1.6	< 5.1	5.1	U	0.91	< 290	290	U	53	< 10	10	U	1.8	< 4.7	4.7	U	0.85	< 6.1	6.1	U	1.1	< 6.4	6.4	U	1.2	< 6.6	6.6	U	1.2	< 10	10	U	1.8
o-Xylene	260	100,000	< 7.6	7.6	U	2.9	< 8.8	8.8	U	3.4	< 5.1	5.1	U	1.9	< 6.4	6.4	U	2.5	< 10	10	U	3.8	< 4.7	4.7	U	1.8	< 6.1	6.1	U	2.3	< 6.4	6.4	U	2.4	< 6.6	6.6	U	2.5	< 10	10	U	3.9
p-Isopropyltoluene			< 7.6	7.6	U	1.1	< 8.8	8.8	U	1.3	< 5.1	5.1	U	0.73	< 290	290	U	42	< 10	10	U	1.4	< 4.7	4.7	U	0.68	< 6.1	6.1	U	0.87	< 6.4	6.4	U	0.92	< 6.6	6.6	U	0.94	< 10	10	U	1.5
sec-Butylbenzene	11,000	100,000	< 7.6	7.6	U	1.4	< 8.8	8.8	U	1.7	< 5.1	5.1	U	0.95	< 290	290	U	55	< 10	10	U	1.9	< 4.7	4.7	U	0.89	< 6.1	6.1	U	1.1	< 6.4	6.4	U	1.2	< 6.6	6.6	U	1.2	< 10	10	U	1.9
Styrene			< 7.6	7.6	U	2.2	< 8.8	8.8	U	2.5	< 5.1	5.1	U	1.5	< 6.4	6.4	U	1.8	< 10	10	U	2.9	< 4.7	4.7	U	1.4	< 6.1	6.1	U	1.7	< 6.4	6.4	U	1.8	< 6.6	6.6	U	1.9	< 10	10	U	2.9
tert-Butylbenzene	5,900	100,000	< 7.6	7.6	U	1.2	< 8.8	8.8	U	1.4	< 5.1	5.1	U	0.81	< 290	290	U	47	< 10	10	U	1.6	< 4.7	4.7	U	0.76	< 6.1	6.1	U	0.97	< 6.4	6.4	U	1	< 6.6	6.6	U	1	< 10	10	U	1.6
Tetrachloroethene	1,300	19,000	**3.8**	7.6	J	1.6	**59**	8.8		1.8	**6.7**	5.1		1.1	**750**	290		62	**97**	330	J	70	**13**	4.7		0.99	**22**	6.1		1.3	< 6.4	6.4	U	1.3	**3.7**	6.6	J	1.4	**1,200**	300		62
Tetrahydrofuran (THF)			< 15	15	U	6.9	< 18	18	U	7.9	< 10	10	U	4.5	< 13	13	U	5.8	**11**	20	J	9.1	< 9.5	9.5	U	4.3	< 12	12	U	5.5	< 13	13	U	5.8	**13**	13	J	5.9	**24**	20		9.2
Toluene	700	100,000	< 7.6	7.6	U	1.2	< 8.8	8.8	U	1.4	< 5.1	5.1	U	0.8	< 6.4	6.4	U	1	< 10	10	U	1.6	< 4.7	4.7	U	0.75	**1**	6.1	J	0.96	< 6.4	6.4	U	1	< 6.6	6.6	U	1	< 10	10	U	1.6
trans-1,2-Dichloroethene	190	100,000	< 7.6	7.6	U	1.5	< 8.8	8.8	U	1.8	< 5.1	5.1	U	1	< 6.4	6.4	U	1.3	< 10	10	U	2	< 4.7	4.7	U	0.95	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.3	< 10	10	U	2
trans-1,3-Dichloropropene			< 7.6	7.6	U	1.6	< 8.8	8.8	U	1.8	< 5.1	5.1	U	1	< 6.4	6.4	U	1.3	< 10	10	U	2.1	< 4.7	4.7	U	0.97	< 6.1	6.1	U	1.2	< 6.4	6.4	U	1.3	< 6.6	6.6	U	1.3	< 10	10	U	2.1
trabs-1,4-dichloro-2-butene			< 15	15	U	14	< 18	18	U	16	< 10	10	U	9.4	< 590	590	U	550	< 20	20	U	19	< 9.5	9.5	U	8.8	< 12	12	U	11	< 13	13	U	12	< 13	13	U	12	< 20	20	U	19
Trichloroethene	470	21,000	< 7.6	7.6	U	1.6	< 8.8	8.8	U	1.9	**2.5**	5.1	J	1.1	< 6.4	6.4	U	1.4	< 10	10	U	2.1	**4.6**	4.7	J	1	**7.1**	6.1		1.3	< 6.4	6.4	U	1.4	**1.8**	6.6	J	1.4	**5**	10	J	2.2
Trichlorofluoromethane			< 7.6	7.6	U	1.7	< 8.8	8.8	U	2	< 5.1	5.1	U	1.1	< 6.4	6.4	U	1.4	< 10	10	U	2.2	< 4.7	4.7	U	1.1	< 6.1	6.1	U	1.3	< 6.4	6.4	U	1.4	< 6.6	6.6	U	1.5	< 10	10	U	2.3
Trichlorotrifluoroethane			< 7.6	7.6	U	1.2	< 8.8	8.8	U	1.4	< 5.1	5.1	U	0.79	< 6.4	6.4	U	1	< 10	10	U	1.6	< 4.7	4.7	U	0.74	< 6.1	6.1	U	0.95	< 6.4	6.4	U	1	< 6.6	6.6	U	1	< 10	10	U	1.6
Vinyl Chloride	20	900	< 7.6	7.6	U	2.5	< 8.8	8.8	U	2.8	< 5.1	5.1	U	1.6	< 6.4	6.4	U	2.1	< 10	10	U	3.3	< 4.7	4.7	U	1.5	< 6.1	6.1	U	2	< 6.4	6.4	U	2.1	< 6.6	6.6	U	2.1	< 10	10	U	3.3
Total VOCs Concentration			**27.5**				**71.7**				**17.9**				**772**				**138.8**				**26.8**				**170.1**				**0.0**				**18.5**				**1,439**			

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times th
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B10								B11							
			(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg				(0-2') 1/7/2014 µg/Kg				(6-8ft) 1/7/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachlorothane			< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.2	< 6.5	6.5	U	1.1
1,1,1-Trichloroethane	680	100,000	< 8.0	8	U	1.6	< 7.4	7.4	U	1.5	< 7.3	7.3	U	1.5	< 6.5	6.5	U	1.3
1,1,2,2-Tetrachloroethane			< 8.0	8	U	1.1	< 7.4	7.4	U	1	< 7.3	7.3	U	1	< 6.5	6.5	U	0.92
1,1,2-Trichloroethane			< 8.0	8	U	0.79	< 7.4	7.4	U	0.72	< 7.3	7.3	U	0.72	< 6.5	6.5	U	0.64
1,1-Dichloroethane	270	26,000	< 8.0	8	U	1.6	< 7.4	7.4	U	1.5	< 7.3	7.3	U	1.4	< 6.5	6.5	U	1.3
1,1-Dichloroethene	330	100,000	< 8.0	8	U	1.8	< 7.4	7.4	U	1.6	< 7.3	7.3	U	1.6	< 6.5	6.5	U	1.4
1,1-Dichloropropene			< 8.0	8	U	1.6	< 7.4	7.4	U	1.4	< 7.3	7.3	U	1.4	< 6.5	6.5	U	1.3
1,2,3-Trichlorobenzene			< 8.0	8	U	1.6	< 7.4	7.4	U	1.5	< 7.3	7.3	U	1.5	< 6.5	6.5	U	1.3
1,2,3-Trichloropropane			< 8.0	8	U	1.1	< 7.4	7.4	U	1	< 7.3	7.3	U	1	< 6.5	6.5	U	0.92
1,2,4-Trichlorobenzene			< 8.0	8	U	1.6	< 7.4	7.4	U	1.5	< 7.3	7.3	U	1.5	< 6.5	6.5	U	1.3
1,2,4-Trimethylbenzene	3,600	52,000	< 8.0	8	U	1.2	< 7.4	7.4	U	1.1	< 7.3	7.3	U	1.1	< 6.5	6.5	U	0.93
1,2-Dibromo-3-chloropropane			< 8.0	8	U	2.2	< 7.4	7.4	U	2	< 7.3	7.3	U	2	< 6.5	6.5	U	1.7
1,2-Dibromoethane			< 8.0	8	U	2.1	< 7.4	7.4	U	2	< 7.3	7.3	U	1.9	< 6.5	6.5	U	1.7
1,2-Dichlorobenzene	1,100	100,000	< 8.0	8	U	0.89	< 7.4	7.4	U	0.81	< 7.3	7.3	U	0.8	< 6.5	6.5	U	0.71
1,2-Dichloroethane	20	3,100	< 8.0	8	U	0.71	< 7.4	7.4	U	0.65	< 7.3	7.3	U	0.64	< 6.5	6.5	U	0.57
1,2-Dichloropropane			< 8.0	8	U	1.1	< 7.4	7.4	U	1	< 7.3	7.3	U	1	< 6.5	6.5	U	0.92
1,3,5-Trimethylbenzene	8,400	52,000	< 8.0	8	U	1.1	< 7.4	7.4	U	0.98	< 7.3	7.3	U	0.96	< 6.5	6.5	U	0.86
1,3-Dichlorobenzene	2,400	4,900	< 8.0	8	U	1.2	< 7.4	7.4	U	1.1	< 7.3	7.3	U	1.1	< 6.5	6.5	U	0.96
1,3-Dichloropropane			< 8.0	8	U	0.85	< 7.4	7.4	U	0.78	< 7.3	7.3	U	0.77	< 6.5	6.5	U	0.69
1,4-Dichlorobenzene	1,800	13,000	< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.2	< 6.5	6.5	U	1
2,2-Dichloropropane			< 8.0	8	U	1.4	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.2	< 6.5	6.5	U	1.1
2-Chlorotoluene			< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.2	< 6.5	6.5	U	1
2-Hexanone (Methyl Butyl Ketone)			< 40	40	U	3.6	< 37	37	U	3.3	< 37	37	U	3.3	< 32	32	U	2.9
2-Isopropyltoluene			< 8.0	8	U	1.1	< 7.4	7.4	U	1	< 7.3	7.3	U	1	< 6.5	6.5	U	0.89
4-Chlorotoluene			< 8.0	8	U	0.93	< 7.4	7.4	U	0.86	< 7.3	7.3	U	0.85	< 6.5	6.5	U	0.75
4-Methyl-2-Pentanone			< 40	40	U	1.9	< 37	37	U	1.8	< 37	37	U	1.7	< 32	32	U	1.5
Acetone	50	100,000	< 50	50	U	8	< 50	50	U	7.3	**29**	50	JS	7.3	< 50	50	U	6.4
Acrylonitrile			< 16	16	U	4.5	< 15	15	U	4.2	< 15	15	U	4.1	< 13	13	U	3.6
Benzene	60	4,800	< 8.0	8	U	1.6	< 7.4	7.4	U	1.5	< 7.3	7.3	U	1.4	< 6.5	6.5	U	1.3
Bromobenzene			< 8.0	8	U	1	< 7.4	7.4	U	0.96	< 7.3	7.3	U	0.95	< 6.5	6.5	U	0.84
Bromochloromethane			< 8.0	8	U	1.2	< 7.4	7.4	U	1.1	< 7.3	7.3	U	1.1	< 6.5	6.5	U	0.95
Bromodichloromethane			< 8.0	8	U	1	< 7.4	7.4	U	0.92	< 7.3	7.3	U	0.91	< 6.5	6.5	U	0.8
Bromoform			< 8.0	8	U	1.1	< 7.4	7.4	U	1	< 7.3	7.3	U	1	< 6.5	6.5	U	0.91
Bromomethane			< 8.0	8	U	6.2	< 7.4	7.4	U	5.7	< 7.3	7.3	U	5.6	< 6.5	6.5	U	5
Carbon Disulfide			< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.2	< 6.5	6.5	U	1.1
Carbon tetrachloride	760	2,400	< 8.0	8	U	0.93	< 7.4	7.4	U	0.86	< 7.3	7.3	U	0.85	< 6.5	6.5	U	0.75
Chlorobenzene	1,100	100,000	< 8.0	8	U	1.2	< 7.4	7.4	U	1.1	< 7.3	7.3	U	1.1	< 6.5	6.5	U	0.96
Chloroethane			< 8.0	8	U	1.9	< 7.4	7.4	U	1.7	< 7.3	7.3	U	1.7	< 6.5	6.5	U	1.5
Chloroform	370	49,000	< 8.0	8	U	1.5	< 7.4	7.4	U	1.3	< 7.3	7.3	U	1.3	< 6.5	6.5	U	1.2
Chloromethane			< 8.0	8	U	4.2	< 7.4	7.4	U	3.9	< 7.3	7.3	U	3.8	< 6.5	6.5	U	3.4
cis-1,2-Dichloroethene	250	100,000	< 8.0	8	U	1.8	< 7.4	7.4	U	1.6	< 7.3	7.3	U	1.6	< 6.5	6.5	U	1.4
cis-1,3-Dichloropropene			< 8.0	8	U	0.87	< 7.4	7.4	U	0.8	< 7.3	7.3	U	0.79	< 6.5	6.5	U	0.7
Dibromochloromethane			< 8.0	8	U	0.9	< 7.4	7.4	U	0.83	< 7.3	7.3	U	0.82	< 6.5	6.5	U	0.73
Dibromomethane			< 8.0	8	U	1	< 7.4	7.4	U	0.93	< 7.3	7.3	U	0.92	< 6.5	6.5	U	0.82
Dichlorodifluoromethane			< 8.0	8	U	2.1	< 7.4	7.4	U	2	< 7.3	7.3	U	1.9	< 6.5	6.5	U	1.7
Ethylbenzene	1,000	41,000	< 8.0	8	U	1.5	< 7.4	7.4	U	1.3	< 7.3	7.3	U	1.3	< 6.5	6.5	U	1.2
Hexachlorobutadiene			< 8.0	8	U	1.7	< 7.4	7.4	U	1.6	< 7.3	7.3	U	1.5	< 6.5	6.5	U	1.4
Isopropylbenzene			< 8.0	8	U	1.5	< 7.4	7.4	U	1.4	< 7.3	7.3	U	1.4	< 6.5	6.5	U	1.2
m&p-Xylenes	260	100,000	< 8.0	8	U	3.2	< 7.4	7.4	U	2.9	< 7.3	7.3	U	2.9	< 6.5	6.5	U	2.6
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 48	48	U	7	< 44	44	U	6.4	< 44	44	U	6.3	< 39	39	U	5.6
Methyl t-butyl ether (MTBE)	930	100,000	< 16	16	U	2.2	< 15	15	U	2	< 15	15	U	2	< 13	13	U	1.8
Methylene chloride	50	100,000	< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.2	< 6.5	6.5	U	1.1
Naphthalene	12,000	100,000	< 8.0	8	U	2.2	< 7.4	7.4	U	2	< 7.3	7.3	U	2	< 6.5	6.5	U	1.7
n-Butylbenzene	12,000	100,000	< 8.0	8	U	1.5	< 7.4	7.4	U	1.3	< 7.3	7.3	U	1.3	< 6.5	6.5	U	1.2
n-Propylbenzene	3,900	100,000	< 8.0	8	U	1.4	< 7.4	7.4	U	1.3	< 7.3	7.3	U	1.3	< 6.5	6.5	U	1.2
o-Xylene	260	100,000	< 8.0	8	U	3.1	< 7.4	7.4	U	2.8	< 7.3	7.3	U	2.8	< 6.5	6.5	U	2.5
p-Isopropyltoluene			< 8.0	8	U	1.2	< 7.4	7.4	U	1.1	< 7.3	7.3	U	1.1	< 6.5	6.5	U	0.93
sec-Butylbenzene	11,000	100,000	< 8.0	8	U	1.5	< 7.4	7.4	U	1.4	< 7.3	7.3	U	1.4	< 6.5	6.5	U	1.2
Styrene			< 8.0	8	U	2.3	< 7.4	7.4	U	2.1	< 7.3	7.3	U	2.1	< 6.5	6.5	U	1.9
tert-Butylbenzene	5,900	100,000	< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.2	< 6.5	6.5	U	1
Tetrachloroethene	1,300	19,000	**7**	8	J	1.7	**5.9**	7.4	J	1.6	**1.6**	7.3	J	1.5	< 6.5	6.5	U	1.4
Tetrahydrofuran (THF)			**20**	16		7.2	< 15	15	U	6.6	< 15	15	U	6.6	< 13	13	U	5.8
Toluene	700	100,000	< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	**2.2**	7.3	J	1.2	**2.3**	6.5	J	1
trans-1,2-Dichloroethene	190	100,000	< 8.0	8	U	1.6	< 7.4	7.4	U	1.5	< 7.3	7.3	U	1.5	< 6.5	6.5	U	1.3
trans-1,3-Dichloropropene			< 8.0	8	U	1.6	< 7.4	7.4	U	1.5	< 7.3	7.3	U	1.5	< 6.5	6.5	U	1.3
trabs-1,4-dichloro-2-butene			< 16	16	U	15	< 15	15	U	14	< 15	15	U	14	< 13	13	U	12
Trichloroethene	470	21,000	< 8.0	8	U	1.7	**2.3**	7.4	J	1.6	< 7.3	7.3	U	1.5	< 6.5	6.5	U	1.4
Trichlorofluoromethane			< 8.0	8	U	1.8	< 7.4	7.4	U	1.6	< 7.3	7.3	U	1.6	< 6.5	6.5	U	1.4
Trichlorotrifluoroethane			< 8.0	8	U	1.3	< 7.4	7.4	U	1.2	< 7.3	7.3	U	1.1	< 6.5	6.5	U	1
Vinyl Chloride	20	900	< 8.0	8	U	2.6	< 7.4	7.4	U	2.4	< 7.3	7.3	U	2.4	< 6.5	6.5	U	2.1
Total VOCs Concentration			**27**				**8.2**				**32.8**				**2.3**			

COMPOUND	B12								B13								Duplicate 1				Duplicate 2			
	(0-2') 1/7/2014 µg/Kg				(6-8') 1/7/2014 µg/Kg				(0-2') 1/7/2014 µg/Kg				(6-8') 1/7/2014 µg/Kg				(B7 10-15') 1/7/2014 µg/Kg				(B610-15') 1/7/2014 µg/Kg			
	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,1,1,2-Tetrachlorothane	< 9.0	9	U	1.5	< 7.1	7.1	U	1.2	< 7.6	7.6	U	1.2	< 8.5	8.5	U	1.4	< 9.5	9.5	U	1.6	< 6.8	6.8	U	1.1
1,1,1-Trichloroethane	< 9.0	9	U	1.8	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.4
1,1,2,2-Tetrachloroethane	< 9.0	9	U	1.3	< 7.1	7.1	U	1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.4	< 6.8	6.8	U	0.97
1,1,2-Trichloroethane	< 9.0	9	U	0.89	< 7.1	7.1	U	0.7	< 7.6	7.6	U	0.74	< 8.5	8.5	U	0.83	< 9.5	9.5	U	0.94	< 6.8	6.8	U	0.67
1,1-Dichloroethane	< 9.0	9	U	1.8	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.4
1,1-Dichloroethene	< 9.0	9	U	2	< 7.1	7.1	U	1.6	< 7.6	7.6	U	1.6	< 8.5	8.5	U	1.9	< 9.5	9.5	U	2.1	< 6.8	6.8	U	1.5
1,1-Dichloropropene	< 9.0	9	U	1.8	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.3
1,2,3-Trichlorobenzene	< 9.0	9	U	1.8	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.4
1,2,3-Trichloropropane	< 9.0	9	U	1.3	< 7.1	7.1	U	1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.4	< 6.8	6.8	U	0.97
1,2,4-Trichlorobenzene	< 9.0	9	U	1.8	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.4
1,2,4-Trimethylbenzene	< 9.0	9	U	1.3	< 7.1	7.1	U	1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.4	< 6.8	6.8	U	0.98
1,2-Dibromo-3-chloropropane	< 9.0	9	U	2.4	< 7.1	7.1	U	1.9	< 7.6	7.6	U	2	< 8.5	8.5	U	2.3	< 9.5	9.5	U	2.6	< 6.8	6.8	U	1.8
1,2-Dibromoethane	< 9.0	9	U	2.4	< 7.1	7.1	U	1.9	< 7.6	7.6	U	2	< 8.5	8.5	U	2.3	< 9.5	9.5	U	2.5	< 6.8	6.8	U	1.8
1,2-Dichlorobenzene	< 9.0	9	U	0.99	< 7.1	7.1	U	0.79	< 7.6	7.6	U	0.83	< 8.5	8.5	U	0.94	< 9.5	9.5	U	1.1	< 6.8	6.8	U	0.75
1,2-Dichloroethane	< 9.0	9	U	0.8	< 7.1	7.1	U	0.63	< 7.6	7.6	U	0.67	< 8.5	8.5	U	0.75	< 9.5	9.5	U	0.84	< 6.8	6.8	U	0.6
1,2-Dichloropropane	< 9.0	9	U	1.3	< 7.1	7.1	U	1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.4	< 6.8	6.8	U	0.97
1,3,5-Trimethylbenzene	< 9.0	9	U	1.2	< 7.1	7.1	U	0.94	< 7.6	7.6	U	1	< 8.5	8.5	U	1.1	< 9.5	9.5	U	1.3	< 6.8	6.8	U	0.9
1,3-Dichlorobenzene	< 9.0	9	U	1.3	< 7.1	7.1	U	1.1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.3	< 9.5	9.5	U	1.4	< 6.8	6.8	U	1
1,3-Dichloropropane	< 9.0	9	U	0.96	< 7.1	7.1	U	0.76	< 7.6	7.6	U	0.8	< 8.5	8.5	U	0.9	< 9.5	9.5	U	1	< 6.8	6.8	U	0.72
1,4-Dichlorobenzene	< 9.0	9	U	1.4	< 7.1	7.1	U	1.1	< 7.6	7.6	U	1.2	< 8.5	8.5	U	1.3	< 9.5	9.5	U	1.5	< 6.8	6.8	U	1.1
2,2-Dichloropropane	< 9.0	9	U	1.5	< 7.1	7.1	U	1.2	< 7.6	7.6	U	1.3	< 8.5	8.5	U	1.4	< 9.5	9.5	U	1.6	< 6.8	6.8	U	1.1
2-Chlorotoluene	< 9.0	9	U	1.4	< 7.1	7.1	U	1.1	< 7.6	7.6	U	1.2	< 8.5	8.5	U	1.4	< 9.5	9.5	U	1.5	< 6.8	6.8	U	1.1
2-Hexanone (Methyl Butyl Ketone)	< 45	45	U	4.1	< 36	36	U	3.2	< 38	38	U	3.4	< 43	43	U	3.8	< 48	48	U	4.3	< 34	34	U	3.1
2-Isopropyltoluene	< 9.0	9	U	1.2	< 7.1	7.1	U	0.99	< 7.6	7.6	U	1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.3	< 6.8	6.8	U	0.94
4-Chlorotoluene	< 9.0	9	U	1	< 7.1	7.1	U	0.83	< 7.6	7.6	U	0.88	< 8.5	8.5	U	0.99	< 9.5	9.5	U	1.1	< 6.8	6.8	U	0.79
4-Methyl-2-Pentanone	< 45	45	U	2.2	< 36	36	U	1.7	< 38	38	U	1.8	< 43	43	U	2	< 48	48	U	2.3	< 34	34	U	1.6
Acetone	**55**	50	JS	9	**150**	50	S	7.1	**160**	50	S	7.5	**190**	50	S	8.5	**39**	50	JS	9.5	< 50	50	U	6.8
Acrylonitrile	< 18	18	U	5.1	< 14	14	U	4	< 15	15	U	4.2	< 17	17	U	4.8	< 19	19	U	5.4	< 14	14	U	3.8
Benzene	< 9.0	9	U	1.8	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.4
Bromobenzene	< 9.0	9	U	1.2	< 7.1	7.1	U	0.93	< 7.6	7.6	U	0.98	< 8.5	8.5	U	1.1	< 9.5	9.5	U	1.2	< 6.8	6.8	U	0.89
Bromochloromethane	< 9.0	9	U	1.3	< 7.1	7.1	U	1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.4	< 6.8	6.8	U	1
Bromodichloromethane	< 9.0	9	U	1.1	< 7.1	7.1	U	0.89	< 7.6	7.6	U	0.94	< 8.5	8.5	U	1.1	< 9.5	9.5	U	1.2	< 6.8	6.8	U	0.85
Bromoform	< 9.0	9	U	1.3	< 7.1	7.1	U	1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.3	< 6.8	6.8	U	0.96
Bromomethane	< 9.0	9	U	7	< 7.1	7.1	U	5.5	< 7.6	7.6	U	5.8	< 8.5	8.5	U	6.6	< 9.5	9.5	U	7.4	< 6.8	6.8	U	5.3
Carbon Disulfide	< 9.0	9	U	1.5	< 7.1	7.1	U	1.2	< 7.6	7.6	U	1.2	< 8.5	8.5	U	1.4	< 9.5	9.5	U	1.5	< 6.8	6.8	U	1.1
Carbon tetrachloride	< 9.0	9	U	1	< 7.1	7.1	U	0.83	< 7.6	7.6	U	0.88	< 8.5	8.5	U	0.99	< 9.5	9.5	U	1.1	< 6.8	6.8	U	0.79
Chlorobenzene	< 9.0	9	U	1.3	< 7.1	7.1	U	1.1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.3	< 9.5	9.5	U	1.4	< 6.8	6.8	U	1
Chloroethane	< 9.0	9	U	2.1	< 7.1	7.1	U	1.7	< 7.6	7.6	U	1.8	< 8.5	8.5	U	2	< 9.5	9.5	U	2.2	< 6.8	6.8	U	1.6
Chloroform	< 9.0	9	U	1.6	< 7.1	7.1	U	1.3	< 7.6	7.6	U	1.4	< 8.5	8.5	U	1.6	< 9.5	9.5	U	1.7	< 6.8	6.8	U	1.2
Chloromethane	< 9.0	9	U	4.7	< 7.1	7.1	U	3.7	< 7.6	7.6	U	4	< 8.5	8.5	U	4.5	< 9.5	9.5	U	5	< 6.8	6.8	U	3.6
cis-1,2-Dichloroethene	< 9.0	9	U	2	< 7.1	7.1	U	1.6	< 7.6	7.6	U	1.6	< 8.5	8.5	U	1.9	< 9.5	9.5	U	2.1	< 6.8	6.8	U	1.5
cis-1,3-Dichloropropene	< 9.0	9	U	0.98	< 7.1	7.1	U	0.77	< 7.6	7.6	U	0.82	< 8.5	8.5	U	0.92	< 9.5	9.5	U	1	< 6.8	6.8	U	0.74
Dibromochloromethane	< 9.0	9	U	1	< 7.1	7.1	U	0.8	< 7.6	7.6	U	0.85	< 8.5	8.5	U	0.95	< 9.5	9.5	U	1.1	< 6.8	6.8	U	0.77
Dibromomethane	< 9.0	9	U	1.1	< 7.1	7.1	U	0.9	< 7.6	7.6	U	0.95	< 8.5	8.5	U	1.1	< 9.5	9.5	U	1.2	< 6.8	6.8	U	0.86
Dichlorodifluoromethane	< 9.0	9	U	2.4	< 7.1	7.1	U	1.9	< 7.6	7.6	U	2	< 8.5	8.5	U	2.3	< 9.5	9.5	U	2.5	< 6.8	6.8	U	1.8
Ethylbenzene	< 9.0	9	U	1.6	< 7.1	7.1	U	1.3	< 7.6	7.6	U	1.4	< 8.5	8.5	U	1.6	< 9.5	9.5	U	1.7	< 6.8	6.8	U	1.2
Hexachlorobutadiene	< 9.0	9	U	1.9	< 7.1	7.1	U	1.5	< 7.6	7.6	U	1.6	< 8.5	8.5	U	1.8	< 9.5	9.5	U	2	< 6.8	6.8	U	1.4
Isopropylbenzene	< 9.0	9	U	1.7	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.6	< 9.5	9.5	U	1.8	< 6.8	6.8	U	1.3
m&p-Xylenes	< 9.0	9	U	3.6	< 7.1	7.1	U	2.8	< 7.6	7.6	U	3	< 8.5	8.5	U	3.4	< 9.5	9.5	U	3.8	< 6.8	6.8	U	2.7
Methyl Ethyl Ketone (2-Butanone)	< 54	54	U	7.8	< 43	43	U	6.2	< 45	45	U	6.6	< 51	51	U	7.4	< 57	57	U	8.3	< 41	41	U	5.9
Methyl t-butyl ether (MTBE)	< 18	18	U	2.5	< 14	14	U	2	< 15	15	U	2.1	< 17	17	U	2.4	< 19	19	U	2.6	< 14	14	U	1.9
Methylene chloride	< 9.0	9	U	1.5	< 7.1	7.1	U	1.2	< 7.6	7.6	U	1.2	< 8.5	8.5	U	1.4	**2.5**	9.5	JS	1.6	< 6.8	6.8	U	1.1
Naphthalene	< 9.0	9	U	2.4	< 7.1	7.1	U	1.9	< 7.6	7.6	U	2	< 8.5	8.5	U	2.3	< 9.5	9.5	U	2.6	< 6.8	6.8	U	1.8
n-Butylbenzene	< 9.0	9	U	1.6	< 7.1	7.1	U	1.3	< 7.6	7.6	U	1.4	< 8.5	8.5	U	1.6	< 9.5	9.5	U	1.7	< 6.8	6.8	U	1.2
n-Propylbenzene	< 9.0	9	U	1.6	< 7.1	7.1	U	1.3	< 7.6	7.6	U	1.4	< 8.5	8.5	U	1.5	< 9.5	9.5	U	1.7	< 6.8	6.8	U	1.2
o-Xylene	< 9.0	9	U	3.5	< 7.1	7.1	U	2.7	< 7.6	7.6	U	2.9	< 8.5	8.5	U	3.3	< 9.5	9.5	U	3.6	< 6.8	6.8	U	2.6
p-Isopropyltoluene	< 9.0	9	U	1.3	< 7.1	7.1	U	1	< 7.6	7.6	U	1.1	< 8.5	8.5	U	1.2	< 9.5	9.5	U	1.4	< 6.8	6.8	U	0.98
sec-Butylbenzene	< 9.0	9	U	1.7	< 7.1	7.1	U	1.3	< 7.6	7.6	U	1.4	< 8.5	8.5	U	1.6	< 9.5	9.5	U	1.8	< 6.8	6.8	U	1.3
Styrene	< 9.0	9	U	2.6	< 7.1	7.1	U	2.1	< 7.6	7.6	U	2.2	< 8.5	8.5	U	2.5	< 9.5	9.5	U	2.7	< 6.8	6.8	U	2
tert-Butylbenzene	< 9.0	9	U	1.4	< 7.1	7.1	U	1.1	< 7.6	7.6	U	1.2	< 8.5	8.5	U	1.4	< 9.5	9.5	U	1.5	< 6.8	6.8	U	1.1
Tetrachloroethene	**12**	9		1.9	< 7.1	7.1	U	1.5	< 7.6	7.6	U	1.6	< 8.5	8.5	U	1.8	**32**	9.5		2	**4**	6.8	J	1.4
Tetrahydrofuran (THF)	< 18	18	U	8.1	< 14	14	U	6.4	< 15	15	U	6.8	< 17	17	U	7.7	< 19	19	U	8.6	< 14	14	U	6.2
Toluene	< 9.0	9	U	1.4	**2.8**	7.1	J	1.1	< 7.6	7.6	U	1.2	**2.5**	8.5	J	1.3	< 9.5	9.5	U	1.5	< 6.8	6.8	U	1.1
trans-1,2-Dichloroethene	< 9.0	9	U	1.8	< 7.1	7.1	U	1.4	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.4
trans-1,3-Dichloropropene	< 9.0	9	U	1.8	< 7.1	7.1	U	1.5	< 7.6	7.6	U	1.5	< 8.5	8.5	U	1.7	< 9.5	9.5	U	1.9	< 6.8	6.8	U	1.4
trabs-1,4-dichloro-2-butene	< 18	18	U	17	< 14	14	U	13	< 15	15	U	14	< 17	17	U	16	< 19	19	U	18	< 14	14	U	13
Trichloroethene	< 9.0	9	U	1.9	< 7.1	7.1	U	1.5	< 7.6	7.6	U	1.6	< 8.5	8.5	U	1.8	< 9.5	9.5	U	2	< 6.8	6.8	U	1.4
Trichlorofluoromethane	< 9.0	9	U	2	< 7.1	7.1	U	1.6	< 7.6	7.6	U	1.7	< 8.5	8.5	U	1.9	< 9.5	9.5	U	2.1	< 6.8	6.8	U	1.5
Trichlorotrifluoroethane	< 9.0	9	U	1.4	< 7.1	7.1	U	1.1	< 7.6	7.6	U	1.2	< 8.5	8.5	U	1.3	< 9.5	9.5	U	1.5	< 6.8	6.8	U	1.1
Vinyl Chloride	< 9.0	9	U	2.9	< 7.1	7.1	U	2.3	< 7.6	7.6	U	2.4	< 8.5	8.5	U	2.8	< 9.5	9.5	U	3.1	< 6.8	6.8	U	2.2
Total VOCs Concentration	**67.0**				**152.8**				**160**				**192.5**				**73.5**				**3.7**			

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times th
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B1				B2				B3				B4				B5				Duplicate B3		B6			
			(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(0-2') 1/7/2014 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	Qual	MDL
1,2,4,5-Tetrachlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	130
1,2,4-Trichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
1,2-Dichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
1,2-Diphenylhydrazine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	120
1,3-Dichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
1,4-Dichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
2,4,5-Trichlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	200
2,4,6-Trichlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
2,4-Dichlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	130
2,4-Dimethylphenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	88
2,4-Dinitrophenol			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	250
2,4-Dinitrotoluene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	140
2,6-Dinitrotoluene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
2-Chloronaphthalene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
2-Chlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
2-Methylnaphthalene			ND	270	ND	250	ND	260	ND	260	**570**	260	**410**	250	ND	2,700	ND	260	ND	250	ND	240	**360**	260	< 250	250	U	110
2-Methylphenol (o-cresol)	330	100,000	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	170
2-Nitroaniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	360
2-Nitrophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	230
3&4-Methylphenol (m&p-cresol)			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	140
3,3'-Dichlorobenzidine			ND	770	ND	700	ND	760	ND	740	ND	750	ND	720	ND	7,700	ND	740	ND	720	ND	680	ND	750	< 710	710	U	170
3-Nitroaniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	780
4,6-Dinitro-2-methylphenol			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	380
4-Bromophenyl phenyl ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
4-Chloro-3-methylphenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	130
4-Chloroaniline			ND	770	ND	700	ND	760	ND	740	ND	750	ND	720	ND	7,700	ND	740	ND	720	ND	680	ND	750	< 710	710	U	170
4-Chlorophenyl phenyl ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	120
4-Nitroaniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	120
4-Nitrophenol			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	160
Acenaphthene	20,000	100,000	**1,000**	270	ND	250	ND	260	ND	260	**710**	260	**540**	250	ND	2,700	ND	260	ND	250	ND	240	**420**	260	< 250	250	U	110
Acenaphthylene	100,000	100,000	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
Acetophenone			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
Aniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	720
Anthracene	100,000	100,000	**1,900**	270	**150**	250	ND	260	ND	260	**1,500**	260	**1,100**	250	ND	2,700	ND	260	ND	250	ND	240	**880**	260	< 250	250	U	120
Benz(a)anthracene	1,000	1,000	**4,300**	270	**320**	250	**140**	260	ND	260	**2,000**	260	**1,600**	250	ND	2,700	ND	260	**230**	250	ND	240	**1,200**	260	< 250	250	U	120
Benzidine			ND	770	ND	700	ND	760	ND	740	ND	750	ND	720	ND	7,700	ND	740	ND	720	ND	680	ND	750	< 710	710	U	210
Benzo(a)pyrene	1,000	1,000	**3,500**	270	**260**	250	ND	260	ND	260	**1,500**	260	**1,200**	250	ND	2,700	ND	260	**220**	250	ND	240	**890**	260	< 250	250	U	120
Benzo(b)fluoranthene	1,000	1,000	**4,000**	270	**300**	250	**160**	260	ND	260	**1,900**	260	**1,600**	250	ND	2,700	ND	260	**310**	250	ND	240	**1,100**	260	< 250	250	U	120
Benzo(ghi)perylene	100,000	100,000	**2,700**	270	**190**	250	ND	260	ND	260	**1,000**	260	**850**	250	ND	2,700	ND	260	**170**	250	ND	240	**580**	260	< 250	250	U	120
Benzo(k)fluoranthene	800	1,000	**1,300**	270	ND	250	ND	260	ND	260	**680**	260	**510**	250	ND	2,700	ND	260	ND	250	ND	240	**400**	260	< 250	250	U	120
Benzoic acid			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900	< 1800	1,800	U	710
Benzyl butyl phthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	92
Bis(2-chloroethoxy)methane			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	98
Bis(2-chloroethyl)ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	96
Bis(2-chloroisopropyl)ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	99
Bis(2-ethylhexyl)phthalate			ND	270	ND	250	ND	260	ND	260	**3,100**	260	**6,200**	250	ND	2,700	ND	260	ND	250	ND	240	**3,000**	260	< 250	250	U	100
Carbazole			**730**	1,900	ND	1,800	ND	1,900	ND	1,800	**1,000**	1,900	**910**	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	**550**	1,900	< 1800	1,800	U	270
Chrysene	1,000	1,000	**4,900**	270	**340**	250	**140**	260	ND	260	**2,200**	260	**1,800**	250	ND	2,700	ND	260	**270**	250	ND	240	**1,400**	260	< 250	250	U	120
Dibenz(a,h)anthracene	330	330	**560**	270	ND	250	ND	260	ND	260	**330**	260	**220**	250	ND	2,700	ND	260	ND	250	ND	240	**160**	260	< 250	250	U	120
Dibenzofuran	7,000	59,000	**350**	270	ND	250	ND	260	ND	260	**570**	260	**440**	250	ND	2,700	ND	260	ND	250	ND	240	**350**	260	< 250	250	U	100
Diethyl phthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
Dimethylphthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
Di-n-butylphthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	95
Di-n-octylphthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	92
Fluoranthene	100,000	100,000	**8,100**	270	**840**	250	**380**	260	**170**	260	**4,500**	260	**3,600**	250	ND	2,700	ND	260	**490**	250	ND	240	**3,200**	260	**190**	250	J	120
Fluorene	30,000	100,000	**710**	270	ND	250	ND	260	ND	260	**830**	260	**580**	250	ND	2,700	ND	260	ND	250	ND	240	**490**	260	< 250	250	U	120
Hexachlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
Hexachlorobutadiene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	130
Hexachlorocyclopentadiene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
Hexachloroethane			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
Indeno(1,2,3-cd)pyrene	500	500	**2,000**	270	**140**	250	ND	260	ND	260	**870**	260	**690**	250	ND	2,700	ND	260	**140**	250	ND	240	**500**	260	< 250	250	U	120
Isophorone			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
Naphthalene	12,000	100,000	**160**	270	ND	250	ND	260	ND	260	**870**	260	**630**	250	ND	2,700	ND	260	ND	250	ND	240	**490**	260	< 250	250	U	100
Nitrobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	120
N-Nitrosodimethylamine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	100
N-Nitrosodi-n-propylamine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	120
N-Nitrosodiphenylamine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	140
Pentachloronitrobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	130
Pentachlorophenol	800	2,400	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	130
Phenanthrene	100,000	100,000	**9,200**	270	**740**	250	**400**	260	**190**	260	**6,800**	260	**5,400**	250	ND	2,700	ND	260	**280**	250	ND	240	**4,200**	260	**210**	250	J	100
Phenol	330	100,000	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	110
Pyrene	100,000	100,000	**8,900**	270	**1,000**	250	**350**	260	**150**	260	**3,700**	260	**3,000**	250	ND	2,700	ND	260	**430**	250	ND	240	**2,700**	260	**140**	250	J	120
Pyridine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260	< 250	250	U	88

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B6								B7												B8											
			(10-12') 1/7/2014 µg/Kg				(43-45') 1/7/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 250	250	U	130	< 260	260	U	130	< 290	290	U	150	< 310	310	U	160	< 250	250	U	130	< 260	260	U	130	< 290	290	U	140	< 250	250	U	120
1,2,4-Trichlorobenzene			< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	110
1,2-Dichlorobenzene			< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 250	250	U	99
1,2-Diphenylhydrazine			< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
1,3-Dichlorobenzene			< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
1,4-Dichlorobenzene			< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
2,4,5-Trichlorophenol			< 250	250	U	200	< 260	260	U	200	< 290	290	U	230	< 310	310	U	240	< 250	250	U	200	< 260	260	U	200	< 290	290	U	220	< 250	250	U	190
2,4,6-Trichlorophenol			< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
2,4-Dichlorophenol			< 250	250	U	130	< 260	260	U	130	< 290	290	U	150	< 310	310	U	160	< 250	250	U	130	< 260	260	U	130	< 290	290	U	140	< 250	250	U	120
2,4-Dimethylphenol			< 250	250	U	89	< 260	260	U	92	< 290	290	U	100	< 310	310	U	110	< 250	250	U	89	< 260	260	U	92	< 290	290	U	100	< 250	250	U	87
2,4-Dinitrophenol			< 1800	1,800	U	250	< 1900	1,900	U	260	< 2100	2,100	U	290	< 2200	2,200	U	310	< 1800	1,800	U	250	< 1800	1,800	U	260	< 2000	2,000	U	290	< 1800	1,800	U	250
2,4-Dinitrotoluene			< 250	250	U	140	< 260	260	U	150	< 290	290	U	160	< 310	310	U	180	< 250	250	U	140	< 260	260	U	150	< 290	290	U	160	< 250	250	U	140
2,6-Dinitrotoluene			< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
2-Chloronaphthalene			< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 250	250	U	100
2-Chlorophenol			< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 250	250	U	100
2-Methylnaphthalene			< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
2-Methylphenol (o-cresol)	330	100,000	< 250	250	U	170	< 260	260	U	170	< 290	290	U	190	< 310	310	U	210	< 250	250	U	170	< 260	260	U	170	< 290	290	U	190	< 250	250	U	170
2-Nitroaniline			< 1800	1,800	U	360	< 1900	1,900	U	370	< 2100	2,100	U	420	< 2200	2,200	U	450	< 1800	1,800	U	360	< 1800	1,800	U	370	< 2000	2,000	U	410	< 1800	1,800	U	360
2-Nitrophenol			< 250	250	U	230	< 260	260	U	230	< 290	290	U	260	< 310	310	U	280	< 250	250	U	230	< 260	260	U	230	< 290	290	U	260	< 250	250	U	220
3&4-Methylphenol (m&p-cresol)			< 250	250	U	140	< 260	260	U	150	< 290	290	U	160	< 310	310	U	180	< 250	250	U	140	< 260	260	U	150	< 290	290	U	160	< 250	250	U	140
3,3'-Dichlorobenzidine			< 720	720	U	170	< 740	740	U	170	< 820	820	U	190	< 890	890	U	210	< 720	720	U	170	< 740	740	U	170	< 820	820	U	190	< 700	700	U	170
3-Nitroaniline			< 1800	1,800	U	780	< 1900	1,900	U	810	< 2100	2,100	U	900	< 2200	2,200	U	970	< 1800	1,800	U	780	< 1800	1,800	U	800	< 2000	2,000	U	890	< 1800	1,800	U	770
4,6-Dinitro-2-methylphenol			< 1800	1,800	U	390	< 1900	1,900	U	400	< 2100	2,100	U	440	< 2200	2,200	U	480	< 1800	1,800	U	390	< 1800	1,800	U	400	< 2000	2,000	U	440	< 1800	1,800	U	380
4-Bromophenyl phenyl ether			< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
4-Chloro-3-methylphenol			< 250	250	U	130	< 260	260	U	130	< 290	290	U	150	< 310	310	U	160	< 250	250	U	130	< 260	260	U	130	< 290	290	U	140	< 250	250	U	120
4-Chloroaniline			< 720	720	U	170	< 740	740	U	170	< 820	820	U	190	< 890	890	U	210	< 720	720	U	170	< 740	740	U	170	< 820	820	U	190	< 700	700	U	160
4-Chlorophenyl phenyl ether			< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 250	250	U	120
4-Nitroaniline			< 1800	1,800	U	120	< 1900	1,900	U	120	< 2100	2,100	U	140	< 2200	2,200	U	150	< 1800	1,800	U	120	< 1800	1,800	U	120	< 2000	2,000	U	140	< 1800	1,800	U	120
4-Nitrophenol			< 1800	1,800	U	160	< 1900	1,900	U	170	< 2100	2,100	U	190	< 2200	2,200	U	200	< 1800	1,800	U	160	< 1800	1,800	U	170	< 2000	2,000	U	180	< 1800	1,800	U	160
Acenaphthene	20,000	100,000	< 250	250	U	110	< 260	260	U	110	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	110
Acenaphthylene	100,000	100,000	< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 310	310	U	120	< 250	250	U	100	< 260	260	U	100	< 290	290	U	110	< 250	250	U	99
Acetophenone			< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
Aniline			< 1800	1,800	U	720	< 1900	1,900	U	750	< 2100	2,100	U	830	< 2200	2,200	U	900	< 1800	1,800	U	720	< 1800	1,800	U	750	< 2000	2,000	U	820	< 1800	1,800	U	710
Anthracene	100,000	100,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	120
Benz(a)anthracene	1,000	1,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 250	250	U	120
Benzidine			< 720	720	U	210	< 740	740	U	220	< 820	820	U	240	< 890	890	U	260	< 720	720	U	210	< 740	740	U	220	< 820	820	U	240	< 700	700	U	210
Benzo(a)pyrene	1,000	1,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
Benzo(b)fluoranthene	1,000	1,000	< 250	250	U	120	< 260	260	U	130	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	130	< 290	290	U	140	< 250	250	U	120
Benzo(ghi)perylene	100,000	100,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
Benzo(k)fluoranthene	800	1,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 250	250	U	120
Benzoic acid			< 1800	1,800	U	720	< 1900	1,900	U	740	< 2100	2,100	U	820	< 2200	2,200	U	890	< 1800	1,800	U	720	< 1800	1,800	U	740	< 2000	2,000	U	820	< 1800	1,800	U	700
Benzyl butyl phthalate			< 250	250	U	93	< 260	260	U	96	< 290	290	U	110	< 310	310	U	110	< 250	250	U	92	< 260	260	U	95	< 290	290	U	110	< 250	250	U	91
Bis(2-chloroethoxy)methane			< 250	250	U	99	< 260	260	U	100	< 290	290	U	110	< 310	310	U	120	< 250	250	U	99	< 260	260	U	100	< 290	290	U	110	< 250	250	U	97
Bis(2-chloroethyl)ether			< 250	250	U	97	< 260	260	U	100	< 290	290	U	110	< 310	310	U	120	< 250	250	U	97	< 260	260	U	100	< 290	290	U	110	< 250	250	U	95
Bis(2-chloroisopropyl)ether			< 250	250	U	100	< 260	260	U	100	< 290	290	U	110	< 310	310	U	120	< 250	250	U	100	< 260	260	U	100	< 290	290	U	110	< 250	250	U	98
Bis(2-ethylhexyl)phthalate			< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
Carbazole			< 1800	1,800	U	270	< 1900	1,900	U	280	< 2100	2,100	U	310	< 2200	2,200	U	340	< 1800	1,800	U	270	< 1800	1,800	U	280	< 2000	2,000	U	310	< 1800	1,800	U	270
Chrysene	1,000	1,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 250	250	U	120
Dibenz(a,h)anthracene	330	330	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
Dibenzofuran	7,000	59,000	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
Diethyl phthalate			< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
Dimethylphthalate			< 250	250	U	110	< 260	260	U	110	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	110	< 290	290	U	130	< 250	250	U	110
Di-n-butylphthalate			< 250	250	U	95	< 260	260	U	99	< 290	290	U	110	< 310	310	U	120	< 250	250	U	95	< 260	260	U	98	< 290	290	U	110	< 250	250	U	94
Di-n-octylphthalate			< 250	250	U	93	< 260	260	U	96	< 290	290	U	110	< 310	310	U	110	< 250	250	U	92	< 260	260	U	95	< 290	290	U	110	< 250	250	U	91
Fluoranthene	100,000	100,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
Fluorene	30,000	100,000	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	120
Hexachlorobenzene			< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
Hexachlorobutadiene			< 250	250	U	130	< 260	260	U	130	< 290	290	U	150	< 310	310	U	160	< 250	250	U	130	< 260	260	U	130	< 290	290	U	150	< 250	250	U	130
Hexachlorocyclopentadiene			< 250	250	U	110	< 260	260	U	110	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	110
Hexachloroethane			< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	110	< 260	260	U	110	< 290	290	U	120	< 250	250	U	110
Indeno(1,2,3-cd)pyrene	500	500	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	120	< 290	290	U	140	< 250	250	U	120
Isophorone			< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 310	310	U	120	< 250	250	U	100	< 260	260	U	100	< 290	290	U	110	< 250	250	U	99
Naphthalene	12,000	100,000	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
Nitrobenzene			< 250	250	U	130	< 260	260	U	130	< 290	290	U	140	< 310	310	U	160	< 250	250	U	130	< 260	260	U	130	< 290	290	U	140	< 250	250	U	120
N-Nitrosodimethylamine			< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	100	< 290	290	U	120	< 250	250	U	99
N-Nitrosodi-n-propylamine			< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	120	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
N-Nitrosodiphenylamine			< 250	250	U	140	< 260	260	U	140	< 290	290	U	160	< 310	310	U	170	< 250	250	U	140	< 260	260	U	140	< 290	290	U	160	< 250	250	U	140
Pentachloronitrobenzene			< 250	250	U	130	< 260	260	U	140	< 290	290	U	150	< 310	310	U	170	< 250	250	U	130	< 260	260	U	140	< 290	290	U	150	< 250	250	U	130
Pentachlorophenol	800	2,400	< 250	250	U	140	< 260	260	U	140	< 290	290	U	160	< 310	310	U	170	< 250	250	U	140	< 260	260	U	140	< 290	290	U	150	< 250	250	U	130
Phenanthrene	100,000	100,000	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 310	310	U	130	< 250	250	U	100	< 260	260	U	110	< 290	290	U	120	< 250	250	U	100
Phenol	330	100,000	< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 310	310	U	140	< 250	250	U	110	< 260	260	U	120	< 290	290	U	130	< 250	250	U	110
Pyrene	100,000	100,000	< 250	250	U	120	< 260	260	U	130	< 290	290	U	140	< 310	310	U	150	< 250	250	U	120	< 260	260	U	130	< 290	290	U	140	< 250	250	U	120
Pyridine			< 250	250	U	88	< 260	260	U	91	< 290	290	U	100	< 310	310	U	110	< 250	250	U	88	< 260	260	U	91	< 290	290	U	100	< 250	250	U	87

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five ti
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B9												B10												B11							
			(0-2') 1/7/2014 µg/Kg				(10-12') 1/7/2014 µg/Kg				(43-45') 1/7/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg				(0-2') 1/7/2014 µg/Kg				(6-8ft) 1/7/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 260	260	U	130	< 250	250	U	130	< 260	260	U	130	< 270	270	U	140	< 270	270	U	130	< 260	260	U	130	< 260	260	U	130	< 250	250	U	130
1,2,4-Trichlorobenzene			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 270	270	U	120	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
1,2-Dichlorobenzene			< 260	260	U	110	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
1,2-Diphenylhydrazine			< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
1,3-Dichlorobenzene			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
1,4-Dichlorobenzene			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
2,4,5-Trichlorophenol			< 260	260	U	200	< 250	250	U	200	< 260	260	U	200	< 270	270	U	210	< 270	270	U	210	< 260	260	U	200	< 260	260	U	200	< 250	250	U	200
2,4,6-Trichlorophenol			< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
2,4-Dichlorophenol			< 260	260	U	130	< 250	250	U	130	< 260	260	U	130	< 270	270	U	140	< 270	270	U	130	< 260	260	U	130	< 260	260	U	130	< 250	250	U	130
2,4-Dimethylphenol			< 260	260	U	93	< 250	250	U	90	< 260	260	U	91	< 270	270	U	96	< 270	270	U	95	< 260	260	U	91	< 260	260	U	91	< 250	250	U	90
2,4-Dinitrophenol			< 1900	1,900	U	260	< 1800	1,800	U	250	< 1800	1,800	U	260	< 1900	1,900	U	270	< 1900	1,900	U	270	< 1800	1,800	U	260	< 1800	1800	U	260	< 1800	1800	U	250
2,4-Dinitrotoluene			< 260	260	U	150	< 250	250	U	140	< 260	260	U	140	< 270	270	U	150	< 270	270	U	150	< 260	260	U	140	< 260	260	U	140	< 250	250	U	140
2,6-Dinitrotoluene			< 260	260	U	120	< 250	250	U	110	< 260	260	U	120	< 270	270	U	120	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	110
2-Chloronaphthalene			< 260	260	U	110	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
2-Chlorophenol			< 260	260	U	110	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
2-Methylnaphthalene			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
2-Methylphenol (o-cresol)	330	100,000	< 260	260	U	180	< 250	250	U	170	< 260	260	U	170	< 270	270	U	180	< 270	270	U	180	< 260	260	U	170	< 260	260	U	170	< 250	250	U	170
2-Nitroaniline			< 1900	1,900	U	380	< 1800	1,800	U	370	< 1800	1,800	U	370	< 1900	1,900	U	390	< 1900	1,900	U	390	< 1800	1,800	U	370	< 1800	1800	U	370	< 1800	1800	U	370
2-Nitrophenol			< 260	260	U	240	< 250	250	U	230	< 260	260	U	230	< 270	270	U	240	< 270	270	U	240	< 260	260	U	230	< 260	260	U	230	< 250	250	U	230
3&4-Methylphenol (m&p-cresol)			< 260	260	U	150	< 250	250	U	140	< 260	260	U	140	< 270	270	U	150	< 270	270	U	150	< 260	260	U	140	< 260	260	U	140	< 250	250	U	140
3,3'-Dichlorobenzidine			< 750	750	U	180	< 730	730	U	170	< 730	730	U	170	< 770	770	U	180	< 770	770	U	180	< 740	740	U	170	< 730	730	U	170	< 720	720	U	170
3-Nitroaniline			< 1900	1,900	U	810	< 1800	1,800	U	790	< 1800	1,800	U	800	< 1900	1,900	U	840	< 1900	1,900	U	830	< 1800	1,800	U	800	< 1800	1800	U	800	< 1800	1800	U	790
4,6-Dinitro-2-methylphenol			< 1900	1,900	U	400	< 1800	1,800	U	390	< 1800	1,800	U	400	< 1900	1,900	U	420	< 1900	1,900	U	410	< 1800	1,800	U	400	< 1800	1800	U	390	< 1800	1800	U	390
4-Bromophenyl phenyl ether			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
4-Chloro-3-methylphenol			< 260	260	U	130	< 250	250	U	130	< 260	260	U	130	< 270	270	U	140	< 270	270	U	130	< 260	260	U	130	< 260	260	U	130	< 250	250	U	130
4-Chloroaniline			< 750	750	U	170	< 730	730	U	170	< 730	730	U	170	< 770	770	U	180	< 770	770	U	180	< 740	740	U	170	< 730	730	U	170	< 720	720	U	170
4-Chlorophenyl phenyl ether			< 260	260	U	130	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	130	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
4-Nitroaniline			< 1900	1,900	U	120	< 1800	1,800	U	120	< 1800	1,800	U	120	< 1900	1,900	U	130	< 1900	1,900	U	130	< 1800	1,800	U	120	< 1800	1800	U	120	< 1800	1800	U	120
4-Nitrophenol			< 1900	1,900	U	170	< 1800	1,800	U	160	< 1800	1,800	U	170	< 1900	1,900	U	170	< 1900	1,900	U	170	< 1800	1,800	U	170	< 1800	1800	U	170	< 1800	1800	U	160
Acenaphthene	20,000	100,000	< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 270	270	U	120	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
Acenaphthylene	100,000	100,000	< 260	260	U	100	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
Acetophenone			< 260	260	U	120	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 270	270	U	120	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
Aniline			< 1900	1,900	U	760	< 1800	1,800	U	730	< 1800	1,800	U	740	< 1900	1,900	U	780	< 1900	1,900	U	770	< 1800	1,800	U	740	< 1800	1800	U	740	< 1800	1800	U	730
Anthracene	100,000	100,000	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	130	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Benz(a)anthracene	1,000	1,000	**140**	260	J	130	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	130	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Benzidine			< 750	750	U	220	< 730	730	U	210	< 730	730	U	220	< 770	770	U	230	< 770	770	U	230	< 740	740	U	220	< 730	730	U	220	< 720	720	U	210
Benzo(a)pyrene	1,000	1,000	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Benzo(b)fluoranthene	1,000	1,000	**140**	260	J	130	< 250	250	U	120	< 260	260	U	130	< 270	270	U	130	< 270	270	U	130	< 260	260	U	130	< 260	260	U	130	< 250	250	U	120
Benzo(ghi)perylene	100,000	100,000	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Benzo(k)fluoranthene	800	1,000	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	130	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Benzoic acid			< 1900	1,900	U	750	< 1800	1,800	U	730	< 1800	1,800	U	730	< 1900	1,900	U	770	< 1900	1,900	U	770	< 1800	1,800	U	740	< 1800	1800	U	730	< 1800	1800	U	720
Benzyl butyl phthalate			< 260	260	U	97	< 250	250	U	94	< 260	260	U	95	< 270	270	U	100	< 270	270	U	99	< 260	260	U	95	< 260	260	U	95	< 250	250	U	93
Bis(2-chloroethoxy)methane			< 260	260	U	100	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
Bis(2-chloroethyl)ether			< 260	260	U	100	< 250	250	U	98	< 260	260	U	99	< 270	270	U	100	< 270	270	U	100	< 260	260	U	99	< 260	260	U	99	< 250	250	U	98
Bis(2-chloroisopropyl)ether			< 260	260	U	100	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
Bis(2-ethylhexyl)phthalate			< 260	260	U	110	< 250	250	U	100	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	**110**	260	J	110	< 250	250	U	100
Carbazole			< 1900	1,900	U	280	< 1800	1,800	U	280	< 1800	1,800	U	280	< 1900	1,900	U	290	< 1900	1,900	U	290	< 1800	1,800	U	280	< 1800	1800	U	280	< 1800	1800	U	270
Chrysene	1,000	1,000	**150**	260	J	130	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	130	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Dibenz(a,h)anthracene	330	330	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Dibenzofuran	7,000	59,000	< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
Diethyl phthalate			< 260	260	U	120	< 250	250	U	110	< 260	260	U	120	< 270	270	U	120	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	110
Dimethylphthalate			< 260	260	U	120	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 270	270	U	120	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
Di-n-butylphthalate			< 260	260	U	99	< 250	250	U	97	< 260	260	U	98	< 270	270	U	100	< 270	270	U	100	< 260	260	U	98	< 260	260	U	98	< 250	250	U	96
Di-n-octylphthalate			< 260	260	U	97	< 250	250	U	94	< 260	260	U	95	< 270	270	U	100	< 270	270	U	99	< 260	260	U	95	< 260	260	U	95	< 250	250	U	93
Fluoranthene	100,000	100,000	**240**	260	J	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	120	< 260	260	U	120	**140**	260	J	120	< 250	250	U	120
Fluorene	30,000	100,000	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	130	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Hexachlorobenzene			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
Hexachlorobutadiene			< 260	260	U	140	< 250	250	U	130	< 260	260	U	130	< 270	270	U	140	< 270	270	U	140	< 260	260	U	130	< 260	260	U	130	< 250	250	U	130
Hexachlorocyclopentadiene			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 270	270	U	120	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
Hexachloroethane			< 260	260	U	110	< 250	250	U	110	< 260	260	U	110	< 270	270	U	120	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	110
Indeno(1,2,3-cd)pyrene	500	500	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	130	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Isophorone			< 260	260	U	100	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
Naphthalene	12,000	100,000	< 260	260	U	110	< 250	250	U	100	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	< 260	260	U	110	< 250	250	U	100
Nitrobenzene			< 260	260	U	130	< 250	250	U	130	< 260	260	U	130	< 270	270	U	140	< 270	270	U	130	< 260	260	U	130	< 260	260	U	130	< 250	250	U	130
N-Nitrosodimethylamine			< 260	260	U	110	< 250	250	U	100	< 260	260	U	100	< 270	270	U	110	< 270	270	U	110	< 260	260	U	100	< 260	260	U	100	< 250	250	U	100
N-Nitrosodi-n-propylamine			< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	130	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
N-Nitrosodiphenylamine			< 260	260	U	140	< 250	250	U	140	< 260	260	U	140	< 270	270	U	150	< 270	270	U	150	< 260	260	U	140	< 260	260	U	140	< 250	250	U	140
Pentachloronitrobenzene			< 260	260	U	140	< 250	250	U	140	< 260	260	U	140	< 270	270	U	140	< 270	270	U	140	< 260	260	U	140	< 260	260	U	140	< 250	250	U	130
Pentachlorophenol	800	2,400	< 260	260	U	140	< 250	250	U	140	< 260	260	U	140	< 270	270	U	150	< 270	270	U	140	< 260	260	U	140	< 260	260	U	140	< 250	250	U	140
Phenanthrene	100,000	100,000	**150**	260	J	110	< 250	250	U	100	< 260	260	U	110	< 270	270	U	110	< 270	270	U	110	< 260	260	U	110	**220**	260	J	100	< 250	250	U	100
Phenol	330	100,000	< 260	260	U	120	< 250	250	U	120	< 260	260	U	120	< 270	270	U	120	< 270	270	U	120	< 260	260	U	120	< 260	260	U	120	< 250	250	U	120
Pyrene	100,000	100,000	**260**	260		130	< 250	250	U	120	< 260	260	U	130	< 270	270	U	130	< 270	270	U	130	< 260	260	U	130	**150**	260	J	130	< 250	250	U	120
Pyridine			< 260	260	U	92	< 250	250	U	89	< 260	260	U	90	< 270	270	U	95	< 270	270	U	94	< 260	260	U	90	< 260	260	U	90	< 250	250	U	89

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five ti
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B12								B13								Duplicate 1				Duplicate 2			
			(0-2') 1/7/2014 µg/Kg				(6-8') 1/7/2014 µg/Kg				(0-2') 1/7/2014 µg/Kg				(6-8') 1/7/2014 µg/Kg				(B7 10-15') 1/7/2014 µg/Kg				(B610-15') 1/7/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene			< 290	290	U	150	< 260	260	U	130	< 270	270	U	140	< 250	250	U	130	< 300	300	U	150	< 260	260	U	130
1,2,4-Trichlorobenzene			< 290	290	U	130	< 260	260	U	110	< 270	270	U	120	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
1,2-Dichlorobenzene			< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
1,2-Diphenylhydrazine			< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
1,3-Dichlorobenzene			< 290	290	U	120	< 260	260	U	110	< 270	270	U	110	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
1,4-Dichlorobenzene			< 290	290	U	120	< 260	260	U	110	< 270	270	U	110	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
2,4,5-Trichlorophenol			< 290	290	U	230	< 260	260	U	200	< 270	270	U	210	< 250	250	U	200	< 300	300	U	240	< 260	260	U	200
2,4,6-Trichlorophenol			< 290	290	U	130	< 260	260	U	120	< 270	270	U	120	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
2,4-Dichlorophenol			< 290	290	U	150	< 260	260	U	130	< 270	270	U	140	< 250	250	U	130	< 300	300	U	150	< 260	260	U	130
2,4-Dimethylphenol			< 290	290	U	100	< 260	260	U	91	< 270	270	U	96	< 250	250	U	90	< 300	300	U	110	< 260	260	U	90
2,4-Dinitrophenol			< 2100	2100	U	290	< 1800	1800	U	260	< 1900	1900	U	270	< 1800	1800	U	250	< 2200	2200	U	300	< 1800	1800	U	260
2,4-Dinitrotoluene			< 290	290	U	160	< 260	260	U	140	< 270	270	U	150	< 250	250	U	140	< 300	300	U	170	< 260	260	U	140
2,6-Dinitrotoluene			< 290	290	U	130	< 260	260	U	120	< 270	270	U	120	< 250	250	U	110	< 300	300	U	140	< 260	260	U	120
2-Chloronaphthalene			< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
2-Chlorophenol			< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
2-Methylnaphthalene			< 290	290	U	120	< 260	260	U	110	< 270	270	U	120	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
2-Methylphenol (o-cresol)	330	100,000	< 290	290	U	200	< 260	260	U	170	< 270	270	U	180	< 250	250	U	170	< 300	300	U	200	< 260	260	U	170
2-Nitroaniline			< 2100	2100	U	420	< 1800	1800	U	370	< 1900	1900	U	390	< 1800	1800	U	370	< 2200	2200	U	440	< 1800	1800	U	370
2-Nitrophenol			< 290	290	U	260	< 260	260	U	230	< 270	270	U	250	< 250	250	U	230	< 300	300	U	270	< 260	260	U	230
3&4-Methylphenol (m&p-cresol)			< 290	290	U	160	< 260	260	U	140	< 270	270	U	150	< 250	250	U	140	< 300	300	U	170	< 260	260	U	140
3,3'-Dichlorobenzidine			< 840	840	U	200	< 730	730	U	170	< 770	770	U	180	< 720	720	U	170	< 860	860	U	200	< 730	730	U	170
3-Nitroaniline			< 2100	2100	U	910	< 1800	1800	U	790	< 1900	1900	U	840	< 1800	1800	U	790	< 2200	2200	U	940	< 1800	1800	U	790
4,6-Dinitro-2-methylphenol			< 2100	2100	U	450	< 1800	1800	U	390	< 1900	1900	U	420	< 1800	1800	U	390	< 2200	2200	U	460	< 1800	1800	U	390
4-Bromophenyl phenyl ether			< 290	290	U	120	< 260	260	U	110	< 270	270	U	110	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
4-Chloro-3-methylphenol			< 290	290	U	150	< 260	260	U	130	< 270	270	U	140	< 250	250	U	130	< 300	300	U	150	< 260	260	U	130
4-Chloroaniline			< 840	840	U	190	< 730	730	U	170	< 770	770	U	180	< 720	720	U	170	< 860	860	U	200	< 730	730	U	170
4-Chlorophenyl phenyl ether			< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	150	< 260	260	U	120
4-Nitroaniline			< 2100	2100	U	140	< 1800	1800	U	120	< 1900	1900	U	130	< 1800	1800	U	120	< 2200	2200	U	140	< 1800	1800	U	120
4-Nitrophenol			< 2100	2100	U	190	< 1800	1800	U	170	< 1900	1900	U	170	< 1800	1800	U	160	< 2200	2200	U	200	< 1800	1800	U	160
Acenaphthene	20,000	100,000	< 290	290	U	130	< 260	260	U	110	< 270	270	U	120	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
Acenaphthylene	100,000	100,000	< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
Acetophenone			< 290	290	U	130	< 260	260	U	110	< 270	270	U	120	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
Aniline			< 2100	2100	U	840	< 1800	1800	U	740	< 1900	1900	U	780	< 1800	1800	U	730	< 2200	2200	U	870	< 1800	1800	U	740
Anthracene	100,000	100,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Benz(a)anthracene	1,000	1,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	150	< 260	260	U	120
Benzidine			< 840	840	U	250	< 730	730	U	210	< 770	770	U	230	< 720	720	U	210	< 860	860	U	250	< 730	730	U	210
Benzo(a)pyrene	1,000	1,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Benzo(b)fluoranthene	1,000	1,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	150	< 260	260	U	120
Benzo(ghi)perylene	100,000	100,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Benzo(k)fluoranthene	800	1,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Benzoic acid			< 2100	2100	U	840	< 1800	1800	U	730	< 1900	1900	U	770	< 1800	1800	U	720	< 2200	2200	U	860	< 1800	1800	U	730
Benzyl butyl phthalate			< 290	290	U	110	< 260	260	U	94	< 270	270	U	100	< 250	250	U	93	< 300	300	U	110	< 260	260	U	94
Bis(2-chloroethoxy)methane			< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
Bis(2-chloroethyl)ether			< 290	290	U	110	< 260	260	U	99	< 270	270	U	100	< 250	250	U	98	< 300	300	U	120	< 260	260	U	98
Bis(2-chloroisopropyl)ether			< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
Bis(2-ethylhexyl)phthalate			< 290	290	U	120	< 260	260	U	110	**4,400**	270		110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
Carbazole			< 2100	2100	U	320	< 1800	1800	U	280	< 1900	1900	U	290	< 1800	1800	U	270	< 2200	2200	U	330	< 1800	1800	U	280
Chrysene	1,000	1,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	150	< 260	260	U	120
Dibenz(a,h)anthracene	330	330	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Dibenzofuran	7,000	59,000	< 290	290	U	120	< 260	260	U	110	< 270	270	U	110	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
Diethyl phthalate			< 290	290	U	130	< 260	260	U	120	< 270	270	U	120	< 250	250	U	110	< 300	300	U	140	< 260	260	U	120
Dimethylphthalate			< 290	290	U	130	< 260	260	U	110	< 270	270	U	120	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
Di-n-butylphthalate			< 290	290	U	110	< 260	260	U	97	< 270	270	U	100	< 250	250	U	96	< 300	300	U	110	< 260	260	U	97
Di-n-octylphthalate			< 290	290	U	110	< 260	260	U	94	< 270	270	U	100	< 250	250	U	93	< 300	300	U	110	< 260	260	U	94
Fluoranthene	100,000	100,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Fluorene	30,000	100,000	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Hexachlorobenzene			< 290	290	U	120	< 260	260	U	110	< 270	270	U	110	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
Hexachlorobutadiene			< 290	290	U	150	< 260	260	U	130	< 270	270	U	140	< 250	250	U	130	< 300	300	U	160	< 260	260	U	130
Hexachlorocyclopentadiene			< 290	290	U	130	< 260	260	U	110	< 270	270	U	120	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
Hexachloroethane			< 290	290	U	130	< 260	260	U	110	< 270	270	U	120	< 250	250	U	110	< 300	300	U	130	< 260	260	U	110
Indeno(1,2,3-cd)pyrene	500	500	< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Isophorone			< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
Naphthalene	12,000	100,000	< 290	290	U	120	< 260	260	U	110	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
Nitrobenzene			< 290	290	U	150	< 260	260	U	130	< 270	270	U	140	< 250	250	U	130	< 300	300	U	150	< 260	260	U	130
N-Nitrosodimethylamine			< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
N-Nitrosodi-n-propylamine			< 290	290	U	140	< 260	260	U	120	< 270	270	U	130	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
N-Nitrosodiphenylamine			< 290	290	U	160	< 260	260	U	140	< 270	270	U	150	< 250	250	U	140	< 300	300	U	170	< 260	260	U	140
Pentachloronitrobenzene			< 290	290	U	160	< 260	260	U	140	< 270	270	U	140	< 250	250	U	130	< 300	300	U	160	< 260	260	U	140
Pentachlorophenol	800	2,400	< 290	290	U	160	< 260	260	U	140	< 270	270	U	150	< 250	250	U	140	< 300	300	U	160	< 260	260	U	140
Phenanthrene	100,000	100,000	< 290	290	U	120	< 260	260	U	100	< 270	270	U	110	< 250	250	U	100	< 300	300	U	120	< 260	260	U	100
Phenol	330	100,000	< 290	290	U	130	< 260	260	U	120	< 270	270	U	120	< 250	250	U	120	< 300	300	U	140	< 260	260	U	120
Pyrene	100,000	100,000	< 290	290	U	140	< 260	260	U	130	< 270	270	U	130	< 250	250	U	120	< 300	300	U	150	< 260	260	U	130
Pyridine			< 290	290	U	100	< 260	260	U	90	< 270	270	U	95	< 250	250	U	89	< 300	300	U	110	< 260	260	U	90

Notes:

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ND - Not-detected
RL - Reporting Limit
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MDL - Minimum Detection Limit
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J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five ti
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B1				B2				B3				B4				B5				Duplicate B3		B6							
			(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(4-6') 5/22/2013 µg/Kg		(0-2') 5/22/2013 µg/Kg		(0-2') 1/7/2014 µg/Kg				(10-12') 1/7/2014 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	Qual	MDL	Result	RL	Qual	MDL
4,4' -DDD	3.3	2,600	ND	2.7	ND	2.5	ND	2.8	ND	2.6	ND	2.6	ND	2.6	ND*	270	ND*	270	ND	2.6	ND	2.4	ND	2.6	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6
4,4' -DDE	3.3	1,800	**4.4**	2.7	ND	2.5	ND	2.8	ND	2.6	ND	2.6	**3.6**	2.6	ND*	270	ND*	270	ND	2.6	ND	2.4	**3.4**	2.6	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6
4,4' -DDT	3.3	1,700	ND	2.7	ND	2.5	ND	2.8	ND	2.6	ND	2.6	ND	2.6	ND*	270	ND*	270	ND	2.6	ND	2.4	ND	2.6	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6
a-BHC	20	97	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
a-Chlordane			ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6
Aldrin	5	19	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
b-BHC	36	72	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Chlordane			ND	22	ND	21	ND	23	ND	22	ND	22	ND	21	ND*	2200	ND*	2300	ND	22	ND	20	ND	22	< 21	21	U	21	< 21	21	U	21
d-BHC	40	100,000	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Dieldrin	5	39	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Endosulfan I	2,400	4,800	ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6
Endosulfan II	2,400	4,800	ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6
Endosulfan sulfate	2,400	4,800	ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6
Endrin	14	2,200	ND*	9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Endrin aldehyde			ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6
Endrin ketone			ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
g-BHC	100	280	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
g-Chlordane			ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6	< 3.6	3.6	U	3.6	< 3.6	3.6	U	3.6
Heptachlor	42	420	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Heptachlor epoxide			ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Methoxychlor			ND	7.5	ND	6.9	ND	7.7	ND	7.3	ND	7.4	ND	7.1	ND*	740	ND*	760	ND	7.2	ND	6.8	ND	7.3	< 7.1	7.1	U	7.1	< 7.1	7.1	U	7.1
Toxaphene			ND	36	ND	33	ND	37	ND	35	ND	35	ND	34	ND*	3600	ND*	3600	ND	34	ND	32	ND	35	< 34	34	U	34	< 34	34	U	34
PCB-1016	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1221	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1232	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1242	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1248	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1254	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1260	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1262	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36
PCB-1268	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36	< 36	36	U	36	< 36	36	U	36

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reported.
** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Non-Detect
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B6				B7												B8											
			(43-45') 1/7/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
4,4' -DDD	3.3	2,600	< 2.6	2.6	U	2.6	< 2.9	2.9	U	2.9	< 3.1	3.1	U	3.1	< 2.6	2.6	U	2.6	< 2.7	2.7	U	2.7	< 2.9	2.9	U	2.9	< 2.5	2.5	U	2.5
4,4' -DDE	3.3	1,800	< 2.6	2.6	U	2.6	< 2.9	2.9	U	2.9	< 3.1	3.1	U	3.1	< 2.6	2.6	U	2.6	< 2.7	2.7	U	2.7	< 2.9	2.9	U	2.9	< 2.5	2.5	U	2.5
4,4' -DDT	3.3	1,700	< 2.6	2.6	U	2.6	< 2.9	2.9	U	2.9	< 3.1	3.1	U	3.1	< 2.6	2.6	U	2.6	< 2.7	2.7	U	2.7	< 2.9	2.9	U	2.9	< 2.5	2.5	U	2.5
a-BHC	20	97	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
a-Chlordane			< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1	< 4.4	4.4	U	4.4	< 3.5	3.5	U	3.5	< 3.8	3.8	U	3.8	< 4.0	4	U	4	< 3.5	3.5	U	3.5
Aldrin	5	19	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
b-BHC	36	72	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
Chlordane			< 22	22	U	22	< 24	24	U	24	< 26	26	U	26	< 21	21	U	21	< 22	22	U	22	< 24	24	U	24	< 21	21	U	21
d-BHC	40	100,000	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
Dieldrin	5	39	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
Endosulfan I	2,400	4,800	< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1	< 4.4	4.4	U	4.4	< 3.5	3.5	U	3.5	< 3.8	3.8	U	3.8	< 4.0	4	U	4	< 3.5	3.5	U	3.5
Endosulfan II	2,400	4,800	< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1	< 4.4	4.4	U	4.4	< 3.5	3.5	U	3.5	< 3.8	3.8	U	3.8	< 4.0	4	U	4	< 3.5	3.5	U	3.5
Endosulfan sulfate	2,400	4,800	< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1	< 4.4	4.4	U	4.4	< 3.5	3.5	U	3.5	< 3.8	3.8	U	3.8	< 4.0	4	U	4	< 3.5	3.5	U	3.5
Endrin	14	2,200	< 1.8	1.8	U	1.8	< 2.0	2	U	2	ND*	2.2	U (*)	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
Endrin aldehyde			< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1	< 4.4	4.4	U	4.4	< 3.5	3.5	U	3.5	< 3.8	3.8	U	3.8	< 4.0	4	U	4	< 3.5	3.5	U	3.5
Endrin ketone			< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
g-BHC	100	280	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
g-Chlordane			< 3.6	3.6	U	3.6	< 4.1	4.1	U	4.1	< 4.4	4.4	U	4.4	< 3.5	3.5	U	3.5	< 3.8	3.8	U	3.8	< 4.0	4	U	4	< 3.5	3.5	U	3.5
Heptachlor	42	420	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
Heptachlor epoxide			< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 2.2	2.2	U	2.2	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 2.0	2	U	2	< 1.8	1.8	U	1.8
Methoxychlor			< 7.3	7.3	U	7.3	< 8.1	8.1	U	8.1	< 8.7	8.7	U	8.7	< 7.1	7.1	U	7.1	< 7.5	7.5	U	7.5	< 8.1	8.1	U	8.1	< 7.0	7	U	7
Toxaphene			< 35	35	U	35	< 39	39	U	39	< 42	42	U	42	< 34	34	U	34	< 36	36	U	36	< 39	39	U	39	< 34	34	U	34
PCB-1016	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1221	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1232	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1242	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1248	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1254	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1260	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1262	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35
PCB-1268	100	1,000	< 36	36	U	36	< 41	41	U	41	< 44	44	U	44	< 35	35	U	35	< 38	38	U	38	< 40	40	U	40	< 35	35	U	35

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reporte
** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Non-Detect
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspecte
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B9												B10												B11							
			(0-2') 1/7/2014 µg/Kg				(10-12') 1/7/2014 µg/Kg				(43-45') 1/7/2014 µg/Kg				(0-2') 1/6/2014 µg/Kg				(10-12') 1/6/2014 µg/Kg				(43-45') 1/6/2014 µg/Kg				(0-2') 1/7/2014 µg/Kg				(6-8ft) 1/7/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
4,4' -DDD	3.3	2,600	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6	< 2.8	2.8	U	2.8	< 2.7	2.7	U	2.7	< 2.7	2.7	U	2.7	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6
4,4' -DDE	3.3	1,800	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6	< 2.8	2.8	U	2.8	< 2.7	2.7	U	2.7	< 2.7	2.7	U	2.7	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6
4,4' -DDT	3.3	1,700	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6	< 2.8	2.8	U	2.8	< 2.7	2.7	U	2.7	< 2.7	2.7	U	2.7	< 2.6	2.6	U	2.6	< 2.6	2.6	U	2.6
a-BHC	20	97	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
a-Chlordane			< 3.7	3.7	U	3.7	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 4.0	4	U	4	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Aldrin	5	19	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
b-BHC	36	72	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Chlordane			< 22	22	U	22	< 22	22	U	22	< 22	22	U	22	< 24	24	U	24	< 22	22	U	22	< 22	22	U	22	< 22	22	U	22	< 22	22	U	22
d-BHC	40	100,000	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Dieldrin	5	39	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Endosulfan I	2,400	4,800	< 3.7	3.7	U	3.7	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 4.0	4	U	4	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Endosulfan II	2,400	4,800	< 3.7	3.7	U	3.7	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 4.0	4	U	4	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Endosulfan sulfate	2,400	4,800	< 3.7	3.7	U	3.7	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 4.0	4	U	4	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Endrin	14	2,200	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Endrin aldehyde			< 3.7	3.7	U	3.7	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 4.0	4	U	4	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Endrin ketone			< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
g-BHC	100	280	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
g-Chlordane			< 3.7	3.7	U	3.7	< 3.6	3.6	U	3.6	< 3.7	3.7	U	3.7	< 4.0	4	U	4	< 3.8	3.8	U	3.8	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7	< 3.7	3.7	U	3.7
Heptachlor	42	420	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Heptachlor epoxide			< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 2.0	2	U	2	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8	< 1.8	1.8	U	1.8
Methoxychlor			< 7.4	7.4	U	7.4	< 7.2	7.2	U	7.2	< 7.3	7.3	U	7.3	< 7.9	7.9	U	7.9	< 7.5	7.5	U	7.5	< 7.4	7.4	U	7.4	< 7.4	7.4	U	7.4	< 7.3	7.3	U	7.3
Toxaphene			< 35	35	U	35	< 35	35	U	35	< 35	35	U	35	< 38	38	U	38	< 36	36	U	36	< 36	36	U	36	< 35	35	U	35	< 35	35	U	35
PCB-1016	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1221	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1232	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1242	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1248	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1254	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1260	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1262	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37
PCB-1268	100	1,000	< 37	37	U	37	< 36	36	U	36	< 37	37	U	37	< 40	40	U	40	< 38	38	U	38	< 37	37	U	37	< 37	37	U	37	< 37	37	U	37

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reporte
** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Non-Detect
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspecte
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (µg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (µg/Kg)	B12								B13								Duplicate 1				Duplicate 2			
			(0-2') 1/7/2014 µg/Kg				(6-8') 1/7/2014 µg/Kg				(0-2') 1/7/2014 µg/Kg				(6-8') 1/7/2014 µg/Kg				(B7 10-15') 1/7/2014 µg/Kg				(B610-15') 1/7/2014 µg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
4,4' -DDD	3.3	2,600	< 3.0	3	U	3	< 2.6	2.6	U	2.6	< 2.7	2.7	U	2.7	< 2.6	2.6	U	2.6	< 3.1	3.1	U	3.1	< 2.6	2.6	U	2.6
4,4' -DDE	3.3	1,800	< 3.0	3	U	3	< 2.6	2.6	U	2.6	< 2.7	2.7	U	2.7	< 2.6	2.6	U	2.6	< 3.1	3.1	U	3.1	< 2.6	2.6	U	2.6
4,4' -DDT	3.3	1,700	< 3.0	3	U	3	< 2.6	2.6	U	2.6	< 2.7	2.7	U	2.7	< 2.6	2.6	U	2.6	< 3.1	3.1	U	3.1	< 2.6	2.6	U	2.6
a-BHC	20	97	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
a-Chlordane			< 4.2	4.2	U	4.2	< 3.6	3.6	U	3.6	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 4.3	4.3	U	4.3	< 3.6	3.6	U	3.6
Aldrin	5	19	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
b-BHC	36	72	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
Chlordane			< 25	25	U	25	< 21	21	U	21	< 22	22	U	22	< 21	21	U	21	< 26	26	U	26	< 22	22	U	22
d-BHC	40	100,000	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
Dieldrin	5	39	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
Endosulfan I	2,400	4,800	< 4.2	4.2	U	4.2	< 3.6	3.6	U	3.6	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 4.3	4.3	U	4.3	< 3.6	3.6	U	3.6
Endosulfan II	2,400	4,800	< 4.2	4.2	U	4.2	< 3.6	3.6	U	3.6	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 4.3	4.3	U	4.3	< 3.6	3.6	U	3.6
Endosulfan sulfate	2,400	4,800	< 4.2	4.2	U	4.2	< 3.6	3.6	U	3.6	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 4.3	4.3	U	4.3	< 3.6	3.6	U	3.6
Endrin	14	2,200	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	ND*	2.1	U (*)	2.1	< 1.8	1.8	U	1.8
Endrin aldehyde			< 4.2	4.2	U	4.2	< 3.6	3.6	U	3.6	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 4.3	4.3	U	4.3	< 3.6	3.6	U	3.6
Endrin ketone			< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
g-BHC	100	280	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
g-Chlordane			< 4.2	4.2	U	4.2	< 3.6	3.6	U	3.6	< 3.8	3.8	U	3.8	< 3.6	3.6	U	3.6	< 4.3	4.3	U	4.3	< 3.6	3.6	U	3.6
Heptachlor	42	420	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
Heptachlor epoxide			< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8	< 1.9	1.9	U	1.9	< 1.8	1.8	U	1.8	< 2.1	2.1	U	2.1	< 1.8	1.8	U	1.8
Methoxychlor			< 8.4	8.4	U	8.4	< 7.1	7.1	U	7.1	< 7.5	7.5	U	7.5	< 7.2	7.2	U	7.2	< 8.5	8.5	U	8.5	< 7.2	7.2	U	7.2
Toxaphene			< 40	40	U	40	< 34	34	U	34	< 36	36	U	36	< 34	34	U	34	< 41	41	U	41	< 35	35	U	35
PCB-1016	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1221	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1232	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1242	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1248	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1254	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1260	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1262	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36
PCB-1268	100	1,000	< 42	42	U	42	< 36	36	U	36	< 38	38	U	38	< 36	36	U	36	< 43	43	U	43	< 36	36	U	36

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reporte
** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Non-Detect
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspecte
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 6
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (mg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (mg/Kg)	B1				B2				B3				B4				B5				Duplicate B3		B6			
			(0-2') 5/22/2013 mg/Kg		(4-6') 5/22/2013 mg/Kg		(0-2') 5/22/2013 mg/Kg		(4-6') 5/22/2013 mg/Kg		(0-2') 5/22/2013 mg/Kg		(4-6') 5/22/2013 mg/Kg		(0-2') 5/22/2013 mg/Kg		(4-6') 5/22/2013 mg/Kg		(0-2') 5/22/2013 mg/Kg		(4-6') 5/22/2013 mg/Kg		(0-2') 5/22/2013 mg/Kg		(0-2') 1/7/2014 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	Qual	MDL
Aluminum			12,900	34	4,690	35	13,800	35	5,190	37	9,150	36	5,120	37	6,980	40	8,790	36	6,150	34	3,490	35	9,530	40	6,740	35		7.1
Antimony			BRL	1.7	BRL	1.7	BRL	1.7	BRL	1.9	BRL	1.8	BRL	1.9	BRL	2	BRL	1.8	BRL	1.7	BRL	1.8	BRL	2	1.5	1.8	B	0.71
Arsenic	13	16	3.5	0.7	1.5	0.7	4.8	0.7	0.8	0.7	3.5	0.7	3.3	0.7	2.7	0.8	1.8	0.7	5.4	0.7	BRL	0.7	4.2	0.8	1.8	0.7		0.71
Barium	350	350	90.9	0.7	35.6	0.7	34.8	0.7	14.7	0.7	63	0.7	24.1	0.7	1,140	0.8	39.1	0.7	39	0.7	8.9	0.7	57.3	0.8	16.8	0.7		0.14
Beryllium	7.2	14	0.76	0.27	0.24	0.28	0.48	0.28	0.28	0.3	0.48	0.29	0.28	0.3	0.39	0.32	0.48	0.29	0.28	0.28	0.17	0.28	0.45	0.32	0.3	0.28		0.14
Cadmium	2.5	2.5	0.55	0.34	0.19	0.35	0.78	0.35	0.23	0.37	0.26	0.36	0.23	0.37	0.2	0.4	0.31	0.36	0.44	0.34	BRL	0.35	0.31	0.4	< 0.35	0.35	U	0.14
Calcium			4,160	3.4	3410	3.5	1,740	3.5	3,330	3.7	5,720	3.6	2,220	3.7	9,990	4	683	3.6	19,100	34	279	3.5	7,450	4	7,120	3.5	*	3.2
Chromium			31.5	0.34	9.42	0.35	23.2	0.35	10.8	0.37	14.1	0.36	11.4	0.37	11.2	0.4	19.5	0.36	15.1	0.34	7.36	0.35	18.4	0.4	11.6	0.35		0.14
Cobalt			9.01	0.34	3.87	0.35	6.46	0.35	4.6	0.37	3.59	0.36	3.23	0.37	2.5	0.4	5.99	0.36	3.13	0.34	2.5	0.35	3.98	0.4	3.64	0.35	*	0.14
Copper	50	270	24.9	0.34	7.96	0.35	11.2	0.35	9.16	0.37	11.2	0.36	10.3	0.37	15.5	0.4	11.9	0.36	14.5	0.34	5.21	0.35	10.9	0.4	9.45	0.35		0.28
Iron			29,200	34	9,790	35	20,500	35	10,600	37	12,000	36	11,600	37	9,100	4	17,300	36	14,100	34	6,990	3.5	14,300	40	12,100	35		35
Lead	63	400	59	0.7	20.6	0.7	27.2	0.7	6.1	0.7	66	0.7	28.2	0.7	64	0.8	5.2	0.7	56.1	0.7	1.7	0.7	64.7	0.8	6	0.7		0.21
Magnesium			4,330	3.4	1,540	3.5	2,120	3.5	1,950	3.7	1,570	3.6	1,590	3.7	2,490	4	2,850	3.6	2,490	3.4	1,100	3.5	1,760	4	2,650	3.5		0.21
Manganese	1,600	2,000	366	3.4	239	3.5	147	3.5	296	3.7	276	3.6	211	3.7	192	4	235	3.6	160	3.4	201	3.5	263	4	302	3.5	N	1.4
Mercury	0.18	0.81	1.47	0.07	BRL	0.09	0.12	0.09	BRL	0.08	0.09	0.09	BRL	0.08	0.06	0.07	BRL	0.09	BRL	0.09	BRL	0.08	0.1	0.07	< 0.08	0.08	U	0.05
Nickel	30	140	20.5	0.34	7.98	0.35	11.8	0.35	10.8	0.37	9.62	0.36	10.6	0.37	7.39	0.4	14	0.36	8.62	0.34	6.9	0.35	10.5	0.4	10.5	0.35	*	0.14
Potassium			2,440	7	502	7	831	7	621	7	634	7	521	7	744	8	1,260	7	837	7	378	7	567	8	639	7	N	2.8
Selenium	3.9	36	BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.5	BRL	1.5	BRL	1.5	BRL	1.6	BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.6	< 1.4	1.4	U	1.2
Silver	2	36	BRL	0.34	BRL	0.35	BRL	0.35	BRL	0.37	BRL	0.36	BRL	0.37	BRL	0.4	BRL	0.36	BRL	0.34	BRL	0.35	BRL	0.4	< 0.35	0.35	U	0.21
Sodium			255	7	68	7	83	7	99	7	71	7	47	7	277	8	64	7	261	7	35	7	70	8	66	7	N	3
Thallium			BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.5	BRL	1.5	BRL	1.5	BRL	1.6	BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.6	< 1.4	1.4	U	1.4
Vanadium			40.9	0.3	11.5	0.3	30.9	0.3	13.2	0.4	18.2	0.4	14.1	0.4	16.2	0.4	25.7	0.4	18.5	0.3	8.2	0.4	21.5	0.4	16	0.4		0.14
Zinc	109	2,200	75.3	0.7	28	0.7	152	6.9	30.1	0.7	44	0.7	25.6	0.7	48	0.8	28.8	0.7	69.7	0.7	10.9	0.7	58	0.8	18.6	0.7		0.35

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
BRL - Below Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 6
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (mg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (mg/Kg)	B6								B7												B8							
			(10-12') 1/7/2014 mg/Kg				(43-45') 1/7/2014 mg/Kg				(0-2') 1/6/2014 mg/Kg				(10-12') 1/6/2014 mg/Kg				(43-45') 1/6/2014 mg/Kg				(0-2') 1/6/2014 mg/Kg				(10-12') 1/6/2014 mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			**8,960**	36		7.2	**2,810**	38		7.6	**10,500**	41		8.1	**20,700**	43		8.7	**8,720**	34		6.9	**10,400**	36		7.1	**14,400**	37		7.4
Antimony			< 1.8	1.8	U	0.72	< 1.9	1.9	U	0.76	< 2.0	2	U	0.81	< 2.2	2.2	U	0.87	< 1.7	1.7	U	0.69	**0.7**	1.8	B	0.71	< 1.8	1.8	U	0.74
Arsenic	13	16	**1.3**	0.7		0.72	**1.8**	0.8		0.76	**26.7**	0.8		0.81	**4**	0.9		0.87	**1.4**	0.7		0.69	**2.2**	0.7		0.71	**2.5**	0.7		0.74
Barium	350	350	**79.2**	0.7		0.14	**29**	0.8		0.15	**88**	0.8		0.16	**130**	0.9		0.17	**36.3**	0.7		0.14	**59.1**	0.7		0.14	**76.3**	0.7		0.15
Beryllium	7.2	14	**0.65**	0.29		0.14	**0.24**	0.3	B	0.15	**0.6**	0.32		0.16	**1.06**	0.35		0.17	**0.45**	0.27		0.14	**0.47**	0.28		0.14	**0.78**	0.29		0.15
Cadmium	2.5	2.5	**0.54**	0.36		0.14	**0.3**	0.38	B	0.15	**0.39**	0.41	B	0.16	< 0.43	0.43	U	0.17	**0.36**	0.34		0.14	< 0.36	0.36	U	0.14	< 0.37	0.37	U	0.15
Calcium			**902**	3.6	*	3.3	**914**	3.8	*	3.5	**65,300**	41	*	37	**11,800**	4.3	*	4	**2,720**	3.4	*	3.2	**58,600**	36	*	33	**1,590**	3.7	*	3.4
Chromium			**26.3**	0.36		0.14	**11.5**	0.38		0.15	**22**	0.41		0.16	**49.7**	0.43		0.17	**28.9**	0.34		0.14	**15.9**	0.36		0.14	**43.3**	0.37		0.15
Cobalt			**8.35**	0.36	*	0.14	**4.17**	0.38	*	0.15	**5.08**	0.41	*	0.16	**13.2**	0.43	*	0.17	**7.09**	0.34	*	0.14	**6.79**	0.36	*	0.14	**8.22**	0.37	*	0.15
Copper	50	270	**19.4**	0.36		0.29	**13.5**	0.38		0.3	**22.5**	0.41		0.32	**34**	0.43		0.35	**27.8**	0.34		0.27	**14.6**	0.36		0.28	**28.9**	0.37		0.29
Iron			**47,400**	36		36	**21,100**	38		38	**14,200**	41		41	**44,800**	43		43	**35,800**	34		34	**12,400**	36		36	**33,300**	37		37
Lead	63	400	**7.3**	0.7		0.22	**5**	0.8		0.23	**127**	0.8		0.24	**15.2**	0.9		0.26	**4.7**	0.7		0.21	**20.3**	0.7		0.21	**9.4**	0.7		0.22
Magnesium			**2,370**	3.6		0.22	**1,290**	3.8		0.23	**10,500**	41		2.4	**8,870**	43		2.6	**5,950**	34		2.1	**3,990**	3.6		0.21	**5,220**	3.7		0.22
Manganese	1,600	2,000	**1,720**	36		14	**418**	3.8	N	1.5	**357**	4.1	N	1.6	**557**	4.3	N	1.7	**514**	3.4	N	1.4	**133**	3.6	N	1.4	**310**	3.7	N	1.5
Mercury	0.18	0.81	< 0.07	0.07	U	0.04	< 0.07	0.07	U	0.04	< 0.10	0.1	U	0.06	< 0.09	0.09	U	0.05	< 0.07	0.07	U	0.04	< 0.09	0.09	U	0.05	< 0.09	0.09	U	0.05
Nickel	30	140	**23.3**	0.36	*	0.14	**7.36**	0.38	*	0.15	**28.1**	0.41	*	0.16	**30.2**	0.43	*	0.17	**29**	0.34	*	0.14	**18.1**	0.36	*	0.14	**21.8**	0.37	*	0.15
Potassium			**1,240**	7	N	2.8	**546**	8	N	3	**2,120**	8	N	3.2	**3,990**	9	N	3.4	**947**	7	N	2.7	**1,200**	7	N	2.8	**2,030**	7	N	2.9
Selenium	3.9	36	< 1.4	1.4	U	1.2	< 1.5	1.5	U	1.3	7.3	1.6		1.4	< 1.7	1.7	U	1.5	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.5	1.5	U	1.2
Silver	2	36	< 0.36	0.36	U	0.22	< 0.38	0.38	U	0.23	< 0.41	0.41	U	0.24	< 0.43	0.43	U	0.26	< 0.34	0.34	U	0.21	< 0.36	0.36	U	0.21	< 0.37	0.37	U	0.22
Sodium			**86**	7	N	3.1	**75**	8	N	3.3	**1,620**	8	N	3.5	**220**	9	N	3.7	**485**	7	N	3	**531**	7	N	3.1	**141**	7	N	3.2
Thallium			< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5	< 1.6	1.6	U	1.6	< 1.7	1.7	U	1.7	< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.5	1.5	U	1.5
Vanadium			**39**	0.4		0.14	**22**	0.4		0.15	**23.8**	0.4		0.16	**56.1**	0.4		0.17	**53.5**	0.3		0.14	**28.4**	0.4		0.14	**51.3**	0.4		0.15
Zinc	109	2,200	**30**	0.7		0.36	**16**	0.8		0.38	**176**	8.1		4.1	**78.2**	0.9		0.43	**31.7**	0.7		0.34	**13.7**	0.7		0.36	**58**	0.7		0.37

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
BRL - Below Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspecte
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 6
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (mg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (mg/Kg)	B8				B9												B10												B11			
			(43-45') 1/6/2014 mg/Kg				(0-2') 1/7/2014 mg/Kg				(10-12') 1/7/2014 mg/Kg				(43-45') 1/7/2014 mg/Kg				(0-2') 1/6/2014 mg/Kg				(10-12') 1/6/2014 mg/Kg				(43-45') 1/6/2014 mg/Kg				(0-2') 1/7/2014 mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			3,420	35		7.1	11,200	36		7.1	9,340	33		6.6	3,680	35		6.9	10,300	39		7.8	14,700	39		7.8	3,480	39		7.8	13,000	38		8
Antimony			< 1.8	1.8	U	0.71	< 1.8	1.8	U	0.71	< 1.7	1.7	U	0.66	< 1.7	1.7	U	0.69	< 2.0	2	U	0.78	< 1.9	1.9	U	0.78	< 1.9	1.9	U	0.78	< 1.9	1.9	U	0.76
Arsenic	13	16	1.3	0.7		0.71	3.1	0.7		0.71	1.7	0.7		0.66	1.4	0.7		0.69	6.7	0.8		0.78	6.9	0.8		0.78	2	0.8		0.78	3.5	0.8		0.76
Barium	350	350	20.4	0.7		0.14	67.3	0.7		0.14	64.4	0.7		0.13	28.8	0.7		0.14	53.6	0.8		0.16	85.1	0.8		0.16	27.5	0.8		0.16	62.6	0.8		0.15
Beryllium	7.2	14	0.24	0.28	B	0.14	0.47	0.28		0.14	0.46	0.26		0.13	0.32	0.28		0.14	0.45	0.31		0.16	0.77	0.31		0.16	0.27	0.31	B	0.16	0.75	0.3		0.15
Cadmium	2.5	2.5	0.18	0.35	B	0.14	< 0.36	0.36	U	0.14	0.19	0.33	B	0.13	0.4	0.35		0.14	< 0.39	0.39	U	0.16	0.5	0.39		0.16	0.37	0.39	B	0.16	< 0.38	0.38	U*	0.15
Calcium			1,410	3.5	*	3.3	4,020	3.6	*	3.3	828	3.3	*	3	1,220	3.5	*	3.2	54,600	39	*	36	1,350	3.9	*	3.6	1,120	3.9	*	3.6	12,600	38		35
Chromium			14.6	0.35		0.14	20.7	0.36		0.14	24.7	0.33		0.13	11.8	0.35		0.14	13.6	0.39		0.16	37.6	0.39		0.16	12.3	0.39		0.16	55.4	0.38		0.15
Cobalt			4.17	0.35	*	0.14	5.43	0.36	*	0.14	5.85	0.33	*	0.13	4.03	0.35	*	0.14	4.47	0.39	*	0.16	13.9	0.39	*	0.16	3.6	0.39	*	0.16	6.75	0.38		0.15
Copper	50	270	11.6	0.35		0.28	19.7	0.36		0.28	17	0.33		0.26	15.8	0.35		0.28	14.1	0.39		0.31	25.3	0.39		0.31	11.5	0.39		0.31	23.5	0.38		0.3
Iron			12,000	35		35	18,700	36		36	27,000	33		33	28,000	35		35	14,000	39		39	54,800	39		39	26,500	39		39	31,200	38		38
Lead	63	400	3.6	0.7		0.21	62.5	0.7		0.21	4.8	0.7		0.2	3.2	0.7		0.21	43.8	0.8		0.23	9.2	0.8		0.23	3.6	0.8		0.23	6.7	0.8		0.23
Magnesium			3,960	3.5		0.21	2,870	3.6		0.21	2,520	3.3		0.2	2,600	3.5		0.21	5,450	3.9		0.23	4,730	3.9		0.23	1,800	3.9		0.23	4,040	3.8		
Manganese	1,600	2,000	238	3.5	N	1.4	308	3.6	N	1.4	421	3.3	N	1.3	493	3.5	N	1.4	389	3.9	N	1.6	1070	3.9	N	1.6	375	3.9	N	1.6	395	3.8		1.5
Mercury	0.18	0.81	< 0.08	0.08	U	0.05	0.25	0.08		0.05	< 0.07	0.07	U	0.04	< 0.06	0.06	U	0.04	0.15	0.07		0.04	< 0.07	0.07	U	0.04	< 0.07	0.07	U	0.04	< 0.08	0.08	U	0.05
Nickel	30	140	35.3	0.35	*	0.14	14	0.36	*	0.14	13.6	0.33	*	0.13	22.1	0.35	*	0.14	11.9	0.39	*	0.16	23.9	0.39	*	0.16	13.9	0.39	*	0.16	23.9	0.38		0.15
Potassium			744	7	N	2.8	1,360	7	N	2.8	1,400	7	N	2.6	627	7	N	2.7	1,150	8	N	3.1	2,610	8	N	3	565	8	N	3	1,590	8	N	3
Selenium	3.9	36	< 1.4	1.4	U	1.2	< 1.4	1.4	U	1.2	< 1.3	1.3	U	1.1	< 1.4	1.4	U	1.2	4.5	1.6		1.3	< 1.6	1.6	U	1.3	< 1.6	1.6	U	1.3	< 1.5	1.5	U	1.3
Silver	2	36	< 0.35	0.35	U	0.21	< 0.36	0.36	U	0.21	< 0.33	0.33	U	0.2	< 0.35	0.35	U	0.21	< 0.39	0.39	U	0.23	< 0.39	0.39	U	0.23	< 0.39	0.39	U	0.23	< 0.38	0.38	U	0.23
Sodium			135	7	N	3	126	7	N	3.1	72	7	N	2.8	107	7	N	3	210	8	N	3.4	84	8	N	3.3	105	8	N	3.3	121	8	N	3.3
Thallium			< 1.4	1.4	U	1.4	< 1.4	1.4	U	1.4	< 1.3	1.3	U	1.3	< 1.4	1.4	U	1.4	< 1.6	1.6	U	1.6	< 1.6	1.6	U	1.6	< 1.6	1.6	U	1.6	< 1.5	1.5	U	1.5
Vanadium			16.3	0.4		0.14	27.1	0.4		0.14	31.3	0.3		0.13	25.5	0.3		0.14	22.6	0.4		0.16	47.9	0.4		0.16	28.4	0.4		0.16	43.8	0.4		0.15
Zinc	109	2,200	20.6	0.7		0.35	54.3	0.7		0.36	27.8	0.7		0.33	18.8	0.7		0.35	42.4	0.8		0.39	50.6	0.8		0.39	16.6	0.8		0.39	34.2	0.8	N	0.38

Notes:

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

TABLE 6
853 Lexington Ave,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives (mg/Kg)	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives* (mg/Kg)	B11 (6-8ft) 1/7/2014 mg/Kg				B12 (0-2') 1/7/2014 mg/Kg				B12 (6-8') 1/7/2014 mg/Kg				B13 (0-2') 1/7/2014 mg/Kg				B13 (6-8') 1/7/2014 mg/Kg				Duplicate 1 (B7 10-15') 1/7/2014 mg/Kg				Duplicate 2 (B610-15') 1/7/2014 mg/Kg			
			Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Qual	MDL
Aluminum			**7,800**	37		7.4	**10,800**	42		8.3	**5,800**	33		6.5	**12,800**	40		8.1	**5,770**	39		7.7	**15,700**	42		8.3	**9,280**	34		6.9
Antimony			< 1.9	1.9	U	0.74	**2.3**	2.1		0.83	< 1.6	1.6	U	0.65	< 2.0	2	U	0.81	< 1.9	1.9	U	0.77	< 2.1	2.1	U	0.83	< 1.7	1.7	U	0.69
Arsenic	13	16	**2**	0.7		0.74	**4.4**	0.8		0.83	**1.3**	0.7		0.65	**3.3**	0.8		0.81	**1.3**	0.8		0.77	**5.9**	0.8		0.83	**1.8**	0.7		0.69
Barium	350	350	**42.1**	0.7		0.15	**83.3**	0.8		0.17	**38.3**	0.7		0.13	**76.4**	0.8		0.16	**24.5**	0.8		0.15	**105**	0.8		0.17	**51.5**	0.7		0.14
Beryllium	7.2	14	**0.56**	0.3		0.15	**0.54**	0.33		0.17	**0.45**	0.26		0.13	**0.58**	0.32		0.16	**0.4**	0.31		0.15	**0.8**	0.33		0.17	**0.62**	0.27		0.14
Cadmium	2.5	2.5	**0.28**	0.37	B*	0.15	**0.28**	0.42	B*	0.17	**0.47**	0.33	*	0.13	**0.76**	0.4	*	0.16	**0.24**	0.39	B*	0.15	**0.21**	0.42	B*	0.17	**0.61**	0.34	*	0.14
Calcium			**5,020**	3.7		3.4	**2,910**	4.2		3.8	**757**	3.3		3	**63,500**	40		37	**867**	3.9		3.6	**15,700**	42		38	**980**	3.4		3.2
Chromium			**22.3**	0.37		0.15	**25.7**	0.42		0.17	**20.6**	0.33		0.13	**30.7**	0.4		0.16	**17.2**	0.39		0.15	**41.9**	0.42		0.17	**24.4**	0.34		0.14
Cobalt			**7.02**	0.37		0.15	**8.16**	0.42		0.17	**5.42**	0.33		0.13	**5.88**	0.4		0.16	**5.19**	0.39		0.15	**10.2**	0.42		0.17	**7.3**	0.34		0.14
Copper	50	270	**19.1**	0.37		0.3	**20.6**	0.42		0.33	**12.8**	0.33		0.26	**22.9**	0.4		0.32	**16.9**	0.39		0.31	**28.3**	0.42		0.33	**18.7**	0.34		0.27
Iron			**28,200**	37		37	**29,500**	42		42	**34,900**	33		33	**17,600**	40		40	**23,600**	39		39	**39,200**	42		42	**52,100**	34		34
Lead	63	400	**5.8**	0.7		0.22	**12.7**	0.8		0.25	**5**	0.7		0.2	**21.4**	0.8		0.24	**5.4**	0.8		0.23	**16.7**	0.8		0.25	**6.9**	0.7		0.21
Magnesium			**2,200**	3.7		0.22	**3,500**	4.2		0.25	**1,690**	3.3		0.2	**8,530**	40		2.4	**1,870**	3.9		0.23	**6,650**	42		2.5	**2,880**	3.4		0.21
Manganese	1,600	2,000	**545**	3.7		1.5	**996**	4.2		1.7	**808**	3.3		1.3	**289**	4		1.6	**256**	3.9		1.5	**415**	4.2		1.7	**1,090**	3.4		1.4
Mercury	0.18	0.81	< 0.09	0.09	U	0.05	< 0.10	0.1	U	0.06	< 0.07	0.07	U	0.04	< 0.08	0.08	U	0.05	< 0.07	0.07	U	0.04	< 0.10	0.1	U	0.06	< 0.08	0.08	U	0.05
Nickel	30	140	**14.8**	0.37		0.15	**19.8**	0.42		0.17	**12.8**	0.33		0.13	**43.5**	0.4		0.16	**10.3**	0.39		0.15	**26.4**	0.42		0.17	**19.3**	0.34		0.14
Potassium			**825**	7	N	2.9	**1,560**	8	N	3.2	**732**	7	N	2.6	**3,230**	8	N	3.1	**964**	8	N	3	**2,820**	8	N	3.2	**1,200**	7	N	2.7
Selenium	3.9	36	< 1.5	1.5	U	1.3	< 1.7	1.7	U	1.4	< 1.3	1.3	U	1.1	< 1.6	1.6	U	1.4	< 1.5	1.5	U	1.3	< 1.7	1.7	U	1.4	< 1.4	1.4	U	1.2
Silver	2	36	< 0.37	0.37	U	0.22	< 0.42	0.42	U	0.25	< 0.33	0.33	U	0.2	**2.99**	0.4		0.24	< 0.39	0.39	U	0.23	< 0.42	0.42	U	0.25	< 0.34	0.34	U	0.21
Sodium			**81**	7	N	3.2	**93**	8	N	3.6	**60**	7	N	2.8	**521**	8	N	3.5	**77**	8	N	3.3	**219**	8	N	3.6	**96**	7	N	2.9
Thallium			< 1.5	1.5	U	1.5	< 1.7	1.7	U	1.7	< 1.3	1.3	U	1.3	< 1.6	1.6	U	1.6	< 1.5	1.5	U	1.5	< 1.7	1.7	U	1.7	< 1.4	1.4	U	1.4
Vanadium			**36.2**	0.4		0.15	**33.1**	0.4		0.17	**28.5**	0.3		0.13	**29.1**	0.4		0.16	**28.6**	0.4		0.15	**45.9**	0.4		0.17	**37.8**	0.3		0.14
Zinc	109	2,200	**25.3**	0.7	N	0.37	**45.6**	0.8	N	0.42	**21**	0.7	N	0.33	**44.1**	0.8	N	0.4	**22.3**	0.8	N	0.39	**65.9**	0.8	N	0.42	**31**	0.7	N	0.34

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
BRL - Below Reporting Limit
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspecte
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 7
853 Lexington Ave,
Brooklyn , New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW1				MW2		MW2				MW3	
		5/31/2013		1/8/2014				5/31/2013		1/8/2014				5/31/2013	
	µg/L	µg/L		µg/L				µg/L		µg/L				µg/L	
		Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL
1,1,1,2-Tetrachlorothane	5	ND	1	< 1.0	1	U	0.19	ND	1	< 1.0	1	U	0.19	ND	1
1,1,1-Trichloroethane	5	ND	1	< 5.0	5	U	0.19	ND	1	< 5.0	5	U	0.19	ND	1
1,1,2,2-Tetrachloroethane	5	ND	0.5	< 1.0	1	U	0.15	ND	0.5	< 1.0	1	U	0.15	ND	0.5
1,1,2-Trichloroethane	1	ND	1	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2	ND	1
1,1-Dichloroethane	5	ND	1	< 5.0	5	U	0.23	ND	1	< 5.0	5	U	0.23	ND	1
1,1-Dichloroethene	5	ND	1	< 1.0	1	U	0.24	ND	1	< 1.0	1	U	0.24	ND	1
1,1-Dichloropropene		ND	1	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2	ND	1
1,2,3-Trichlorobenzene		ND	1	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2	ND	1
1,2,3-Trichloropropane	0.04	ND	1	< 1.0	1	U	0.21	ND	1	< 1.0	1	U	0.21	ND	1
1,2,4-Trichlorobenzene		ND	1	< 1.0	1	U	0.18	ND	1	< 1.0	1	U	0.18	ND	1
1,2,4-Trimethylbenzene	5	ND	1	< 1.0	1	U	0.18	ND	1	< 1.0	1	U	0.18	ND	1
1,2-Dibromo-3-chloropropane	0.04	ND	1	< 1.0	1	U	0.36	ND	1	< 1.0	1	U	0.36	ND	1
1,2-Dibromoethane	5	ND	1	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2	ND	1
1,2-Dichlorobenzene	0.6	ND	1	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16	ND	1
1,2-Dichloethane	0.94	ND	0.6	< 0.6	0.6	U	0.2	ND	0.6	< 0.6	0.6	U	0.2	ND	0.6
1,2-Dibropropane		ND	1	< 1.0	1	U	0.18	ND	1	< 1.0	1	U	0.18	ND	1
1,3,5-Trimethylbenzene	5	ND	1	< 1.0	1	U	0.21	ND	1	< 1.0	1	U	0.21	ND	1
1,3-Dichlorobenzene	5	ND	1	< 3	3	U	0.19	ND	1	< 3	3	U	0.19	ND	1
1,3-Dichloropropane	5	ND	1	< 1.0	1	U	0.22	ND	1	< 1.0	1	U	0.22	ND	1
1,4-Dichlorobenzene	5	ND	1	< 5.0	5	U	0.19	ND	1	< 5.0	5	U	0.19	ND	1
2,2-Dichloropropane	5	ND	1	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16	ND	1
2-Chlorotoluene	5	ND	1	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23	ND	1
2-Hexanone (Methyl Butyl Ketone)		ND	5	< 1.0	1	U	0.27	ND	5	< 1.0	1	U	0.27	ND	5
2-Isopropyltoluene	5	ND	1	**0.48**	1	J	0.21	ND	1	< 1.0	1	U	0.21	ND	1
4-Chlorotoluene	5	ND	1	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16	ND	1
4-Methyl-2-Pentanone		ND	5	< 1.0	1	U	0.19	ND	5	< 1.0	1	U	0.19	ND	5
Acetone		ND	25	**6.7**	5		0.31	ND	25	**3.2**	5	J	0.31	ND	25
Acrylonitrile	5	ND	5	< 5.0	5	U	0.95	ND	5	< 5.0	5	U	0.95	ND	5
Benzene	1	ND	0.7	< 5.0	5	U	0.17	ND	0.7	< 5.0	5	U	0.17	ND	0.7
Bromobenzene	5	ND	1	< 0.70	0.7	U	0.19	ND	1	< 0.70	0.7	U	0.19	ND	1
Bromochloromethane	5	ND	1	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2	ND	1
Bromodichloromethane		ND	0.5	< 1.0	1	U	0.22	ND	0.5	< 1.0	1	U	0.22	ND	0.5
Bromoform		ND	1	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16	ND	1
Bromomethane	5	ND	1	< 5.0	5	U	0.1	ND	1	< 5.0	5	U	0.1	ND	1
Carbon Disulfide	60	ND	5	< 5.0	5	U	0.25	ND	5	< 5.0	5	U	0.25	ND	5
Carbon tetrachloride	5	ND	1	< 1.0	1	U	0.24	ND	1	< 1.0	1	U	0.24	ND	1
Chlorobenzene	5	ND	1	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23	ND	1
Chloroethane	5	ND	1	< 5.0	5	U	0.2	ND	1	< 5.0	5	U	0.2	ND	1
Chloroform	7	ND	1	< 5.0	5	U	0.24	ND	1	< 5.0	5	U	0.24	ND	1
Chloromethane	60	ND	1	< 5.0	5	U	0.22	ND	1	< 5.0	5	U	0.22	ND	1
cis-1,2-Dichloroethene	5	**3.3**	1	< 5.0	5	U	0.21	**1.6**	1	< 5.0	5	U	0.21	**4.4**	1
cis-1,3-Dichloropropene		ND	0.4	**2.2**	1		0.23	ND	0.4	**1.4**	1		0.23	ND	0.4
Dibromochloromethane		ND	0.5	< 0.40	0.4	U	0.15	ND	0.5	< 0.40	0.4	U	0.15	ND	0.5
Dibromomethane	5	ND	1	< 1.0	1	U	0.15	ND	1	< 1.0	1	U	0.15	ND	1
Dichlorodifluoromethane	5	ND	1	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23	ND	1
Ethylbenzene	5	ND	1	< 1.0	1	U	0.26	ND	1	< 1.0	1	U	0.26	ND	1
Hexachlorobutadiene	0.5	ND	0.4	< 1.0	1	U	0.19	ND	0.4	< 1.0	1	U	0.19	ND	0.4
Isopropylbenzene	5	ND	1	< 0.5	0.5	U	0.13	ND	1	< 0.5	0.5	U	0.13	ND	1
m&p-Xylenes	5	ND	1	< 1.0	1	U	0.22	ND	1	< 1.0	1	U	0.22	ND	1
Methyl Ethyl Ketone (2-Butanone)		ND	5	< 1.0	1	U	0.42	ND	5	< 1.0	1	U	0.42	ND	5
Methyl t-butyl ether (MTBE)	10	ND	1	< 1.0	1	U	0.5	ND	1	< 1.0	1	U	0.5	ND	1
Methylene chloride	5	ND	1	< 1.0	1	U	0.19	ND	1	< 1.0	1	U	0.19	**3.8**	1
Naphthalene	10	ND	1	< 3.0	3	U	0.16	ND	1	< 3.0	3	U	0.16	ND	1
n-Butylbenzene	5	ND	1	< 1.0	1	U	0.19	ND	1	< 1.0	1	U	0.19	ND	1
n-Propylbenzene	5	ND	1	< 1.0	1	U	0.22	ND	1	< 1.0	1	U	0.22	ND	1
o-Xylene	5	ND	1	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2	ND	1
p-Isopropyltoluene		ND	1	< 1.0	1	U	0.45	ND	1	< 1.0	1	U	0.45	ND	1
sec-Butylbenzene	5	ND	1	< 1.0	1	U	0.21	ND	1	< 1.0	1	U	0.21	ND	1
Styrene	5	ND	1	**1.2**	1		0.22	ND	1	< 1.0	1	U	0.22	ND	1
tert-Butylbenzene	5	ND	1	< 1.0	1	U	0.41	ND	1	< 1.0	1	U	0.41	ND	1
Tetrachloroethene	5	**50**	5	< 1.0	1	U	0.23	**15**	1	< 1.0	1	U	0.23	**110**	10
Tetrahydrofuran (THF)		ND	2.5	**15**	1		0.24	ND	2.5	**14**	1		0.24	ND	2.5
Toluene	5	ND	1	< 5.0	5	U	0.51	ND	1	< 5.0	5	U	0.51	ND	1
Total Xylenes	5	ND	2	< 1.0	1	U	0.2	ND	2	< 1.0	1	U	0.2	ND	2
trans-1,2-Dichloroethene	5	ND	1	< 5.0	5	U	0.2	ND	1	**0.25**	5	J	0.2	ND	1
trans-1,3-Dichloropropene	0.4	ND	0.4	< 0.40	0.4	U	0.14	ND	0.4	< 0.40	0.4	U	0.14	ND	0.4
trans-1,4-dichloro-2-butene	5	ND	5	< 1.0	1	U	0.45	ND	5	< 1.0	1	U	0.45	ND	5
Trichloroethene	5	**61**	5	**19**	1		0.18	**23**	1	**17**	1		0.18	**85**	10
Trichlorofluoromethane	5	ND	1	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23	ND	1
Trichlorotrifluoroethane		ND	1	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23	ND	1
Vinyl Chloride	2	ND	1	< 1.0	1	U	0.14	ND	1	< 1.0	1	U	0.14	ND	1

Notes:

ND - Not detected
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
853 Lexington Ave,
Brooklyn , New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW3 1/8/2014 µg/L				MW4 1/8/2014 µg/L				Duplicate (MW1) 5/31/2013 µg/L		Duplicate (MW1) 1/8/2014 µg/L			
	µg/L	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL
1,1,1,2-Tetrachlorothane	5	< 1.0	1	U	0.19	< 1.0	1	U	0.19	ND	1	< 1.0	1	U	0.19
1,1,1-Trichloroethane	5	< 5.0	5	U	0.19	< 5.0	5	U	0.19	ND	1	< 5.0	5	U	0.19
1,1,2,2-Tetrachloroethane	5	< 1.0	1	U	0.15	< 1.0	1	U	0.15	ND	0.5	< 1.0	1	U	0.15
1,1,2-Trichloroethane	1	< 1.0	1	U	0.2	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2
1,1-Dichloroethane	5	< 5.0	5	U	0.23	< 5.0	5	U	0.23	ND	1	< 5.0	5	U	0.23
1,1-Dichloroethene	5	< 1.0	1	U	0.24	< 1.0	1	U	0.24	ND	1	< 1.0	1	U	0.24
1,1-Dichloropropene		< 1.0	1	U	0.2	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2
1,2,3-Trichlorobenzene		< 1.0	1	U	0.2	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2
1,2,3-Trichloropropane	0.04	< 1.0	1	U	0.21	< 1.0	1	U	0.21	ND	1	< 1.0	1	U	0.21
1,2,4-Trichlorobenzene		< 1.0	1	U	0.18	< 1.0	1	U	0.18	ND	1	< 1.0	1	U	0.18
1,2,4-Trimethylbenzene	5	< 1.0	1	U	0.18	< 1.0	1	U	0.18	ND	1	< 1.0	1	U	0.18
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	U	0.36	< 1.0	1	U	0.36	ND	1	< 1.0	1	U	0.36
1,2-Dibromoethane	5	< 1.0	1	U	0.2	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2
1,2-Dichlorobenzene	0.6	< 1.0	1	U	0.16	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16
1,2-Dichloethane	0.94	< 0.6	0.6	U	0.2	< 0.6	0.6	U	0.2	ND	0.6	< 0.6	0.6	U	0.2
1,2-Dibropropane		< 1.0	1	U	0.18	< 1.0	1	U	0.18	ND	1	< 1.0	1	U	0.18
1,3,5-Trimethylbenzene	5	< 1.0	1	U	0.21	< 1.0	1	U	0.21	ND	1	< 1.0	1	U	0.21
1,3-Dichlorobenzene	5	< 3	3	U	0.19	< 3	3	U	0.19	ND	1	< 3	3	U	0.19
1,3-Dichloropropane	5	< 1.0	1	U	0.22	< 1.0	1	U	0.22	ND	1	< 1.0	1	U	0.22
1,4-Dichlorobenzene	5	< 5.0	5	U	0.19	< 5.0	5	U	0.19	ND	1	< 5.0	5	U	0.19
2,2-Dichloropropane	5	< 1.0	1	U	0.16	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16
2-Chlorotoluene	5	< 1.0	1	U	0.23	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23
2-Hexanone (Methyl Butyl Ketone)		< 1.0	1	U	0.27	< 1.0	1	U	0.27	ND	5	< 1.0	1	U	0.27
2-Isopropyltoluene	5	< 1.0	1	U	0.21	< 1.0	1	U	0.21	ND	1	**0.4**	1	J	0.21
4-Chlorotoluene	5	< 1.0	1	U	0.16	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16
4-Methyl-2-Pentanone		< 1.0	1	U	0.19	< 1.0	1	U	0.19	ND	5	< 1.0	1	U	0.19
Acetone		**3.6**	5	J	0.31	**4**	5	J	0.31	ND	25	< 5.0	5	U	0.31
Acrylonitrile	5	< 5.0	5	U	0.95	< 5.0	5	U	0.95	ND	5	< 5.0	5	U	0.95
Benzene	1	< 5.0	5	U	0.17	< 5.0	5	U	0.17	ND	0.7	< 5.0	5	U	0.17
Bromobenzene	5	< 0.70	0.7	U	0.19	< 0.70	0.7	U	0.19	ND	1	< 0.70	0.7	U	0.19
Bromochloromethane	5	< 1.0	1	U	0.2	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2
Bromodichloromethane		< 1.0	1	U	0.22	< 1.0	1	U	0.22	ND	0.5	< 1.0	1	U	0.22
Bromoform		< 1.0	1	U	0.16	< 1.0	1	U	0.16	ND	1	< 1.0	1	U	0.16
Bromomethane	5	< 5.0	5	U	0.1	< 5.0	5	U	0.1	ND	1	< 5.0	5	U	0.1
Carbon Disulfide	60	< 5.0	5	U	0.25	< 5.0	5	U	0.25	ND	5	< 5.0	5	U	0.25
Carbon tetrachloride	5	< 1.0	1	U	0.24	< 1.0	1	U	0.24	ND	1	< 1.0	1	U	0.24
Chlorobenzene	5	< 1.0	1	U	0.23	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23
Chloroethane	5	< 5.0	5	U	0.2	< 5.0	5	U	0.2	ND	1	< 5.0	5	U	0.2
Chloroform	7	< 5.0	5	U	0.24	< 5.0	5	U	0.24	ND	1	< 5.0	5	U	0.24
Chloromethane	60	**1.1**	5	J	0.22	**0.71**	5	J	0.22	ND	1	< 5.0	5	U	0.22
cis-1,2-Dichloroethene	5	**0.21**	5	J	0.21	**0.68**	5	J	0.21	**3.3**	1	< 5.0	5	U	0.21
cis-1,3-Dichloropropene		**0.82**	1	J	0.23	**6.5**	1		0.23	ND	0.4	**2.3**	1		0.23
Dibromochloromethane		< 0.40	0.4	U	0.15	< 0.40	0.4	U	0.15	ND	0.5	< 0.40	0.4	U	0.15
Dibromomethane	5	< 1.0	1	U	0.15	< 1.0	1	U	0.15	ND	1	< 1.0	1	U	0.15
Dichlorodifluoromethane	5	< 1.0	1	U	0.23	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23
Ethylbenzene	5	< 1.0	1	U	0.26	< 1.0	1	U	0.26	ND	1	< 1.0	1	U	0.26
Hexachlorobutadiene	0.5	< 1.0	1	U	0.19	< 1.0	1	U	0.19	ND	0.4	< 1.0	1	U	0.19
Isopropylbenzene	5	< 0.5	0.5	U	0.13	< 0.5	0.5	U	0.13	ND	1	< 0.5	0.5	U	0.13
m&p-Xylenes	5	< 1.0	1	U	0.22	< 1.0	1	U	0.22	ND	1	< 1.0	1	U	0.22
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	U	0.42	< 1.0	1	U	0.42	ND	5	< 1.0	1	U	0.42
Methyl t-butyl ether (MTBE)	10	< 1.0	1	U	0.5	< 1.0	1	U	0.5	ND	1	< 1.0	1	U	0.5
Methylene chloride	5	< 1.0	1	U	0.19	< 1.0	1	U	0.19	ND	1	< 1.0	1	U	0.19
Naphthalene	10	< 3.0	3	U	0.16	< 3.0	3	U	0.16	ND	1	< 3.0	3	U	0.16
n-Butylbenzene	5	< 1.0	1	U	0.19	< 1.0	1	U	0.19	ND	1	< 1.0	1	U	0.19
n-Propylbenzene	5	< 1.0	1	U	0.22	< 1.0	1	U	0.22	ND	1	< 1.0	1	U	0.22
o-Xylene	5	< 1.0	1	U	0.2	< 1.0	1	U	0.2	ND	1	< 1.0	1	U	0.2
p-Isopropyltoluene		< 1.0	1	U	0.45	< 1.0	1	U	0.45	ND	1	< 1.0	1	U	0.45
sec-Butylbenzene	5	< 1.0	1	U	0.21	< 1.0	1	U	0.21	ND	1	< 1.0	1	U	0.21
Styrene	5	< 1.0	1	U	0.22	< 1.0	1	U	0.22	ND	1	**1.3**	1		0.22
tert-Butylbenzene	5	< 1.0	1	U	0.41	< 1.0	1	U	0.41	ND	1	< 1.0	1	U	0.41
Tetrachloroethene	5	< 1.0	1	U	0.23	< 1.0	1	U	0.23	**47**	5	< 1.0	1	U	0.23
Tetrahydrofuran (THF)		**39**	5		5	**170**	10		2.4	ND	2.5	**18**	1		0.24
Toluene	5	< 5.0	5	U	0.51	< 5.0	5	U	0.51	ND	1	< 5.0	5	U	0.51
Total Xylenes	5	< 1.0	1	U	0.2	< 1.0	1	U	0.2	ND	2	< 1.0	1	U	0.2
trans-1,2-Dichloroethene	5	< 5.0	5	U	0.2	**0.83**	5	J	0.2	ND	1	< 5.0	5	U	0.2
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	U	0.14	< 0.40	0.4	U	0.14	ND	0.4	< 0.40	0.4	U	0.14
trans-1,4-dichloro-2-butene	5	< 1.0	1	U	0.45	< 1.0	1	U	0.45	ND	5	< 1.0	1	U	0.45
Trichloroethene	5	**29**	1		0.18	**120**	10		1.8	**57**	5	**21**	1		0.18
Trichlorofluoromethane	5	< 1.0	1	U	0.23	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23
Trichlorotrifluoroethane		< 1.0	1	U	0.23	< 1.0	1	U	0.23	ND	1	< 1.0	1	U	0.23
Vinyl Chloride	2	< 1.0	1	U	0.14	< 1.0	1	U	0.14	ND	1	< 1.0	1	U	0.14

Notes:

ND - Not detected
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
853 Lexington Ave,
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW1				MW2		MW2				MW3	
		5/31/2013		1/8/2014				5/31/2013		1/8/2014				5/31/2013	
	µg/L	µg/L		µg/L				µg/L		µg/L				µg/L	
		Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL
1,2,4,5-Tetrachlorobenzene		ND	1.7	< 1.5	1.5	U	1.5	ND	1.7	< 1.5	1.5	U	1.5	ND	1.8
1,2,4-Trichlorobenzene		ND	5.3	< 5.0	5	U	1.5	ND	5.3	< 5.0	5	U	1.5	ND	5.6
1,2-Dichlorobenzene		ND	4	< 3	3	U	1.4	ND	4	< 3	3	U	1.4	ND	5.6
1,2-Diphenylhdrazine		ND	5.3	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6	ND	5.6
1,3-Dichlorobenzene		ND	3	< 3	3	U	1.5	ND	3	< 3	3	U	1.5	ND	5.6
1,4-Dichlorobenzene		ND	5	< 3	3	U	1.5	ND	5	< 3	3	U	1.5	ND	5.6
2,4,5-Trichlorophenol	3	ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	11
2,4,6-Trichlorophenol	3	ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	11
2,4-Dichlorophenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	11
2,4-Dimethylphenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	11
2,4-Dinitrophenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	56
2,4-Dinitrotoluene	5	ND	5	< 5.0	5	U	2	ND	5	< 5.0	5	U	2	ND	5.6
2,6-Dinitrotoluene	5	ND	5	< 5.0	5	U	1.6	ND	5	< 5.0	5	U	1.6	ND	5.6
2-Chloronaphthalene	10	ND	5.3	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4	ND	5.6
2-Chlorophenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	11
2-Methylnaphthalene		ND	5.3	< 5.0	5	U	1.5	ND	5.3	< 5.0	5	U	1.5	ND	5.6
2-Methylphenol (o-cresol)		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	11
2-Nitroaniline	5	ND	5	< 5	5	U	5	ND	5	< 5	5	U	5	ND	56
2-Nitrophenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	11
3&4-Methylphenol (m&p-cresol)		ND	11	< 5.0	5	U	2	ND	11	< 5.0	5	U	2	ND	11
3,3'-Dichlorobenzidine	5	ND	5	< 5	5	U	2.4	ND	5	< 5	5	U	2.4	ND	56
3-Nitroaniline	5	ND	5	< 5	5	U	5	ND	5	< 5	5	U	5	ND	56
4,6-Dinitro-2-methylphenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	56
4-Bromophenyl phenyl ether		ND	5.3	< 5.0	5	U	1.5	ND	5.3	< 5.0	5	U	1.5	ND	5.6
4-Chloro-3-methylphenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	22
4-Chloroaniline	5	ND	5	< 5	5	U	2.3	ND	5	< 5	5	U	2.3	ND	22
4-Chlorophenyl phenyl ether		ND	5.3	< 5.0	5	U	1.7	ND	5.3	< 5.0	5	U	1.7	ND	5.6
4-Nitroaniline	5	ND	5	< 5	5	U	1.7	ND	5	< 5	5	U	1.7	ND	22
4-Nitrophenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	56
Acenaphthene	20	ND	0.053	< 5.0	5	U	1.5	ND	0.053	< 5.0	5	U	1.5	**0.11**	0.056
Acenaphthylene		ND	0.053	< 5.0	5	U	1.6	ND	0.053	< 5.0	5	U	1.6	ND	0.056
Acetophenone		ND	5.3	< 5	5	U	5	ND	5.3	< 5	5	U	5	ND	5.6
Aniline		ND	5	< 5.0	5	U	1.6	ND	5	< 5.0	5	U	1.6	ND	11
Anthracene	50	ND	5.3	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6	ND	5.6
Benzo(a)anthracene	0.002	**0.074**	0.042	**0.07**	0.02		0.02	**0.063**	0.042	**0.05**	0.02		0.02	**0.28**	0.044
Benzidine	5	ND	5	< 5	5	U	2.9	ND	5	< 5	5	U	2.9	ND	56
Benzo(a)pyrene		ND	0.053	< 0.02	0.02	U	0.02	ND	0.053	< 0.02	0.02	U	0.02	**0.2**	0.056
Benzo(b)fluoranthene	0.002	**0.063**	0.053	**0.03**	0.02		0.02	**0.053**	0.053	< 0.02	0.02	U	0.02	**0.3**	0.056
Benzo(g,h,i)perylene		ND	3.2	< 0.02	0.02	U	0.02	ND	3.2	< 0.02	0.02	U	0.02	ND	3.3
Benzo(k)fluoranthene	0.002	ND	0.053	< 0.02	0.02	U	0.02	ND	0.053	< 0.02	0.02	U	0.02	**0.11**	0.056
Benzoic Acid		ND	50	< 25	25	U	10	ND	50	< 25	25	U	10	ND	56
Benzyl Butyl phthalate		ND	5.3	< 5.0	5	U	1.3	ND	5.3	< 5.0	5	U	1.3	ND	5.6
Bis(2-chloroethoxy)methane	5	ND	5	< 5.0	5	U	1.4	ND	5	< 5.0	5	U	1.4	ND	5.6
Bis(2-chloroethyl)ether	1	ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	5.6
Bis(2-chloroisopropyl)ether		ND	5.3	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4	ND	5.6
Bis(2-ethylhexyl)phthalate	5	ND	1.7	< 1.6	1.6	U	1.4	**4.3**	1.7	< 1.6	1.6	U	1.4	**40**	1.8
Carbazole		ND	5.3	< 25	25	U	3.8	ND	5.3	< 25	25	U	3.8	ND	5.6
Chrysene	0.002	**0.074**	0.053	**0.05**	0.02		0.02	**0.053**	0.053	**0.04**	0.02		0.02	**0.33**	0.056
Dibenzo(a,h)anthracene		ND	0.011	< 0.02	0.02	U	0.02	ND	0.011	< 0.02	0.02	U	0.02	**0.044**	0.011
Dibenzofuran		ND	5	< 5.0	5	U	1.5	ND	5	< 5.0	5	U	1.5	ND	5.6
Diethylphthalate	50	ND	5.3	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6	ND	5.6
Dimethylphthalate	50	ND	5.3	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6	ND	5.6
Di-n-butylphthalate	50	ND	5.3	< 5.0	5	U	1.3	ND	5.3	< 5.0	5	U	1.3	ND	5.6
Di-n-octylphthalate	50	ND	5.3	< 5.0	5	U	1.3	ND	5.3	< 5.0	5	U	1.3	ND	5.6
Fluoranthene	50	ND	5.3	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6	ND	5.6
Hexachlorobenzene	0.04	ND	0.063	< 2.4	2.4	U	1.5	ND	0.063	< 2.4	2.4	U	1.5	ND	0.067
Fluorene	50	ND	5.3	< 5.0	5	U	1.7	ND	5.3	< 5.0	5	U	1.7	ND	5.6
Hexachlorobutadiene	0.5	ND	0.5	< 0.5	0.5	U	0.5	ND	0.5	< 0.5	0.5	U	0.5	ND	5.6
Hexachlorocyclopentadiene	5	ND	5	< 5.0	5	U	1.5	ND	5	< 5.0	5	U	1.5	ND	5.6
Hexachloroethane	5	ND	2.5	< 2.4	2.4	U	1.5	ND	2.5	< 2.4	2.4	U	1.5	ND	2.7
Indeno(1,2,3-cd)pyrene	0.002	ND	0.053	< 0.02	0.02	U	0.02	ND	0.053	< 0.02	0.02	U	0.02	**0.13**	0.056
Isophorone	50	ND	5.3	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4	ND	5.6
Naphthalene	10	ND	5	< 5.0	5	U	1.4	ND	5	< 5.0	5	U	1.4	ND	5.6
Nitrobenzene	0.4	ND	0.4	< 0.4	0.4	U	0.4	ND	0.4	< 0.4	0.4	U	0.4	ND	5.6
N-Nitrosodimethylamine		ND	5.3	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4	ND	5.6
N-Nitrosodi-n-propylamine		ND	5.3	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6	ND	5.6
N-Nitrosodiphenylamine	50	ND	5.3	< 5.0	5	U	1.9	ND	5.3	< 5.0	5	U	1.9	ND	5.6
Pentachloronitrobenzene		ND	0.11	< 0.10	0.1	U	0.1	ND	0.11	< 0.10	0.1	U	0.1	ND	0.11
Pentachlorophenol		ND	0.84	< 0.80	0.8	U	0.8	ND	0.84	< 0.80	0.8	U	0.8	ND	0.89
Phenanthrene	50	**0.13**	0.053	< 0.10	0.1	U	0.1	**0.063**	0.053	< 0.10	0.1	U	0.1	**0.79**	0.056
Phenol		ND	1	< 1	1	U	1	ND	1	< 1	1	U	1	ND	5.6
Pyrene	50	ND	5.3	< 5.0	5	U	1.7	ND	5.3	< 5.0	5	U	1.7	ND	5.6
Pyridine		ND	0.53	< 10	10	U	1.2	ND	0.53	< 10	10	U	1.2	ND	0.56

Notes:

ND - Not detected
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
853 Lexington Ave,
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW3 1/8/2014 µg/L				MW4 1/8/2014 µg/L				Duplicate (MW1) 5/31/2013 µg/L		Duplicate (MW1) 1/8/2014 µg/L			
	µg/L	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL
1,2,4,5-Tetrachlorobenzene		< 1.5	1.5	U	1.5	< 1.5	1.5	U	1.5	ND	1.9	< 1.5	1.5	U	1.5
1,2,4-Trichlorobenzene		< 5.0	5	U	1.5	< 5.0	5	U	1.5	ND	5.3	< 5.0	5	U	1.5
1,2-Dichlorobenzene		< 3	3	U	1.4	< 3	3	U	1.4	ND	4	< 3	3	U	1.4
1,2-Diphenylhdrazine		< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6
1,3-Dichlorobenzene		< 3	3	U	1.5	< 3	3	U	1.5	ND	3	< 3	3	U	1.5
1,4-Dichlorobenzene		< 3	3	U	1.5	< 3	3	U	1.5	ND	5	< 3	3	U	1.5
2,4,5-Trichlorophenol	3	< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
2,4,6-Trichlorophenol	3	< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
2,4-Dichlorophenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
2,4-Dimethylphenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
2,4-Dinitrophenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
2,4-Dinitrotoluene	5	< 5.0	5	U	2	< 5.0	5	U	2	ND	5	< 5.0	5	U	2
2,6-Dinitrotoluene	5	< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5	< 5.0	5	U	1.6
2-Chloronaphthalene	10	< 5.0	5	U	1.4	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4
2-Chlorophenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
2-Methylnaphthalene		< 5.0	5	U	1.5	< 5.0	5	U	1.5	ND	5.3	< 5.0	5	U	1.5
2-Methylphenol (o-cresol)		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
2-Nitroaniline	5	< 5	5	U	5	< 5	5	U	5	ND	5	< 5	5	U	5
2-Nitrophenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
3&4-Methylphenol (m&p-cresol)		< 5.0	5	U	2	< 5.0	5	U	2	ND	11	< 5.0	5	U	2
3,3'-Dichlorobenzidine	5	< 5	5	U	2.4	< 5	5	U	2.4	ND	5	< 5	5	U	2.4
3-Nitroaniline	5	< 5	5	U	5	< 5	5	U	5	ND	5	< 5	5	U	5
4,6-Dinitro-2-methylphenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
4-Bromophenyl phenyl ether		< 5.0	5	U	1.5	< 5.0	5	U	1.5	ND	5.3	< 5.0	5	U	1.5
4-Chloro-3-methylphenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
4-Chloroaniline	5	< 5	5	U	2.3	< 5	5	U	2.3	ND	5	< 5	5	U	2.3
4-Chlorophenyl phenyl ether		< 5.0	5	U	1.7	< 5.0	5	U	1.7	ND	5.3	< 5.0	5	U	1.7
4-Nitroaniline	5	< 5	5	U	1.7	< 5	5	U	1.7	ND	5	< 5	5	U	1.7
4-Nitrophenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
Acenaphthene	20	< 5.0	5	U	1.5	< 5.0	5	U	1.5	ND	0.059	< 5.0	5	U	1.5
Acenaphthylene		< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	0.059	< 5.0	5	U	1.6
Acetophenone		< 5	5	U	5	< 5	5	U	5	ND	5.3	< 5	5	U	5
Aniline		< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5	< 5.0	5	U	1.6
Anthracene	50	< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6
Benzo(a)anthracene	0.002	**0.12**	0.02		0.02	**0.03**	0.02		0.02	ND	0.047	**0.04**	0.02		0.02
Benzidine	5	< 5	5	U	2.9	< 5	5	U	2.9	ND	5	< 5	5	U	2.9
Benzo(a)pyrene		**0.06**	0.02		0.02	< 0.02	0.02	U	0.02	ND	0.059	< 0.02	0.02	U	0.02
Benzo(b)fluoranthene	0.002	**0.11**	0.02		0.02	< 0.02	0.02	U	0.02	ND	0.059	**0.03**	0.02		0.02
Benzo(g,h,i)perylene		**0.04**	0.02		0.02	< 0.02	0.02	U	0.02	ND	3.5	< 0.02	0.02	U	0.02
Benzo(k)fluoranthene	0.002	**0.04**	0.02		0.02	< 0.02	0.02	U	0.02	ND	0.059	< 0.02	0.02	U	0.02
Benzoic Acid		< 25	25	U	10	< 25	25	U	10	ND	50	< 25	25	U	10
Benzyl Butyl phthalate		< 5.0	5	U	1.3	< 5.0	5	U	1.3	ND	5.3	< 5.0	5	U	1.3
Bis(2-chloroethoxy)methane	5	< 5.0	5	U	1.4	< 5.0	5	U	1.4	ND	5	< 5.0	5	U	1.4
Bis(2-chloroethyl)ether	1	< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
Bis(2-chloroisopropyl)ether		< 5.0	5	U	1.4	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4
Bis(2-ethylhexyl)phthalate	5	**3**	1.6		1.4	< 1.6	1.6	U	1.4	ND	1.9	< 1.6	1.6	U	1.4
Carbazole		< 25	25	U	3.8	< 25	25	U	3.8	ND	5.3	< 25	25	U	3.8
Chrysene	0.002	**0.13**	0.02		0.02	**0.02**	0.02		0.02	ND	0.059	**0.03**	0.02		0.02
Dibenzo(a,h)anthracene		< 0.02	0.02	U	0.02	< 0.02	0.02	U	0.02	ND	0.012	< 0.02	0.02	U	0.02
Dibenzofuran		< 5.0	5	U	1.5	< 5.0	5	U	1.5	ND	5	< 5.0	5	U	1.5
Diethylphthalate	50	< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6
Dimethylphthalate	50	< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6
Di-n-butylphthalate	50	< 5.0	5	U	1.3	< 5.0	5	U	1.3	ND	5.3	< 5.0	5	U	1.3
Di-n-octylphthalate	50	< 5.0	5	U	1.3	< 5.0	5	U	1.3	ND	5.3	< 5.0	5	U	1.3
Fluoranthene	50	< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6
Hexachlorobenzene	0.04	< 2.4	2.4	U	1.5	< 2.4	2.4	U	1.5	ND	0.071	< 2.4	2.4	U	1.5
Fluorene	50	< 5.0	5	U	1.7	< 5.0	5	U	1.7	ND	5.3	< 5.0	5	U	1.7
Hexachlorobutadiene	0.5	< 0.5	0.5	U	0.5	< 0.5	0.5	U	0.5	ND	0.5	< 0.5	0.5	U	0.5
Hexachlorocyclopentadiene	5	< 5.0	5	U	1.5	< 5.0	5	U	1.5	ND	5	< 5.0	5	U	1.5
Hexachloroethane	5	< 2.4	2.4	U	1.5	< 2.4	2.4	U	1.5	ND	2.8	< 2.4	2.4	U	1.5
Indeno(1,2,3-cd)pyrene	0.002	**0.03**	0.02		0.02	< 0.02	0.02	U	0.02	ND	0.059	< 0.02	0.02	U	0.02
Isophorone	50	< 5.0	5	U	1.4	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4
Naphthalene	10	< 5.0	5	U	1.4	< 5.0	5	U	1.4	ND	5	< 5.0	5	U	1.4
Nitrobenzene	0.4	< 0.4	0.4	U	0.4	< 0.4	0.4	U	0.4	ND	0.4	< 0.4	0.4	U	0.4
N-Nitrosodimethylamine		< 5.0	5	U	1.4	< 5.0	5	U	1.4	ND	5.3	< 5.0	5	U	1.4
N-Nitrosodi-n-propylamine		< 5.0	5	U	1.6	< 5.0	5	U	1.6	ND	5.3	< 5.0	5	U	1.6
N-Nitrosodiphenylamine	50	< 5.0	5	U	1.9	< 5.0	5	U	1.9	ND	5.3	< 5.0	5	U	1.9
Pentachloronitrobenzene		< 0.10	0.1	U	0.1	< 0.10	0.1	U	0.1	ND	0.12	< 0.10	0.1	U	0.1
Pentachlorophenol		< 0.80	0.8	U	0.8	< 0.80	0.8	U	0.8	ND	0.94	< 0.80	0.8	U	0.8
Phenanthrene	50	**0.29**	0.1		0.1	< 0.10	0.1	U	0.1	ND	0.059	< 0.10	0.1	U	0.1
Phenol		< 1	1	U	1	< 1	1	U	1	ND	1	< 1	1	U	1
Pyrene	50	< 5.0	5	U	1.7	< 5.0	5	U	1.7	ND	5.3	< 5.0	5	U	1.7
Pyridine		< 10	10	U	1.2	< 10	10	U	1.2	ND	0.59	< 10	10	U	1.2

Notes:

ND - Not detected
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is susp
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 9
853 Lexington Ave,
Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards	MW1 5/31/2013 µg/L		MW1 1/8/2014 µg/L				MW2 5/31/2013 µg/L		MW2 1/8/2014 µg/L				MW3 5/31/2013 µg/L		MW3 1/8/2014 µg/L				MW4 1/8/2014 µg/L				Duplicate (MW1) 5/31/2013 µg/L		Duplicate (MW1) 1/8/2014 µg/L			
	µg/L	Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL
PCB-1016	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1221	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1232	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1242	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1248	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1254	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1260	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1262	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
PCB-1268	**0.09**	ND	0.05	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072	ND	0.086	< 0.072	0.072	U	0.072	< 0.072	0.072	U	0.072	ND	0.05	< 0.072	0.072	U	0.072
4,4-DDD	**0.3**	ND	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.01	ND	0.009	< 0.010	0.01	U	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.012
4,4-DDE	**0.2**	ND	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.01	ND	0.009	< 0.010	0.01	U	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.012
4,4-DDT	**0.11**	ND	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.01	ND	0.009	< 0.010	0.01	U	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.012
a-BHC	**0.94**	ND	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.01	ND	0.009	< 0.010	0.01	U	0.01	< 0.010	0.01	U	0.01	ND	0.01	< 0.010	0.01	U	0.012
a-chlordane		-	-	< 0.025	0.025	U	0.025	-	-	< 0.025	0.025	U	0.025	-	-	< 0.026	0.026	U	0.026	< 0.025	0.025	U	0.025	-	-	< 0.029	0.029	U	0.029
Alachlor		ND	0.002	< 0.075	0.075	U	0.075	ND	0.002	< 0.075	0.075	U	0.075	ND	0.003	< 0.077	0.077	U	0.077	< 0.075	0.075	U	0.075	ND	0.002	< 0.088	0.088	U	0.088
Aldrin		ND	0.005	< 0.002	0.002	U	0.002	ND	0.005	< 0.002	0.002	U	0.002	ND	0.009	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	ND	0.005	< 0.002	0.002	U	0.002
b-BHC	**0.04**	ND	0.05	< 0.005	0.005	U	0.005	ND	0.05	< 0.005	0.005	U	0.005	ND	0.043	< 0.005	0.005	U	0.005	< 0.005	0.005	U	0.005	ND	0.05	< 0.006	0.006	U	0.006
Chlordane	**0.05**	ND	0.025	< 0.050	0.05	U	0.05	ND	0.025	< 0.050	0.05	U	0.05	ND	0.04	< 0.050	0.05	U	0.052	< 0.050	0.05	U	0.05	ND	0.025	< 0.050	0.05	U	0.059
d-BHC	**0.04**	ND	0.002	< 0.025	0.025	U	0.025	ND	0.002	< 0.025	0.025	U	0.025	ND*	0.014	< 0.026	0.026	U	0.026	< 0.025	0.025	U	0.025	ND	0.002	< 0.029	0.029	U	0.029
Dieldrin	**0.004**	ND	0.05	< 0.002	0.002	U	0.002	ND	0.05	< 0.002	0.002	U	0.002	ND	0.086	< 0.002	0.002	U	0.002	< 0.002	0.002	U	0.002	ND	0.05	< 0.002	0.002	U	0.002
Endosulfan I		ND	0.05	< 0.050	0.05	U	0.05	ND	0.05	< 0.050	0.05	U	0.05	ND	0.086	< 0.052	0.052	U	0.052	< 0.050	0.05	U	0.05	ND	0.05	< 0.059	0.059	U	0.059
Endosulfan II		ND	0.05	< 0.050	0.05	U	0.05	ND	0.05	< 0.050	0.05	U	0.05	ND	0.086	< 0.052	0.052	U	0.052	< 0.050	0.05	U	0.05	ND	0.05	< 0.059	0.059	U	0.059
Endosulfan Sulfate		ND	0.01	< 0.050	0.05	U	0.05	ND	0.01	< 0.050	0.05	U	0.05	ND	0.009	< 0.052	0.052	U	0.052	< 0.050	0.05	U	0.05	ND	0.01	< 0.059	0.059	U	0.059
Endrin		ND	0.05	< 0.010	0.01	U	0.01	ND	0.05	< 0.010	0.01	U	0.01	ND	0.086	< 0.010	0.01	U	0.01	< 0.010	0.01	U	0.01	ND	0.05	< 0.010	0.01	U	0.012
Endrin aldehyde	**5**	ND	0.05	< 0.050	0.05	U	0.05	ND	0.05	< 0.050	0.05	U	0.05	ND	0.086	< 0.052	0.052	U	0.052	< 0.050	0.05	U	0.05	ND	0.05	< 0.059	0.059	U	0.059
Endrin ketone		ND	0.025	< 0.050	0.05	U	0.05	ND	0.025	< 0.050	0.05	U	0.05	ND	0.043	< 0.052	0.052	U	0.052	< 0.050	0.05	U	0.05	ND	0.025	< 0.059	0.059	U	0.059
gamma-BHC	**0.05**	ND	0.01	< 0.025	0.025	U	0.025	ND	0.01	< 0.025	0.025	U	0.025	ND	0.009	< 0.026	0.026	U	0.026	< 0.025	0.025	U	0.025	ND	0.01	< 0.029	0.029	U	0.029
g-chlordane		-	-	< 0.025	0.025	U	0.025	-	-	< 0.025	0.025	U	0.025	-	-	< 0.026	0.026	U	0.026	< 0.025	0.025	U	0.025	-	-	< 0.029	0.029	U	0.029
Heptachlor	**0.04**	ND	0.1	< 0.010	0.01	U	0.01	ND	0.1	< 0.010	0.01	U	0.01	ND	0.17	< 0.010	0.01	U	0.01	< 0.010	0.01	U	0.01	ND	0.1	< 0.010	0.01	U	0.012
Heptachlor epoxide	**0.03**	ND	0.25	< 0.010	0.01	U	0.01	ND	0.25	< 0.010	0.01	U	0.01	ND	0.43	< 0.010	0.01	U	0.01	< 0.010	0.01	U	0.01	ND	0.25	< 0.010	0.01	U	0.012
Methoxychlor	**35**	ND	0.1	< 0.10	0.1	U	0.1	ND	0.1	< 0.10	0.1	U	0.1	ND	0.1	< 0.10	0.1	U	0.1	< 0.10	0.1	U	0.1	ND	0.1	< 0.12	0.12	U	0.12
Toxaphene		ND	0.25	< 0.25	0.25	U	0.25	ND	0.25	< 0.25	0.25	U	0.25	ND	0.25	< 0.26	0.26	U	0.26	< 0.25	0.25	U	0.25	ND	0.25	< 0.29	0.29	U	0.29

Notes:

ND - Non-detect
ND* - Due to matrix interference from non target compounds in the sample an elevated RL was reported.
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
853 Lexington Ave,
Brooklyn, New York
Groundwater Analytical Results
TAL Metals

Compound	NYSDEC Groundwater Quality Standards	MW1 5/31/2013 µg/L		MW1 1/8/2014 µg/L				MW2 5/31/2013 µg/L		MW2 1/8/2014 µg/L				MW3 5/31/2013 µg/L		MW3 1/8/2014 µg/L				MW4 1/8/2014 µg/L				Duplicate (MW1) 5/31/2013 µg/L		Duplicate (MW1) 1/8/2014 µg/L			
	µg/L	Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL
Aluminum	NS	24.50	0.01	17.60	0.01		0.00	42.10	0.05	35.20	0.10		0.02	55.20	0.05	18.90	0.01		0.00	32.90	0.10		0.02	25.50	0.01	11	0.01		0.0024
Antimony	0.003	BRL	0.003	< 0.003	0.003	U	0.003	BRL	0.003	< 0.003	0.003	U	0.003	BRL	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	BRL	0.003	< 0.003	0.003	U	0.003
Arsenic	0.025	0.006	0.004	0.018	0.004		0.001	0.009	0.004	0.021	0.004		0.001	0.022	0.004	0.016	0.004		0.001	0.024	0.004		0.001	0.007	0.004	0.014	0.004		0.001
Barium	1	0.289	0.002	0.200	0.010		0.000	0.343	0.002	0.409	0.010		0.000	0.481	0.002	0.224	0.010		0.000	0.454	0.010		0.000	0.300	0.002	0.151	0.010		0.0003
Beryllium	0.003	0.001	0.001	0.072	0.011		0.000	0.002	0.001	0.079	0.011		0.000	0.003	0.001	0.049	0.011		0.000	0.065	0.011		0.000	0.001	0.001	0.072	0.011		0.0003
Cadmium	0.005	0.002	0.001	0.0004	0.004	B*	0.000	0.003	0.001	0.002	0.004	B*	0.000	0.005	0.001	0.001	0.004	B*	0.000	0.002	0.004	B*	0.000	0.002	0.001	0.001	0.004	B*	0.0002
Calcium	NS	66	0.01	69	0.01		0.00	53	0.01	81.4	0.01		0.00	44.8	0.01	45	0.01		0.00	62.9	0.01		0.00	69.2	0.01	69	0.01		0.003
Chromium	0.05	0.105	0.001	0.084	0.001		0.001	0.193	0.001	0.195	0.001		0.001	0.242	0.001	0.077	0.001		0.001	0.137	0.001		0.001	0.111	0.001	0.053	0.001		0.0009
Cobalt	NS	0.056	0.002	0.043	0.005		0.000	0.079	0.002	0.074	0.005		0.000	0.103	0.002	0.048	0.005		0.000	0.105	0.005		0.000	0.062	0.002	0.025	0.005		0.0003
Copper	0.2	0.096	0.005	0.070	0.005		0.001	0.156	0.005	0.174	0.005		0.001	0.215	0.005	0.074	0.005		0.001	0.139	0.005		0.001	0.101	0.005	0.042	0.005		0.001
Iron	0.5	97.1	0.010	64.4	0.010		0.005	129	0.010	110	0.010		0.005	213	0.050	66.2	0.010		0.005	137	0.100		0.050	104	0.010	39.2	0.010		0.005
Lead	0.025	0.044	0.002	0.032	0.002		0.001	0.046	0.002	0.052	0.002		0.001	0.093	0.002	0.032	0.002		0.001	0.052	0.002		0.001	0.040	0.002	0.018	0.002		0.001
Magnesium	35	39.1	0.010	36	0.010		0.001	36.6	0.010	43.30	0.010		0.001	48.20	0.010	29.1	0.010		0.001	34.30	0.010		0.001	40.8	0.010	33.7	0.010		0.001
Manganese	0.3	5.0	0.005	2.1	0.050		0.010	6.61	0.005	4.17	0.050		0.010	8.02	0.005	2.7	0.050		0.010	9	0.050		0.010	5.01	0.005	1.2	0.005		0.001
Mercury	0.0007	BRL	0.000	< 0.0002	0.000	U	0.000	BRL	0.000	< 0.0002	0.000	U	0.000	BRL	0.000	< 0.0002	0.000	U	0.000	< 0.0002	0.000	U	0.000	BRL	0.000	< 0.0002	0.000	U	0.00015
Nickel	0.1	0.137	0.001	0.064	0.004		0.001	0.137	0.001	0.107	0.004		0.001	0.253	0.001	0.071	0.004		0.001	0.186	0.004		0.001	0.140	0.001	0.041	0.004		0.0005
Potassium	NS	12.4	0.100	8.5	1.000		1.000	11.8	0.100	9	1.000		1.000	14.1	0.100	5.4	1.000		1.000	13.5	1.000		1.000	12.3	0.100	6.3	1.000		1
Selenium	0.01	BRL	0.010	< 0.004	0.004	U	0.002	BRL	0.010	< 0.004	0.004	U	0.002	BRL	0.010	< 0.004	0.004	U	0.002	0.002	0.004	B	0.002	BRL	0.010	< 0.004	0.004	U	0.002
Silver	0.05	BRL	0.001	< 0.005	0.005	U	0.001	BRL	0.001	< 0.005	0.005	U	0.001	BRL	0.001	< 0.005	0.005	U	0.001	< 0.005	0.005	U	0.001	BRL	0.001	< 0.005	0.005	U	0.001
Sodium	20	34	0.100	53	1.000		1.000	35	0.100	40	1.000		1.000	14	0.100	10	1.000		1.000	19	1.000		1.000	34	0.100	48	1.000		1
Thallium	0.0005	BRL	0.001	< 0.0005	0.001	U	0.001	BRL	0.001	< 0.0005	0.001	U	0.001	BRL	0.001	< 0.0005	0.001	U	0.001	< 0.0005	0.001	U	0.001	BRL	0.001	< 0.0005	0.001	U	0.0005
Vanadium	NS	0.099	0.002	0.064	0.010		0.001	0.120	0.002	0.108	0.010		0.001	0.196	0.002	0.064	0.010		0.001	0.134	0.010		0.001	0.104	0.002	0.040	0.010		0.001
Zinc	2	0.131	0.002	0.106	0.010		0.001	0.482	0.002	0.327	0.010		0.001	0.387	0.002	0.116	0.010		0.001	0.158	0.010		0.001	0.135	0.002	0.067	0.010		0.001

Notes:

BRL - Below Reporting Limit
NS - No Standard
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 11
853 Lexington Ave
Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW1 5/31/2013 µg/L		MW1 1/8/2014 µg/L				MW2 5/31/2013 µg/L		MW2 1/8/2014 µg/L				MW3 5/31/2013 µg/L		MW3 1/8/2014 µg/L				MW4 1/8/2014 µg/L				Duplicate (MW1) 5/31/2013 µg/L		Duplicate (MW1) 1/8/2014 µg/L			
	µg/L	Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL	Result	RL	Qual	MDL	Result	RL	Result	RL	Qual	MDL
Aluminum	**NS**	BRL	0.01	**0.17**	0.01		0.0026	**0.07**	0.01	**0.06**	0.01		0.0026	**0.14**	0.01	**0.10**	0.01		0.0026	**0.06**	0.01		0.0026	BRL	0.01	**0.07**	0.01		0.0026
Antimony	**0.003**	BRL	0.003	< 0.003	0.003	U	0.003	BRL	0.003	< 0.003	0.003	U	0.003	BRL	0.003	< 0.003	0.003	U	0.003	< 0.003	0.003	U	0.003	BRL	0.003	< 0.003	0.003	U	0.003
Arsenic	**0.025**	**0.004**	0.004	< 0.003	0.003	U	0.001	**0.004**	0.004	< 0.003	0.003	U	0.001	BRL	0.004	**0.008**	0.003		0.001	**0.001**	0.003	B	0.001	BRL	0.004	**0.003**	0.003		0.001
Barium	**1**	**0.081**	0.002	**0.072**	0.011		0.0003	**0.045**	0.002	**0.08**	0.011		0.0003	**0.03**	0.002	**0.049**	0.011		0.0003	**0.065**	0.011		0.0003	**0.078**	0.002	**0.072**	0.011		0.0003
Beryllium	**0.003**	BRL	0.001	< 0.001	0.001	U	0.001	BRL	0.001	< 0.001	0.001	U	0.001	BRL	0.001	< 0.001	0.001	U	0.001	< 0.001	0.001	U	0.001	BRL	0.001	< 0.001	0.001	U	0.001
Cadmium	**0.005**	BRL	0.001	< 0.004	0.004	U	0.0002	BRL	0.001	< 0.004	0.004	U	0.0002	BRL	0.001	< 0.004	0.004	U	0.0002	< 0.004	0.004	U	0.0002	BRL	0.001	< 0.004	0.004	U	0.0002
Calcium	**NS**	**67**	0.01	**68**	0.01		0.003	**48**	0.01	**75**	0.01		0.003	**32**	0.01	**40**	0.01		0.003	**58.9**	0.01		0.003	**67**	0.01	**70.3**	0.01		0.003
Chromium	**0.05**	BRL	0.001	< 0.001	0.001	U	0.001	BRL	0.001	< 0.001	0.001	U	0.001	BRL	0.001	**0.007**	0.001		0.001	< 0.001	0.001	U	0.001	BRL	0.001	< 0.001	0.001	U	0.001
Cobalt	**NS**	**0.004**	0.001	**0.002**	0.005	B	0.0003	**0.005**	0.001	**0.002**	0.005	B	0.0003	BRL	0.001	**0.001**	0.005	B	0.0003	**0.004**	0.005	B	0.0003	**0.004**	0.001	**0.004**	0.005	B	0.0003
Copper	**0.2**	BRL	0.005	**0.001**	0.005	B*	0.001	BRL	0.005	**0.001**	0.005	B*	0.001	BRL	0.005	**0.004**	0.005	B*	0.001	< 0.005	0.005	U*	0.001	BRL	0.005	< 0.005	0.005	U*	0.001
Iron	**0.5**	**0.057**	0.011	**0.21**	0.01		0.005	**0.07**	0.011	**0.03**	0.01		0.005	**0.16**	0.011	**0.03**	0.01		0.005	**0.1**	0.01		0.005	**0.08**	0.011	**0.02**	0.01		0.005
Lead	**0.025**	BRL	0.002	< 0.002	0.002	U	0.001	BRL	0.002	< 0.002	0.002	U	0.001	BRL	0.002	**0.003**	0.002	*	0.001	< 0.002	0.002	U	0.001	BRL	0.002	< 0.002	0.002	U*	0.001
Magnesium	**35**	**30**	0.01	**30**	0.01		0.001	**22**	0.01	**31**	0.01		0.001	**22**	0.01	**21**	0.01		0.001	**20.7**	0.01		0.001	**28**	0.01	**30.7**	0.01		0.001
Manganese	**0.3**	**2.490**	0.011	**0.149**	0.005		0.001	**4.520**	0.011	**0.466**	0.005		0.001	**1.22**	0.001	**0.079**	0.005	*	0.001	**0.96**	0.005		0.001	**2.030**	0.001	**0.329**	0.005	*	0.001
Mercury	**0.0007**	BRL	0.0002	< 0.0002	0.0002	U	0.0002	BRL	0.0002	< 0.0002	0.0002	U	0.0002	BRL	0.0002	< 0.0002	0.0002	U	0.0002	< 0.0002	0.0002	U	0.0002	BRL	0.0002	< 0.0002	0.0002	U	0.0002
Nickel	**0.1**	**0.047**	0.001	**0.006**	0.004		0.0005	**0.014**	0.001	**0.007**	0.004		0.0005	**0.017**	0.001	**0.007**	0.004	*	0.0005	**0.017**	0.004		0.0005	**0.041**	0.001	**0.007**	0.004	*	0.0005
Potassium	**NS**	**7**	0.1	**5**	0.1		0.1	**4**	0.1	**3**	0.1		0.1	**3**	0.1	**3**	0.1		0.1	**7.9**	0.1		0.1	**6**	0.1	**4.8**	0.1		0.1
Selenium	**0.01**	BRL	0.01	< 0.004	0.004	U	0.002	BRL	0.01	< 0.004	0.004	U	0.002	BRL	0.01	< 0.004	0.004	U	0.002	**0.008**	0.004		0.002	BRL	0.01	< 0.004	0.004	U	0.002
Silver	**0.05**	BRL	0.001	< 0.005	0.005	U	0.0006	BRL	0.001	< 0.005	0.005	U	0.0006	BRL	0.001	< 0.005	0.005	U	0.0006	< 0.005	0.005	U	0.0006	BRL	0.001	< 0.005	0.005	U	0.0006
Sodium	**20**	**35**	0.11	**45**	1.1		1.1	**40**	0.11	**45**	0.11		0.1	**12**	0.11	**10**	0.11		0.1	**19.8**	0.11		0.1	**36**	0.11	**52.9**	1.1		1.1
Thallium	**0.0005**	BRL	0.0005	< 0.0005	0.0005	U	0.0005	BRL	0.0005	< 0.0005	0.0005	U	0.0005	BRL	0.0005	< 0.0005	0.0005	U	0.0005	< 0.0005	0.0005	U	0.0005	BRL	0.0005	< 0.0005	0.0005	U	0.0005
Vanadium	**NS**	BRL	0.002	< 0.01	0.01	U	0.001	BRL	0.002	< 0.01	0.01	U	0.001	BRL	0.002	0	0.01	B	0.001	< 0.01	0.01	U	0.001	BRL	0.002	< 0.01	0.01	U	0.001
Zinc	**2**	**0.003**	0.002	**0.003**	0.011	B	0.001	**0.006**	0.002	**0.008**	0.011	B	0.001	**0.002**	0.002	**0.007**	0.011	B	0.001	**0.002**	0.011	B	0.001	**0.003**	0.002	**0.003**	0.011	B	0.001

Notes:

BRL - Below Reporting Limit
NS - No Standard
Qual - Qualifier
MDL - Minimum Detection Limit
U - the compound was analyzed for but not detected at or above the MDL
N - the concentrations is based on the response if the nearest internal.
J - the value is estimated - see report for further details
D - reported concentration is a result of a diluted analysis
S - this compound is a solvent that is used in the laboratory. Laboratory contamination is suspected id concentration is less than five times the reporting level
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 12
853 Lexington Ave,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SG-1 (µg/m3) 5/31/2013		SG-2 (µg/m3) 5/31/2013		SG-3 (µg/m3) 5/31/2013		SG-4 (µg/m3) 5/31/2013		SG-5 (µg/m3) 1/8/2014		SG-6 (µg/m3) 1/8/2014	
	(µg/m³) [a]	(µg/m³) [b]	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	30	<2.0 - 2.8	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	**1.57**	1	**2.9**	1	**2.01**	1	**2.01**	1	**6.19**	1	**5.26**	1
1,2-Dibromoethane		<1.5	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	ND	1	ND	1	ND	1	ND	1	**1.62**	1	**1.38**	1
1,3-Butadiene		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
1,4-Dioxane			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
2-Hexanone			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	ND	1	ND	1	ND	1	ND	1	**1.77**	1	**1.33**	1
4-Isopropyltoluene			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			ND	1	**1.8**	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Acetone		NA	**6.1**	1	**5.58**	1	**4.49**	1	**6.62**	1	**31.3**	1	**38**	1
Acrylonitrile			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	ND	1	**1.53**	1	**1.21**	1	**1.6**	1	**3.83**	1	**1.24**	1
Benzyl Chloride		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	ND	1	ND	1	**1.14**	1	ND	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	**13.2**	1	**1.03**	1	**10.7**	1	ND	1	< 1.00	1	< 1.00	1
Carbon Tetrachloride	5	<3.1	**0.566**	0.25	**2.45**	0.25	**0.566**	0.25	**1.19**	0.25	**0.377**	0.25	**0.44**	0.25
Chlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Chloroethane		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	ND	1	**4.44**	1	**1.12**	1	**3.81**	1	< 1.00	1	< 1.00	1
Chloromethane		<1.0 - 1.4	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	ND	1	**229**	1	ND	1	**3.25**	1	**13.8**	1	< 1.00	1
cis-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	ND	1	ND	1	**1.14**	1	**1.51**	1	**3.3**	1	**1.07**	1
Dibromochloromethane		<5.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Dichlorodifluromethane		NA	**2.47**	1	**2.92**	1	**2.67**	1	**2.82**	1	**1.78**	1	**2.52**	1
Ethanol			**36.7**	1	**39.5**	1	**44.1**	1	**25.2**	1	**54.6**	1	**26.9**	1
Ethyl Acetate		NA	**6.59**	1	**6.34**	1	**7.96**	1	**6.59**	1	< 1.00	1	< 1.00	1
Ethylbenzene		<4.3	ND	1	**7.81**	1	**1.17**	1	ND	1	**5.64**	1	**2.91**	1
Heptane		NA	ND	1	ND	1	ND	1	ND	1	**7.86**	1	**2.99**	1
Hexachlorobutadiene		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Hexane		<1.5	ND	1	ND	1	ND	1	ND	1	**10**	1	**2.75**	1
Isopropylalcohol		NA	ND	1	ND	1	ND	1	ND	1	**1.99**	1	< 1.00	1
Isopropylbenzene			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Xylene (m&p)		<4.3	**2.04**	1	**22.6**	1	**3.52**	1	**2.91**	1	**18.6**	1	**10.2**	1
Methyl Ethyl Ketone			**1.18**	1	**1.03**	1	ND	1	**2.48**	1	< 1.00	1	< 1.00	1
MTBE		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Methylene Chloride		<3.4	**2.15**	1	**4.58**	1	ND	1	**1.42**	1	< 1.00	1	< 1.00	1
n-Butylbenzene			ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Xylene (o)		<4.3	ND	1	**10.5**	1	**1.74**	1	**1.39**	1	**7.38**	1	**4.47**	1
Propylene		NA	ND	1	ND	1	**7.28**	1	ND	1	**1.53**	1	**3.22**	1
sec-Butylbenzene			ND	1	ND	1	ND	1	ND	1	**1.15**	1	< 1.00	1
Styrene		<1.0	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Tetrachloroethene	30		**42**	0.25	**9,290**	0.25	**10,400**	0.25	**6,980**	0.25	**187**	0.25	**334**	0.25
Tetrahydrofuran		NA	ND	1	**1.21**	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	**3.2**	1	**5.91**	1	**4.71**	1	**4.82**	1	**25.2**	1	**9.19**	1
trans-1,2-Dichloroethene		NA	ND	1	**1.19**	1	ND	1	ND	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1	ND	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	**13.7**	0.25	**3,290**	0.25	**142**	0.25	**1,110**	0.25	**204**	0.25	**52**	0.25
Trichlorofluoromethane		NA	**1.24**	1	**1.29**	1	**1.46**	1	**1.29**	1	< 1.00	1	**1.18**	1
Trichlorotrifluoroethane			ND	1	ND	1	ND	1	ND	1	**1.15**	1	**1.61**	1
Vinyl Chloride		<1.0	ND	0.25	ND	0.25	ND	0.25	ND	0.25	< 0.25	0.25	< 0.25	0.25

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
Value detected above NYSDOH Air Guidance Value of which would require at a minimum, monitoring.

TABLE 12
853 Lexington Ave,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value	NYSDOH Soil Outdoor Background Levels	SG-7 (µg/m3) 1/8/2014		SG-8 (µg/m3) 1/8/2014		SG-9 (µg/m3) 1/8/2014		SG-10 (µg/m3) 1/8/2014		IA-1 (µg/m3) 1/8/2014		OA-1 (µg/m3) 1/8/2014	
	(µg/m³) [a]	(µg/m³) [b]	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	30	<2.0 - 2.8	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	**5.31**	1	**5.4**	1	**4.32**	1	**3.05**	1	**1.42**	1	< 1.00	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	**3.49**	1
1,3,5-Trimethylbenzene		<1.0	**1.42**	1	**1.47**	1	**1.13**	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
2-Hexanone			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	< 1.00	1	**1.28**	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			< 1.00	1	< 1.00	1	< 1.00	1	**1.51**	1	< 1.00	1	< 1.00	1
Acetone		NA	**20.6**	1	**18.7**	1	**36.6**	1	**82.8**	1	**3.56**	1	**4.58**	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	**2.84**	1	**2.78**	1	**3.42**	1	**3.22**	1	**2.36**	1	< 1.00	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	**3.15**	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	**3.24**	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Tetrachloride	5	<3.1	**0.44**	0.25	**0.251**	0.25	**0.44**	0.25	**0.44**	0.25	**0.503**	0.25	**0.377**	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	**2.68**	1	**244**	1	**3.95**	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloromethane		<1.0 - 1.4	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	**1.5**	1	**11.1**	1	**2.18**	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	**1.65**	1	**2.37**	1	**2.82**	1	**1.58**	1	< 1.00	1	< 1.00	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluromethane		NA	**2.52**	1	**2.42**	1	**2.57**	1	**2.22**	1	**2.42**	1	**1.83**	1
Ethanol			**24.1**	1	**25.4**	1	**43.3**	1	**40.7**	1	**10.8**	1	**6.06**	1
Ethyl Acetate		NA	< 1.00	1	**1.01**	1	< 1.00	1	**10.1**	1	< 1.00	1	< 1.00	1
Ethylbenzene		<4.3	**3.08**	1	**4.25**	1	**3.47**	1	**3.12**	1	< 1.00	1	< 1.00	1
Heptane		NA	**3.32**	1	**4.91**	1	**5**	1	**4.38**	1	**1.02**	1	< 1.00	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	**3.63**	1	**5.46**	1	**5.32**	1	**6.23**	1	**2.25**	1	< 1.00	1
Isopropylalcohol		NA	**1.5**	1	**1.5**	1	**1.4**	1	**1.89**	1	**1.08**	1	**1.08**	1
Isopropylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Xylene (m&p)		<4.3	**11.5**	1	**14.4**	1	**11.5**	1	**10.2**	1	**2.69**	1	**1.22**	1
Methyl Ethyl Ketone			**1.18**	1	**1.3**	1	**1.59**	1	**5.28**	1	< 1.00	1	< 1.00	1
MTBE		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Methylene Chloride		<3.4	< 1.00	1	**1.08**	1	< 1.00	1	**1.04**	1	< 1.00	1	< 1.00	1
n-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Xylene (o)		<4.3	**4.51**	1	**5.64**	1	**4.73**	1	**4.08**	1	**1.13**	1	< 1.00	1
Propylene		NA	**7**	1	**8.68**	1	**6.74**	1	**3.66**	1	**2.87**	1	**1.7**	1
sec-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Styrene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Tetrachloroethene	30		**647**	0.25	**874**	0.25	**65**	0.25	**2**	0.25	**60**	0.25	**1**	0.25
Tetrahydrofuran		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	**10.6**	1	**16.7**	1	**15.1**	1	**13**	1	**4.52**	1	**2.86**	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	**324**	0.25	**80**	0.25	**7**	0.25	**1**	0.25	**17**	0.25	**0.43**	0.25
Trichlorofluoromethane		NA	**1.12**	1	**1.01**	1	**1.18**	1	**1.01**	1	**1.24**	1	< 1.00	1
Trichlorotrifluoroethane			**1.53**	1	**1.38**	1	**1.61**	1	**1.38**	1	**1.68**	1	**1.22**	1
Vinyl Chloride		<1.0	< 0.25	0.25	**0.255**	0.25	**1.12**	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25

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
Value detected above NYSDOH Air Guidance Value of which would require at a minimum, monitoring.

TABLE 13
Former Lexington Laundry Service Site
853 Lexington Avenue, Brooklyn, NY
Parameters Detected Above Track 1 Soil Cleanup Objectives

COMPOUND	Range in Exceedances	Frequency of Detection	B1		B2		B3		B4		B5		B6			B7		
			(0-2)	(4-6)	(0-2)	(4-6)	(0-2)	(4-6)	(0-2)	(4-6)	(0-2)	(4-6)	(0-2)	(10-12)	(43-45)	(0-2)	(10-12)	(43-45)
Sample Results in µg/kg																		
Acetone	76-130	4	130	77				76							86			
Tetrachloroethene	9,000-12,000	2							12,000	9,100								
Benzo(a)anthrancene	1,600-4,300	3	4,300				2,000	1,600										
Benzo(a)pyrene	1,200-3,500	3	3,500				1,500	1,200										
Benzo(b)fluoranthene	1,600-4,000	3	4,000				1,900	1,600										
Benzo(k)fluoranthene	1,300	1	1,300															
Chrysene	1,800-4,900	3	4,900				2,200	1,800										
Dibenz(a,h)anthracene	330-560	2	560				330											
Indeno(1,2,3-cd)pyrene	690-2,000	3	2,000				870	690										
4,4'-DDE	3.6-4.4	2	4.4					3.6										
Sample Results in mg/kg																		
Lead	63-64	2					66		64							127		
Barium	1,140	1							1,140									
Mercury	1	1	1.47														30.2	
Zinc	152	1			152											176		

COMPOUND	Range in Exceedances	Frequency of Detection	B8			B9			B10			B11		B12		B13	
			(0-2)	(10-12)	(43-45)	(0-2)	(10-12)	(43-45)	(0-2)	(10-12)	(43-45)	(0-2)	(6-8)	(0-2)	(6-8)	(0-2)	(6-8)
Sample Results in µg/kg																	
Acetone	55-210	6				140			210					55	150	160	190
Sample Results in mg/kg																	
Nickel	35.3-43.5	2			35.3											43.5	

TABLE 14
Former Lexington Laundry Service Site
853 Lexington Avenue, Brooklyn NY
Parameters Detected Above Ambient Water Quality Standards

VOCs / SVOCs

COMPOUND	Range in Detections	MW1 5/31/13	MW1 1/8/14	MW2 5/31/13	MW2 1/8/14	MW3 5/31/13	MW3 1/8/14	MW4 1/8/14
Sample Results in (µg/L)								
Tetrachloroethene	**15-110**	**50**		**15**		**110**		
Trichloroethene	**17-120**	**61**	**19**	**23**	**17**	**85**	**29**	**120**
Benzo(a)anthracene	**0.03-0.12**	**0.074**	**0.07**	**0.063**	**0.05**	**0.28**	**0.12**	**0.03**
Benzo(b)fluoranthene	**0.03-0.3**	**0.063**	**0.03**	**0.053**		**0.3**	**0.11**	
Bis(2-ethylhexyl)phthalate	**40**					**40**		
Benzo(k)fluoranthene	**0.04-0.11**					**0.11**	**0.04**	
Chyrsene	**0.02-0.33**	**0.074**	**0.05**	**0.053**	**0.04**	**0.33**	**0.13**	**0.02**
Indeno(1,2,3-cd)pyrene	**0.03-0.13**					**0.13**	**0.03**	

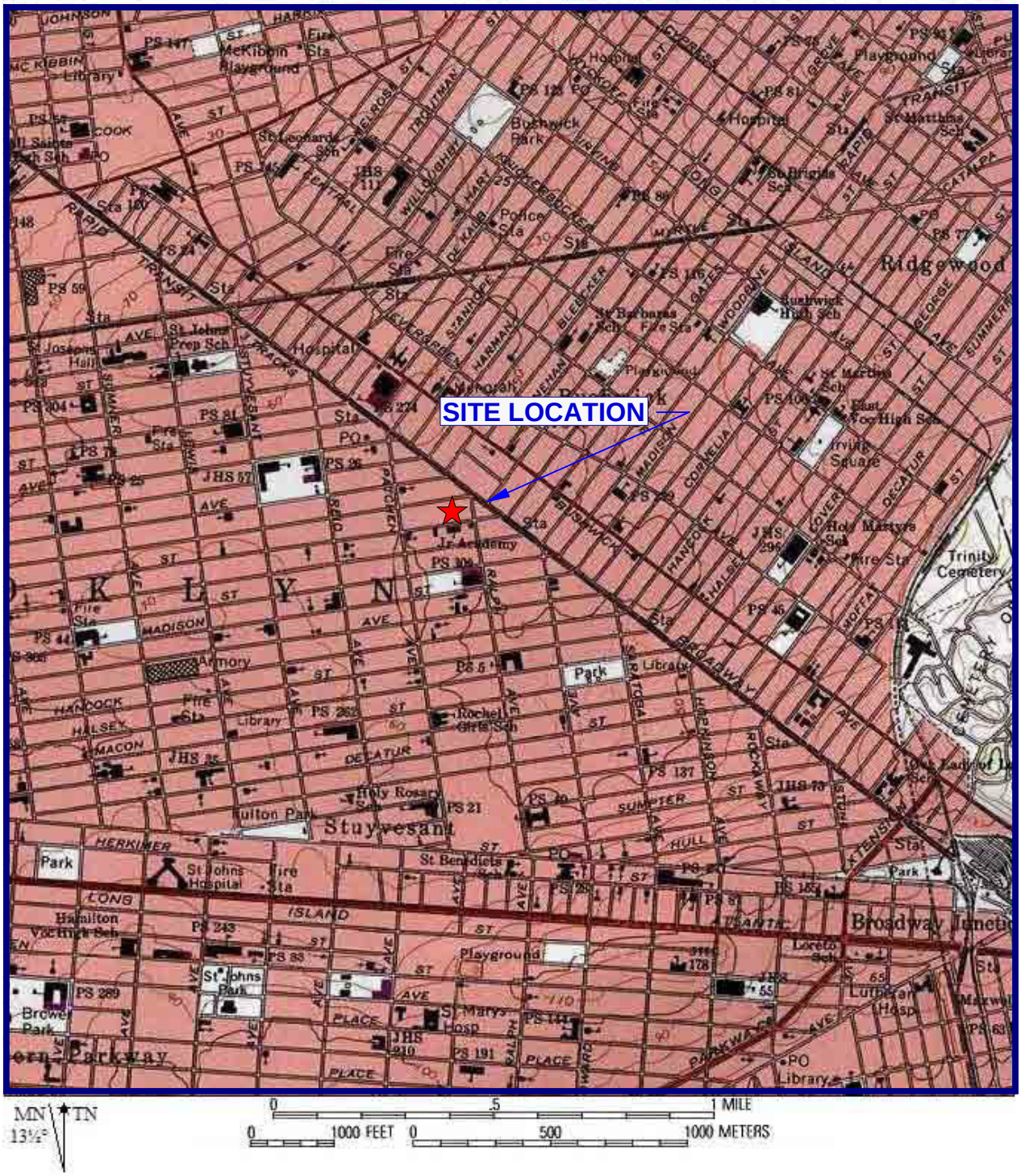
Metals (dissolved)

COMPOUND	Range in Detections	MW1 5/31/13	MW1 1/8/14	MW2 5/31/13	MW2 1/8/14	MW3 5/31/13	MW3 1/8/14	MW4 1/8/14
Sample Results in (mg/L)								
Beryllium	**0.003-0.079**		**0.072**		**0.079**	**0.003**		**0.065**
Cadmium	**0.005**					**0.005**		
Chromium	**0.077-0.242**	**0.105**	**0.084**	**0.193**	**0.195**	**0.242**	**0.077**	**0.137**
Copper	**0.215**					**0.215**		
Iron	**64.4-213**	**97.1**	**64.4**	**129**	**110**	**213**	**66.2**	**137**
Lead	**0.032-0.093**	**0.044**	**0.032**	**0.046**	**0.052**	**0.093**	**0.032**	**0.052**
Magnesium	**5-43.3**	**5**	**36**	**6.61**	**43.3**	**8.02**		
Manganese	**2.1-9**		**2.10**		**4.17**		**2.7**	**9**
Nickel	**0.137-0.253**	**0.137**		**0.137**		**0.253**		
Sodium	**10-53**	**34**	**53**	**35**	**40**	**14**	**10**	**19**

Metals (total)

COMPOUND	Range in Detections	MW1 5/31/13	MW1 1/8/14	MW2 5/31/13	MW2 1/8/14	MW3 5/31/13	MW3 1/8/14	MW4 1/8/14
Sample Results in (mg/L)								
Manganese	**0.96-4.52**	**2.49**		**4.52**	**0.47**	**1.2**		**0.96**
Sodium	**10-45**	**35**	**45**	**40**	**45**	**12**	**10**	**19.8**

FIGURES



USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

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853 LEXINGTON AVENUE
BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP

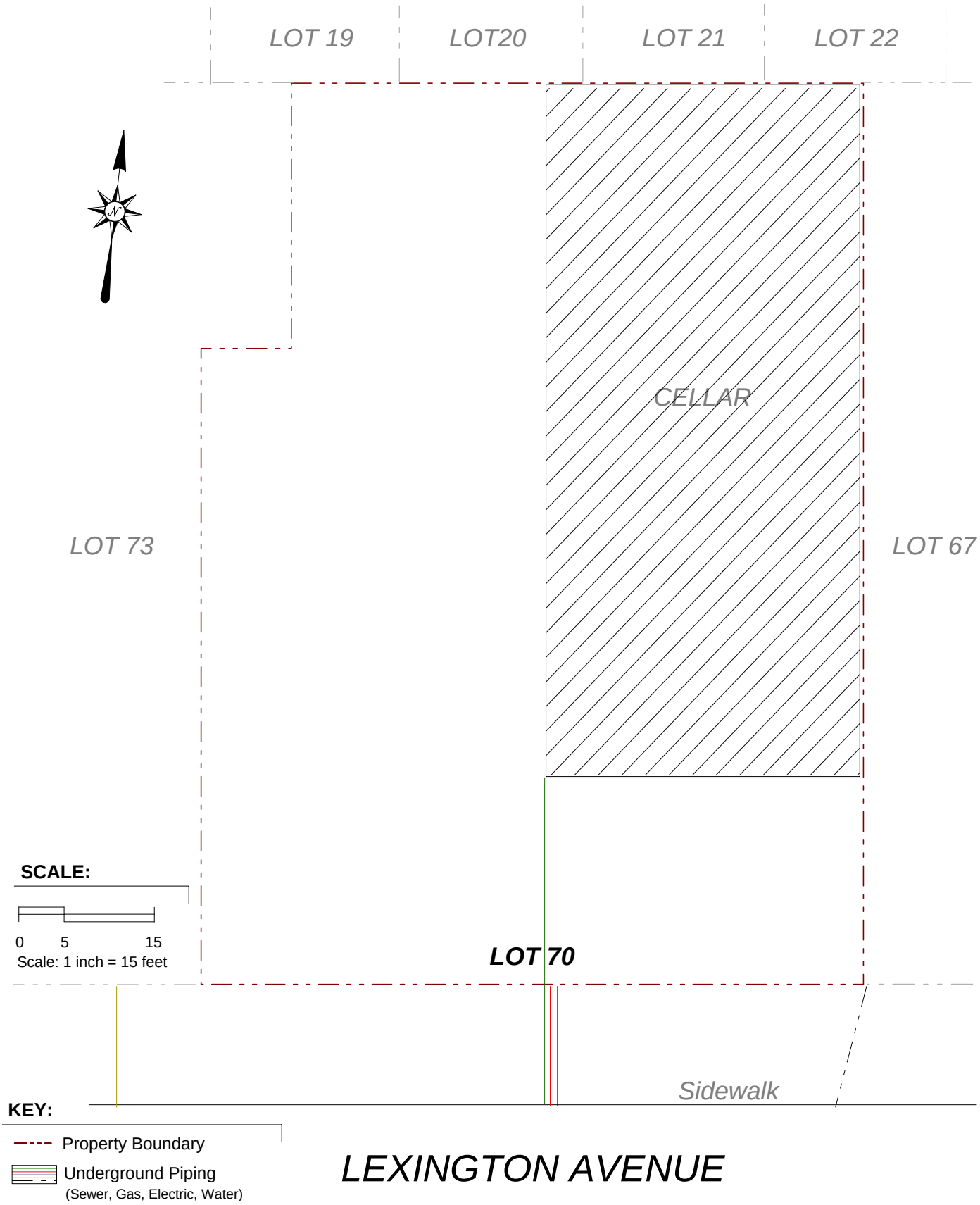

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Figure No. 2

Site Name: Residential Building Project

Site Address: 853 Lexington Avenue, Brooklyn, NY

Drawing Title: Site Plan

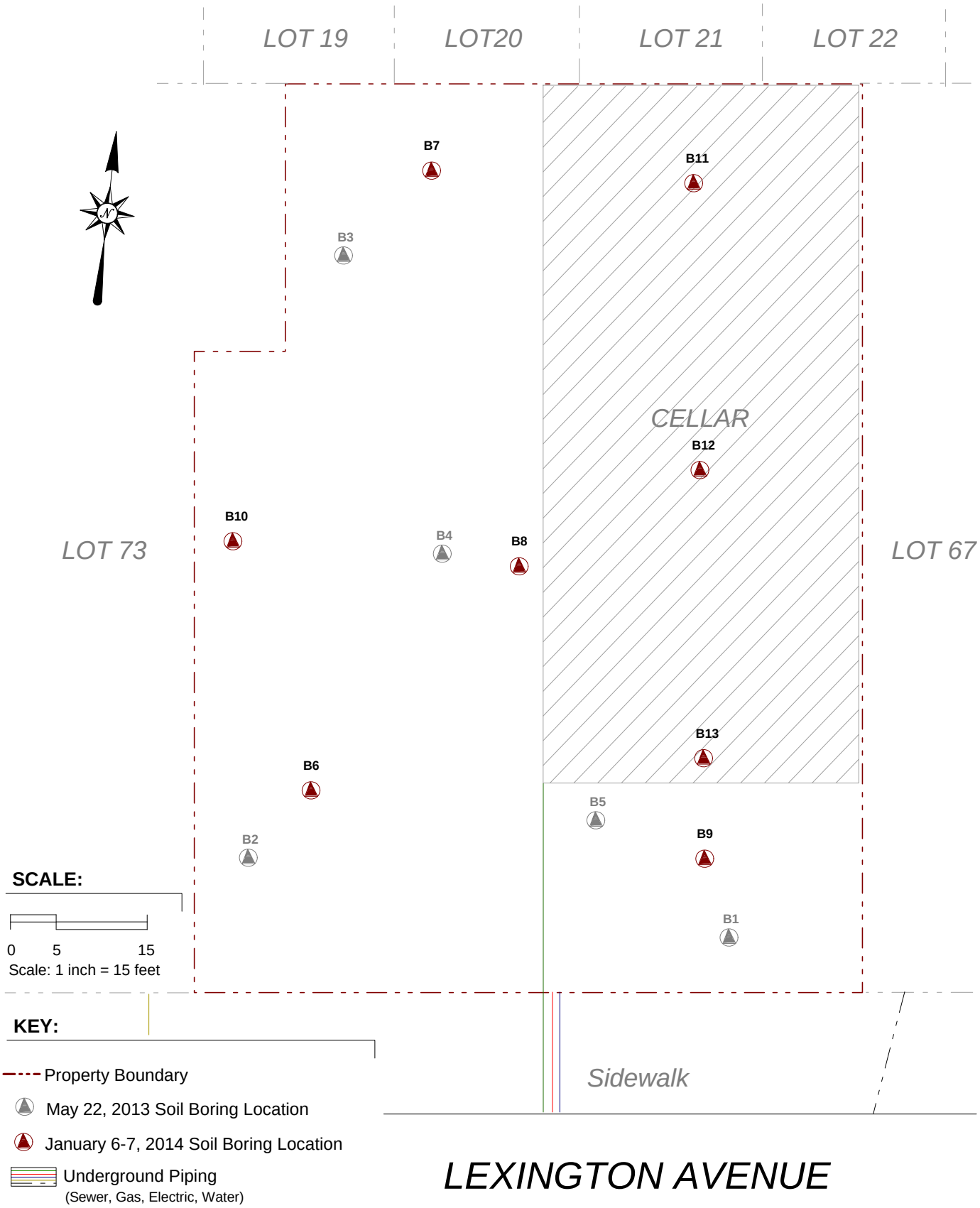

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Figure No. 3

Site Name: Residential Building Project

Site Address: 853 Lexington Avenue, Brooklyn, NY

Drawing Title: Soil Boring Locations

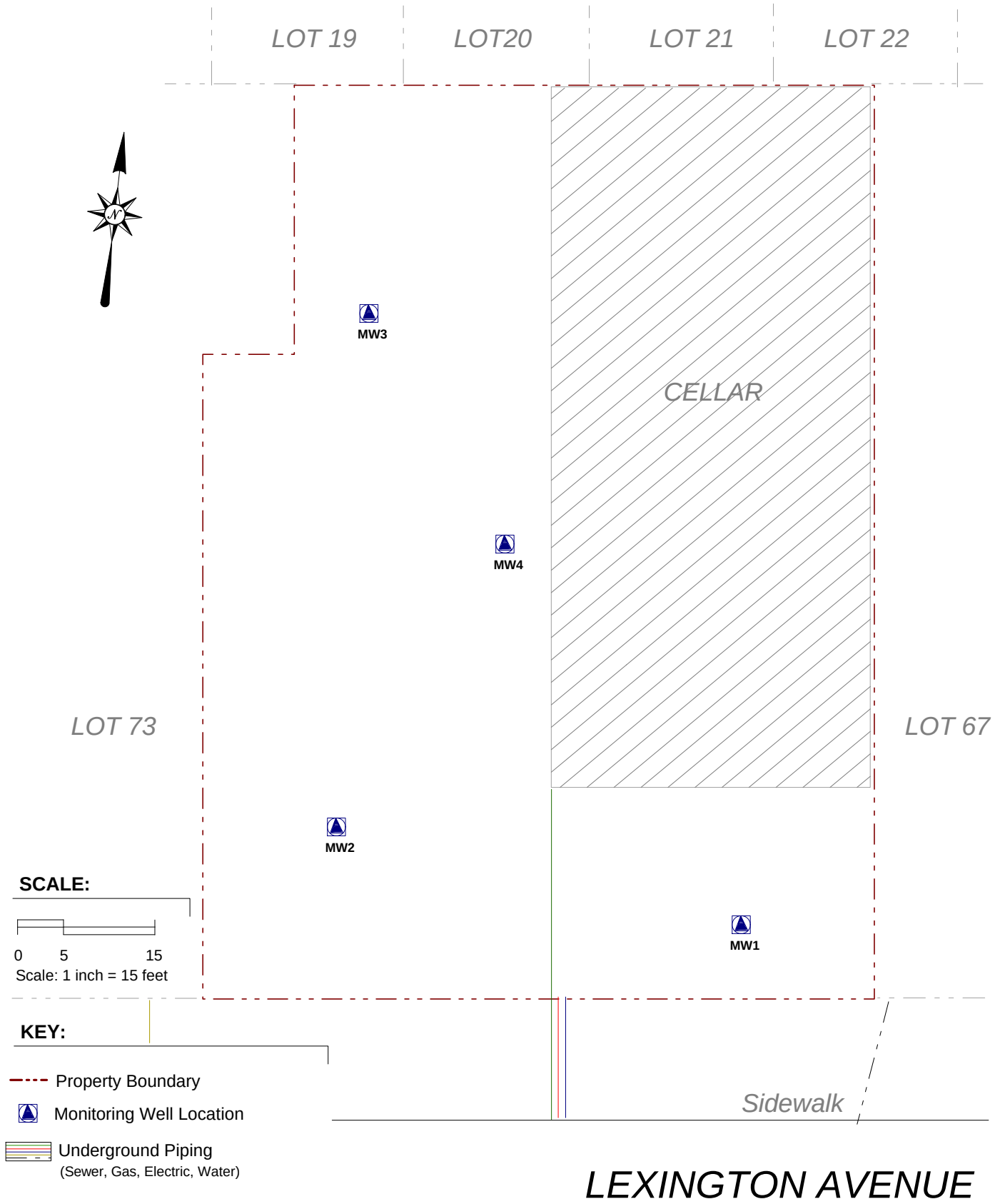

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Figure No. 4

Site Name:	Residential Building Project
Site Address:	853 Lexington Avenue Brooklyn, NY
Drawing Title:	Monitoring Well Locations

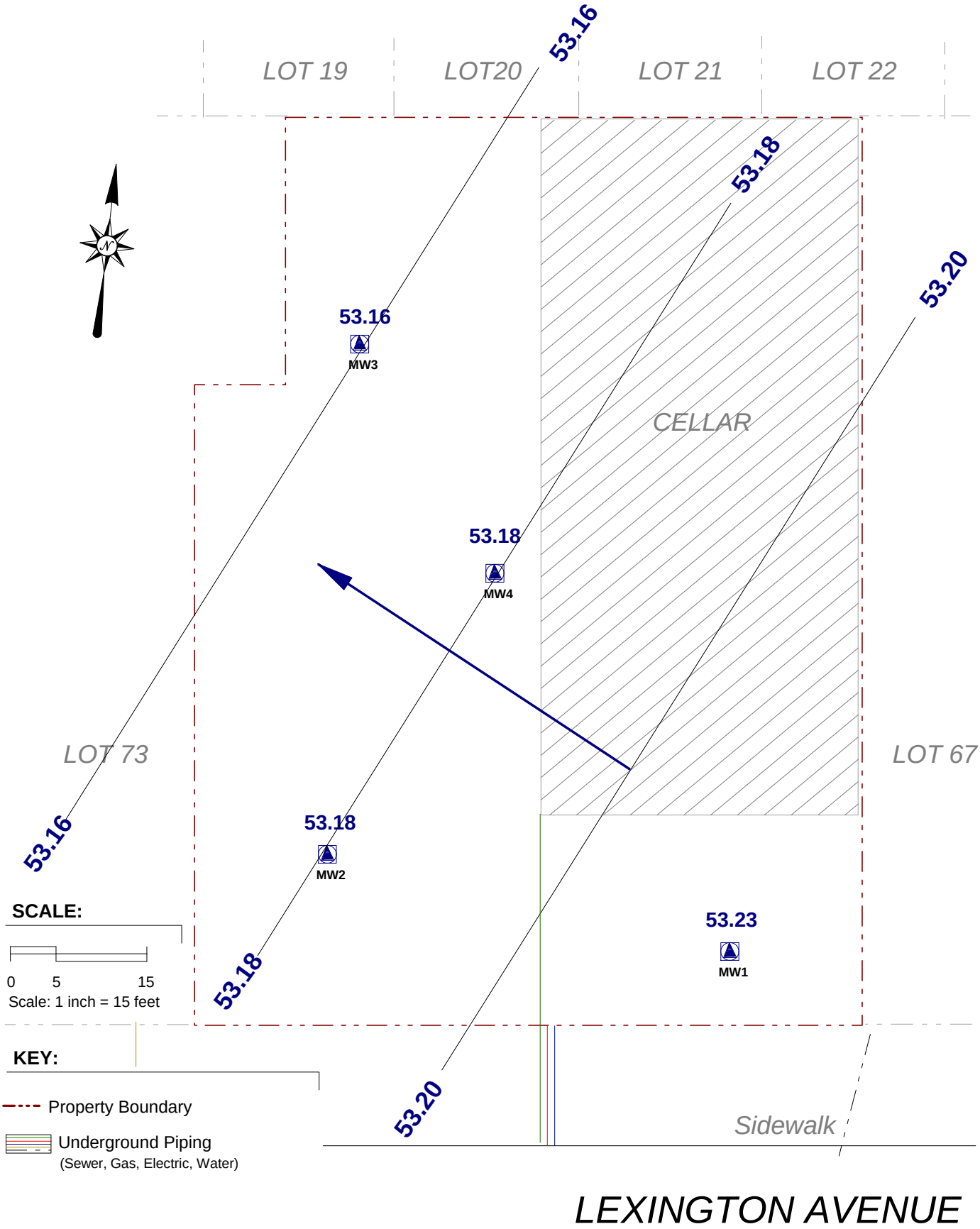

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Figure No.
5

Site Name: Residential Building Project
Site Address: 853 Lexington Avenue Brooklyn, NY
Drawing Title: Groundwater Elevation Map

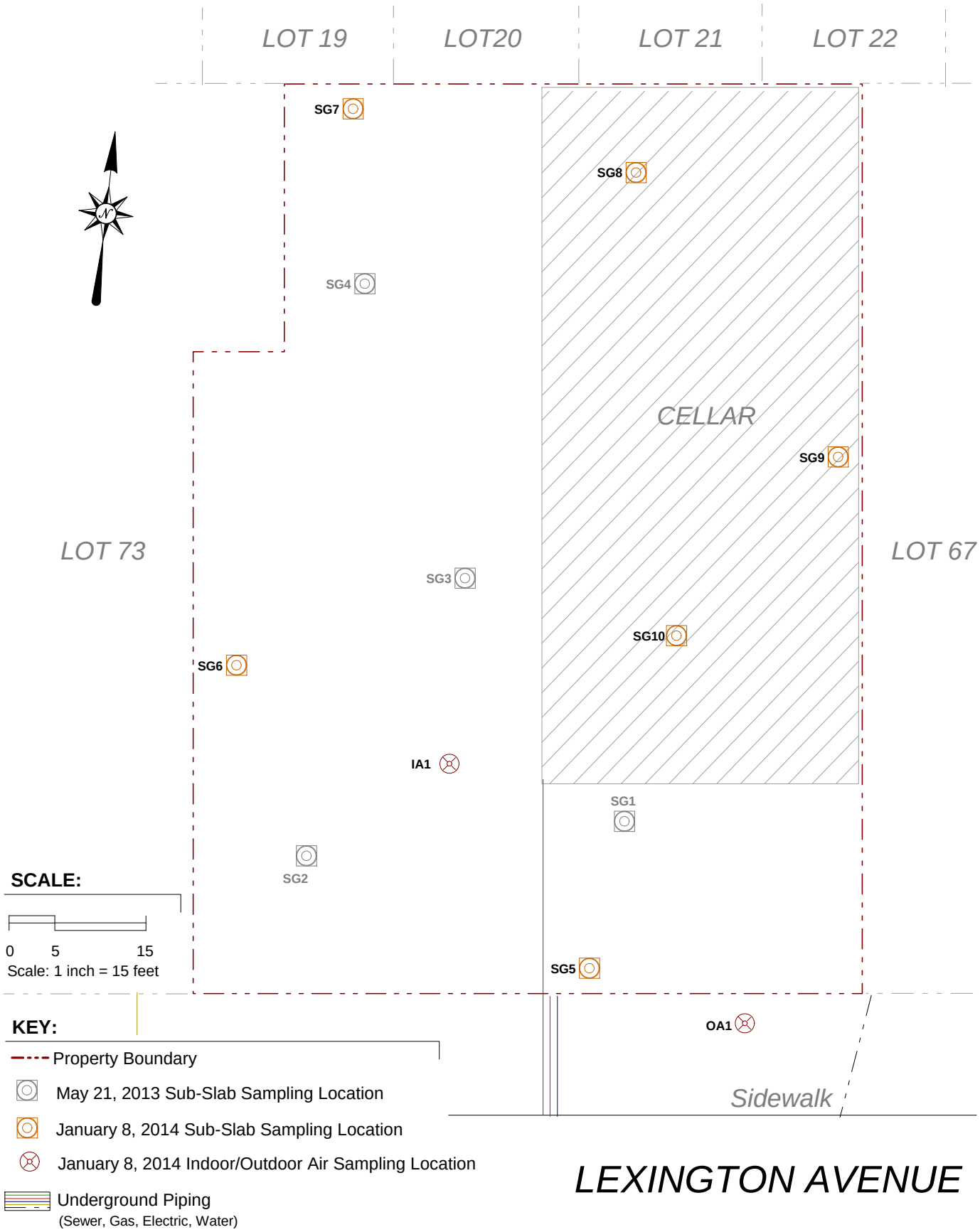

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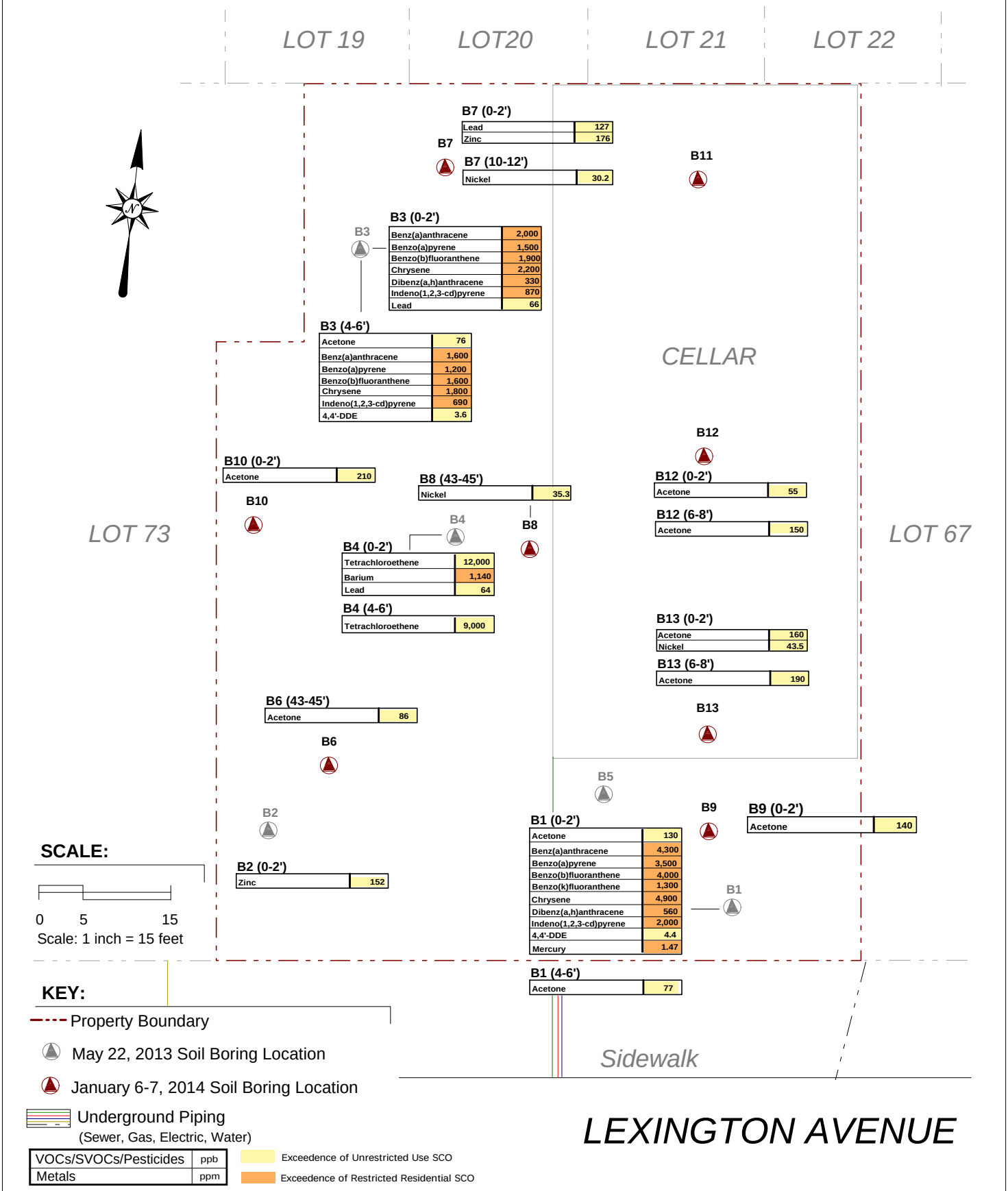
Figure No. 6

Site Name: Residential Building Project

Site Address: 853 Lexington Avenue, Brooklyn, NY

Drawing Title: Soil Gas Sampling Locations



VOCs/SVOCs/Pesticides	ppb
Metals	ppm

Exceedence of Unrestricted Use SCO

Exceedence of Restricted Residential SCO

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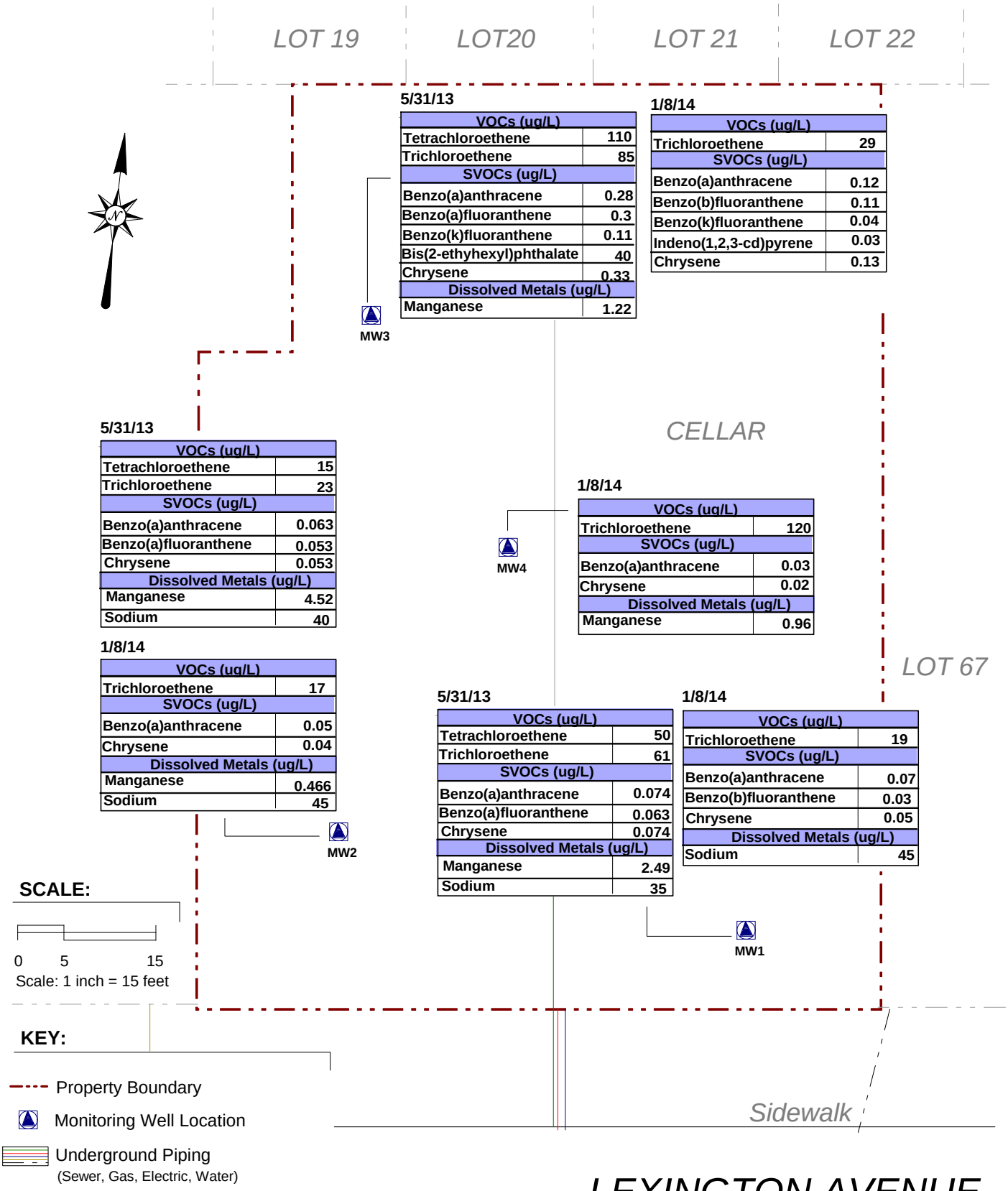
Figure No. 7

Site Name: Residential Building Project

Site Address: 853 Lexington Avenue, Brooklyn, NY

Drawing Title: Soil Exceedences



MW3 — 5/31/13

VOCs (ug/L)	
Tetrachloroethene	110
Trichloroethene	85
SVOCs (ug/L)	
Benzo(a)anthracene	0.28
Benzo(a)fluoranthene	0.3
Benzo(k)fluoranthene	0.11
Bis(2-ethyhexyl)phthalate	40
Chrysene	0.33
Dissolved Metals (ug/L)	
Manganese	1.22

MW3 — 1/8/14

VOCs (ug/L)	
Trichloroethene	29
SVOCs (ug/L)	
Benzo(a)anthracene	0.12
Benzo(b)fluoranthene	0.11
Benzo(k)fluoranthene	0.04
Indeno(1,2,3-cd)pyrene	0.03
Chrysene	0.13

MW2 — 5/31/13

VOCs (ug/L)	
Tetrachloroethene	15
Trichloroethene	23
SVOCs (ug/L)	
Benzo(a)anthracene	0.063
Benzo(a)fluoranthene	0.053
Chrysene	0.053
Dissolved Metals (ug/L)	
Manganese	4.52
Sodium	40

MW2 — 1/8/14

VOCs (ug/L)	
Trichloroethene	17
SVOCs (ug/L)	
Benzo(a)anthracene	0.05
Chrysene	0.04
Dissolved Metals (ug/L)	
Manganese	0.466
Sodium	45

MW4 — 1/8/14

VOCs (ug/L)	
Trichloroethene	120
SVOCs (ug/L)	
Benzo(a)anthracene	0.03
Chrysene	0.02
Dissolved Metals (ug/L)	
Manganese	0.96

MW1 — 5/31/13

VOCs (ug/L)	
Tetrachloroethene	50
Trichloroethene	61
SVOCs (ug/L)	
Benzo(a)anthracene	0.074
Benzo(a)fluoranthene	0.063
Chrysene	0.074
Dissolved Metals (ug/L)	
Manganese	2.49
Sodium	35

MW1 — 1/8/14

VOCs (ug/L)	
Trichloroethene	19
SVOCs (ug/L)	
Benzo(a)anthracene	0.07
Benzo(b)fluoranthene	0.03
Chrysene	0.05
Dissolved Metals (ug/L)	
Sodium	45

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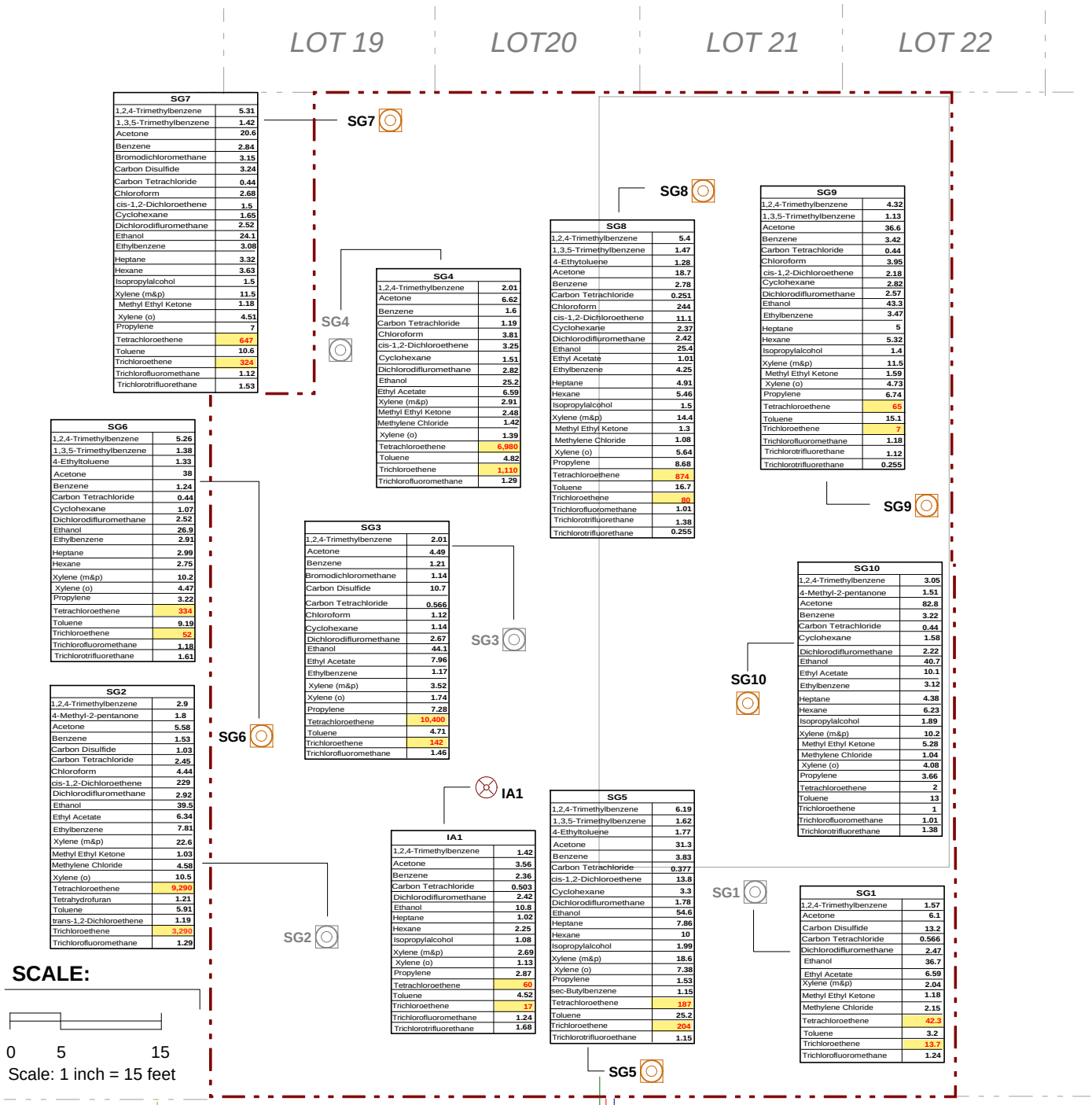
Figure No. 8

Site Name: Residential Building Project
Site Address: 853 Lexington Avenue Brooklyn, NY
Drawing Title: Groundwater Exceedences



SG7	
1,2,4-Trimethylbenzene	5.31
1,3,5-Trimethylbenzene	1.42
Acetone	20.6
Benzene	2.84
Bromodichloromethane	3.15
Carbon Disulfide	3.24
Carbon Tetrachloride	0.44
Chloroform	2.68
cis-1,2-Dichloroethene	1.5
Cyclohexane	1.65
Dichlorodifluromethane	2.52
Ethanol	24.1
Ethylbenzene	3.08
Heptane	3.32
Hexane	3.63
Isopropylalcohol	1.5
Xylene (m&p)	11.5
Methyl Ethyl Ketone	1.18
Xylene (o)	4.51
Propylene	7
Tetrachloroethene	647
Toluene	10.6
Trichloroethene	324
Trichlorofluoromethane	1.12
Trichlorotrifluorethane	1.53

SG4	
1,2,4-Trimethylbenzene	2.01
Acetone	6.62
Benzene	1.6
Carbon Tetrachloride	1.19
Chloroform	3.81
cis-1,2-Dichloroethene	3.25
Cyclohexane	1.51
Dichlorodifluromethane	2.82
Ethanol	25.2
Ethyl Acetate	6.59
Xylene (m&p)	2.91
Methyl Ethyl Ketone	2.48
Methylene Chloride	1.42
Xylene (o)	1.39
Tetrachloroethene	6,980
Toluene	4.82
Trichloroethene	1,110
Trichlorofluoromethane	1.29

SG8	
1,2,4-Trimethylbenzene	5.4
1,3,5-Trimethylbenzene	1.47
4-Ethytoluene	1.28
Acetone	18.7
Benzene	2.78
Carbon Tetrachloride	0.251
Chloroform	244
cis-1,2-Dichloroethene	11.1
Cyclohexane	2.37
Dichlorodifluromethane	2.42
Ethanol	25.4
Ethyl Acetate	1.01
Ethylbenzene	4.25
Heptane	4.91
Hexane	5.46
Isopropylalcohol	1.5
Xylene (m&p)	14.4
Methyl Ethyl Ketone	1.3
Methylene Chloride	1.08
Xylene (o)	5.64
Propylene	8.68
Tetrachloroethene	874
Toluene	16.7
Trichloroethene	80
Trichlorofluoromethane	1.01
Trichlorotrifluorethane	1.38
Trichlorotrifluorethane	0.255

SG9	
1,2,4-Trimethylbenzene	4.32
1,3,5-Trimethylbenzene	1.13
Acetone	36.6
Benzene	3.42
Carbon Tetrachloride	0.44
Chloroform	3.95
cis-1,2-Dichloroethene	2.18
Cyclohexane	2.82
Dichlorodifluromethane	2.57
Ethanol	43.3
Ethylbenzene	3.47
Heptane	5
Hexane	5.32
Isopropylalcohol	1.4
Xylene (m&p)	11.5
Methyl Ethyl Ketone	1.59
Xylene (o)	4.73
Propylene	6.74
Tetrachloroethene	65
Toluene	15.1
Trichloroethene	7
Trichlorofluoromethane	1.18
Trichlorotrifluorethane	1.12
Trichlorotrifluorethane	0.255

SG6	
1,2,4-Trimethylbenzene	5.26
1,3,5-Trimethylbenzene	1.38
4-Ethyltoluene	1.33
Acetone	38
Benzene	1.24
Carbon Tetrachloride	0.44
Cyclohexane	1.07
Dichlorodifluromethane	2.52
Ethanol	26.9
Ethylbenzene	2.91
Heptane	2.99
Hexane	2.75
Xylene (m&p)	10.2
Xylene (o)	4.47
Propylene	3.22
Tetrachloroethene	334
Toluene	9.19
Trichloroethene	52
Trichlorofluoromethane	1.18
Trichlorotrifluorethane	1.61

SG3	
1,2,4-Trimethylbenzene	2.01
Acetone	4.49
Benzene	1.21
Bromodichloromethane	1.14
Carbon Disulfide	10.7
Carbon Tetrachloride	0.566
Chloroform	1.12
Cyclohexane	1.14
Dichlorodifluromethane	2.67
Ethanol	44.1
Ethyl Acetate	7.96
Ethylbenzene	1.17
Xylene (m&p)	3.52
Xylene (o)	1.74
Propylene	7.28
Tetrachloroethene	10,400
Toluene	4.71
Trichloroethene	142
Trichlorofluoromethane	1.46

SG10	
1,2,4-Trimethylbenzene	3.05
4-Methyl-2-pentanone	1.51
Acetone	82.8
Benzene	3.22
Carbon Tetrachloride	0.44
Cyclohexane	1.58
Dichlorodifluromethane	2.22
Ethanol	40.7
Ethyl Acetate	10.1
Ethylbenzene	3.12
Heptane	4.38
Hexane	6.23
Isopropylalcohol	1.89
Xylene (m&p)	10.2
Methyl Ethyl Ketone	5.28
Methylene Chloride	1.04
Xylene (o)	4.08
Propylene	3.66
Tetrachloroethene	2
Toluene	13
Trichloroethene	1
Trichlorofluoromethane	1.01
Trichlorotrifluorethane	1.38

SG2	
1,2,4-Trimethylbenzene	2.9
4-Methyl-2-pentanone	1.8
Acetone	5.58
Benzene	1.53
Carbon Disulfide	1.03
Carbon Tetrachloride	2.45
Chloroform	4.44
cis-1,2-Dichloroethene	229
Dichlorodifluromethane	2.92
Ethanol	39.5
Ethyl Acetate	6.34
Ethylbenzene	7.81
Xylene (m&p)	22.6
Methyl Ethyl Ketone	1.03
Methylene Chloride	4.58
Xylene (o)	10.5
Tetrachloroethene	9,290
Tetrahydrofuran	1.21
Toluene	5.91
trans-1,2-Dichloroethene	1.19
Trichloroethene	3,290
Trichlorofluoromethane	1.29

IA1	
1,2,4-Trimethylbenzene	1.42
Acetone	3.56
Benzene	2.36
Carbon Tetrachloride	0.503
Dichlorodifluromethane	2.42
Ethanol	10.8
Heptane	1.02
Hexane	2.25
Isopropylalcohol	1.08
Xylene (m&p)	2.69
Xylene (o)	1.13
Propylene	2.87
Tetrachloroethene	60
Toluene	4.52
Trichloroethene	17
Trichlorofluoromethane	1.24
Trichlorotrifluorethane	1.68

SG5	
1,2,4-Trimethylbenzene	6.19
1,3,5-Trimethylbenzene	1.62
4-Ethyltoluene	1.77
Acetone	31.3
Benzene	3.83
Carbon Tetrachloride	0.377
cis-1,2-Dichloroethene	13.8
Cyclohexane	3.3
Dichlorodifluromethane	1.78
Ethanol	54.6
Heptane	7.86
Hexane	10
Isopropylalcohol	1.99
Xylene (m&p)	18.6
Xylene (o)	7.38
Propylene	1.53
sec-Butylbenzene	1.15
Tetrachloroethene	187
Toluene	25.2
Trichloroethene	204
Trichlorotrifluoroethane	1.15

SG1	
1,2,4-Trimethylbenzene	1.57
Acetone	6.1
Carbon Disulfide	13.2
Carbon Tetrachloride	0.566
Dichlorodifluromethane	2.47
Ethanol	36.7
Ethyl Acetate	6.59
Xylene (m&p)	2.04
Methyl Ethyl Ketone	1.18
Methylene Chloride	2.15
Tetrachloroethene	42.3
Toluene	3.2
Trichloroethene	13.7
Trichlorofluoromethane	1.24

OA1	
1,2-Dichlorotetrafluoroethane	3.49
Acetone	4.58
Carbon Tetrachloride	0.377
Dichlorodifluromethane	1.83
Ethanol	6.06
Isopropylalcohol	1.08
Xylene (m&p)	1.22
Propylene	1.7
Tetrachloroethene	1
Toluene	2.86
Trichloroethene	0.43
Trichlorotrifluorethane	1.22

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

Figure No. 9

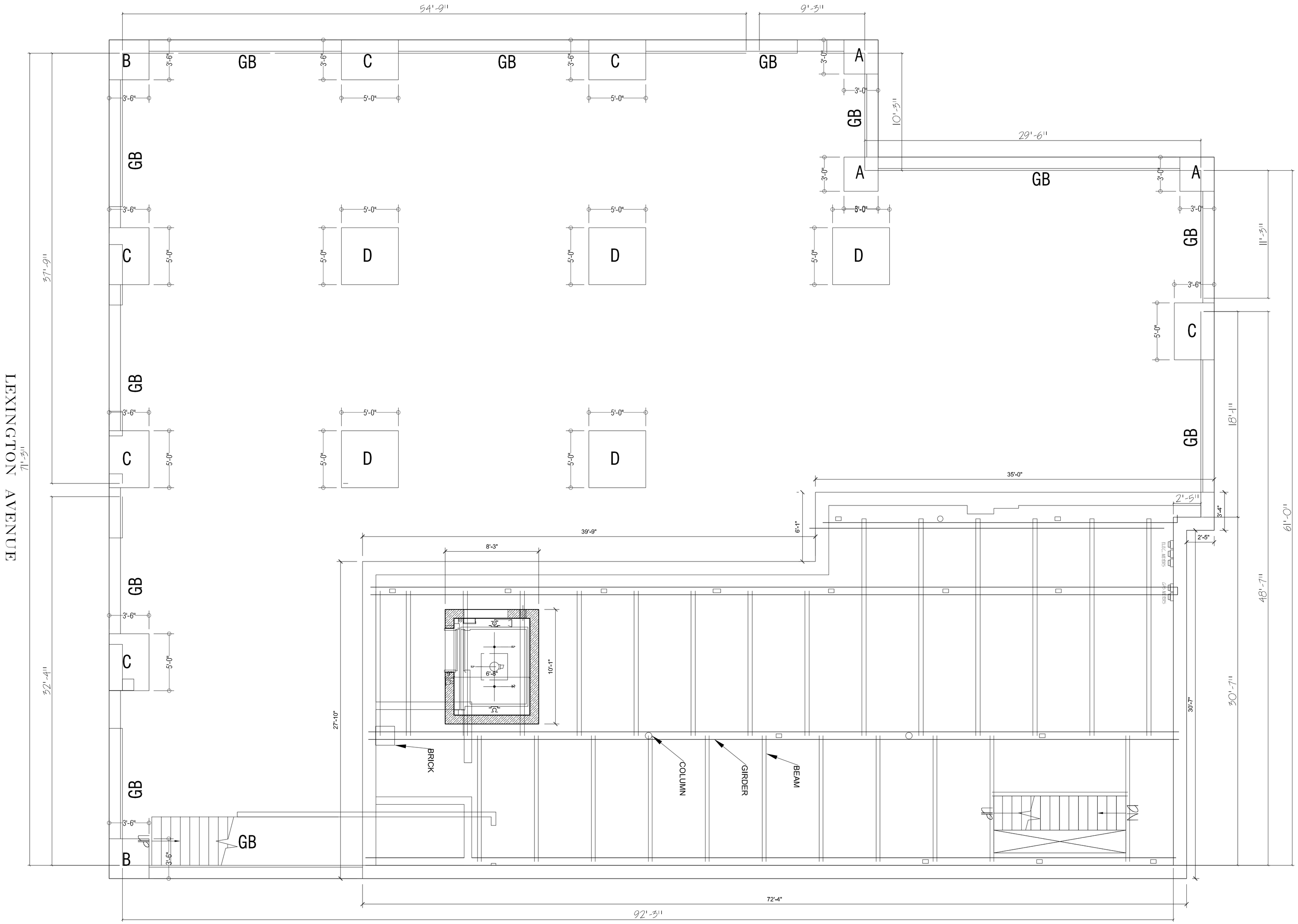
Site Name: Residential Building Project

Site Address: 853 Lexington Avenue, Brooklyn, NY

Drawing Title: Soil Gas Sampling Locations

APPENDIX – A

First Floor Excavation Plan



NOTES:

EXCAVATION LEGEND:
A=3'-0"x3'-0" BY 4'-0" DEEP
B=3'-6"x3'-6" BY 4'-0" DEEP
C=3'-6"x5'-0" BY 4'-0" DEEP
D=5'-0"x5'-0" BY 2'-0" DEEP
GB=12"x16" DEEP
ELEVATOR: 10'-1"x8'-3" BY 5'-0" DEEP

TOTAL EXCAVATION = 1545~1555 CUBIC FEET
[± 57 CuYds].

EXISTING FIRST FLOOR PLAN w/ CELLAR OVERLAY

SCALE : 1/4" = 1'-0"

Structural Engineer:
AVISHAY I. MAZOR P.E
1034 East 12th Street
Brooklyn, New York 11230
Tel: 718-859-6283
Fax: 718-859-6297
E-Mail: gatekeeper@almazor.com

853 LEXINGTON AVE
BROOKLYN NY.

APPROX. EXCAVATION PLAN

SEAL & SIGNATURE

DATE: 03/03/2014
PROJECT No: 1414
DRAWING BY: GA
DWG No:
SK-001.00
PAGE No OF No: 1-1

NYC DOB NUMBER:

APPENDIX – B

Previous Reports - Digital File

PHASE I ENVIRONMENTAL ASSESSMENT

853-855 LEXINGTON AVENUE

BROOKLYN, NY 11221

PREPARED FOR:
EASTERN CAPITAL GROUP

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
853-855 LEXINGTON AVENUE
BROOKLYN, NY 11221
DATE ISSUED: NOVEMBER 23, 2012

PREPARED BY:
SINGER ENVIRONMENTAL GROUP, LTD.
5318 NEW UTRECHT AVENUE
BROOKLYN, NY 11219

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EXECUTIVE SUMMARY

Scope

Singer Environmental Group (SEG) has performed a Phase I Environmental Site Assessment (ESA) in general accordance with the scope of work and limitations set forth by SEG for the property located at 853-855 Lexington Avenue, Brooklyn, NY (the "Property").

The Phase I Environmental Site Assessment is designed to provide the Client with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the property. This assessment was conducted utilizing generally accepted ESA industry standards in accordance with ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process*.

Site Description

The Property is situated on a rectangular shaped parcel of land comprised of 7,358 Sq. Ft. The parcel of land is situated in a residential/commercial area of Brooklyn. The Property is a two story plus cellar vacant building. This site is not located in an IBZ (Industrial Business Zone). This site is an "E" (Environmental) Designated site by the City of New York for Hazmat/Noise/Air.

Site History

According to NYC Oasis information, this building was built in 1931. According to Sanborn History Maps, the subject property is depicted as a vacant building in 1987, furniture manufacturing in 1982, lumber storage in 1951, laundry in 1932, part of HC Bohack Co. in 1908.

History of Surrounding Areas

According to Sanborn History Maps, the property located to the north is depicted as residential from the 1900's to the 1980's, the property located to the south is depicted as residential from the 1900's to the 1980's, the property located to the west is depicted as a vacant building in 1987, metal finishing in 1985, printing in 1951, garage in 1932, part of HC Bohack Co., wagon house in 1908, the property located to the east is depicted as vacant building in 1987, lumber storage in 1982, "wood box" in 1951, two story building in 1932 and 1908.

Asbestos Containing Material (ACM), Lead Based Paint (LBP), Mold

SEG conducted limited visual asbestos containing material (ACM) as part of this assessment. No visible and/or friable ACM was noted during this inspection. Lead based paint and mold hazards were not surveyed for this report.

Heating System, Above/Underground Storage Tanks

SEG observed gas fired overhead heaters. No aboveground storage tanks, indications of an underground storage tank, vent or fill was noted. No gasoline tanks were depicted on the Sanborn History Maps. No fuel oil applications were filed with the NYC Department of Buildings.

Polychlorinated Biphenyls (PCBs)

SEG did not observe any transformers during this inspection.

"E" (Environmental Designation)

This site is an "E" (Environmental) Designated site with the NYC Department of City Planning for "Hazmat/Noise/Air".

Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

Site Observations

Cellar - Gas meter removed, water meter, current metal decking with steel beams.

First Floor - Concrete floor, wood ceiling, brick walls, gas fired overhead heaters, no floor drain noted, electric meters, storage.

Second Floor - Carpet, ceiling tile, sheetrock, gas fired overhead heater.

STATE AND FEDERAL DATABASE SUMMARY TABLE			
Regulatory Database	**Approximate Minimum Search Distance**	**Subject Property Listed**	**Off-site Listings within search distance**
Federal NPL (National Priority List) Sites	1.0 Mile	No	0
Federal Delisted NPL Sites	1.0 Mile	No	0
Federal CERCLIS Sites	0.5 Mile	No	0
Federal CERCLIS NFRAP Sites	0.5 Mile	No	0
Federal RCRA CORRACTS Sites	1.0 Mile	No	0
Federal RCRA Non-CORRACTS TSD Sites	0.5 Mile	No	0
Federal RCRA Generators Sites	.250 Mile	No	3
State NY SHWS (State Hazardous Waste) Sites	1.0 Mile	No	1
State Solid Waste Facility/Landfill	0.5 Mile	No	0
NY LTANKS (Leaking Underground Storage Tanks)	0.5 Mile	No	25
NY Underground Storage Tanks	.250 Mile	No	12
NY Spills	.125 Mile	No	10

ASSESSMENT SUMMARY TABLE			
Assessment Component	**Section(S)**	**Recommended Actions**	**Estimated Cost**
Historical Review	3.0	No Further Action	N/A
Current Occupants/Operations	2.2	No Further Action	N/A
Hazardous Substances/Petroleum Products	5.3.1	No Further Action	N/A
Drains, Sumps & Storm Water Dry Wells	5.3.5	No Further Action	N/A
Storage Tanks	5.3.6	No Further Action	N/A
PCB's	5.3.3	No Further Action	N/A
Regulatory Agency/Database Review	7.0	**"E" Designation-Phase II Subsurface Investigation**	**$25,000**
Asbestos Containing Materials	5.3.10	No Further Action	N/A
Lead-Based Paint	5.3.12	Not Surveyed	N/A
Lead In Drinking Water	5.3.8	No Further Action	N/A
Radon	5.3.11	No Further Action	N/A
Mold	5.3.13	Not Surveyed	N/A
Wetlands	4.4	No Further Action	N/A

CONCLUSIONS

SEG has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of 853-855 Lexington Avenue, BROOKLYN, NY, the Property. Any exceptions to or deletions from this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- According to NYC Oasis information, this building was built in 1931. According to Sanborn History Maps, the subject property is depicted as a vacant building in 1987, furniture manufacturing in 1982, lumber storage in 1951, laundry in 1932, part of HC Bohack Co. in 1908.

- According to Sanborn History Maps, the property located to the west is depicted as a vacant building in 1987, metal finishing in 1985, printing in 1951, garage in 1932, part of HC Bohack Co., wagon house in 1908, the property located to the east is depicted as vacant building in 1987, lumber storage in 1982, "wood box" in 1951, two story building in 1932 and 1908.

- This site is an "E" (Environmental) Designated site with the NYC Department of City Planning for "Hazmat/Noise/Air".

RECOMMENDATIONS

Based on the findings of this ESA, SEG recommends the following:

- Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

1.0 INTRODUCTION

Singer Environmental Group (SEG) was retained to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 853-855 Lexington Avenue, BROOKLYN, NY 11221 (the Property). The protocol used for this assessment is in general conformance with ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process*.

On November 19, 2012, Shemon Singer, a representative of SEG, conducted a site reconnaissance to assess the possible presence of petroleum products and hazardous materials at the Property. SEG's investigation included review of reconnaissance of adjacent properties, background research, and review of available local, state, and federal regulatory records regarding the presence of petroleum products and/or hazardous materials at the Property.

SEG contracted Environmental Data Resources (EDR) of Southport, Connecticut to perform a computer database search for local, state, and Federal regulatory records pertaining to environmental concerns for the Property and properties in the vicinity of the Property (see Section 7.0).

1.1 PURPOSE

The purposes of this Phase I Environmental Site Assessment ("ESA") are: To identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E-1527-05) in connection with the Property. SEG understands that the findings of this study will be used by the Client to evaluate a pending financial transaction in connection with the Property.

1.2 SCOPE OF SERVICES

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E 1527-05. SEG warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

No other warranties are implied or expressed.

1.3 ASSUMPTIONS

There is a possibility that even with the proper application of these methodologies there may exist on the Property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. SEG believes that the information obtained from the record review and the interviews concerning the site is reliable. However, SEG cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the Client with information relating to the Property.

1.4 LIMITATIONS AND EXCEPTIONS

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM 1527-05.

1.5 USER PROVIDED INFORMATION

Pursuant to ASTM E 1527-2005, the following site information was requested from the Client (User of this report), by SEG.

Item	Provided by User	Not Provided by user	Discussed Below	Does Not Apply
2.1.1 Environmental Pre-Survey Questionnaire		X		
2.1.2 Title Records		X		
2.1.3 Environmental Liens or Activity and Use Limitation		X		
2.1.4 Specialized Knowledge		X		
2.1.5 Valuation Reduction for Environmental Issues		X		
2.1.6 Identification of Key Site Manager		X		
2.1.7 Reason For Performing Phase I	Yes, See Section 1.1			
2.1.8 Prior Environmental Reports		X		
2.1.9 Other		X		

1.6 INTERVIEWS

No one was available on-site for an interview.

Regulatory Officials

A FOIL Request was submitted to the NYS Department of Environmental Conservation (NYS DEC), NYC Department of Health (DOH) and the NYC Department of Environmental Protection (DEP)

1.7 SPECIAL TERMS AND CONDITIONS

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the client. No subsurface exploratory drilling or sampling was done under the scope of this work. Unless specifically stated otherwise in the report, no chemical analyses have been performed during the course of this ESA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

SEG, their principals and employees are indemnified for any future changes or conditions of deterioration in or on the subject property. Inasmuch as each has made not guarantees of the premises, expressed or implied in connection with this report, any liability which each may have shall be limited to the fee for the inspection of the property.

1.8 USE RELIANCE

Eastern Capital, in evaluating a request for an extension of credit (the "Mortgage Loan") to be secured by the property may rely upon this report. This information also may be used by any actual or prospective purchaser, transferee, assignee, or servicer of the Mortgage Loan, any actual or prospective investor (including agent or advisor) in any securities evidencing a beneficial interest in or backed by the Mortgage Loan, any rating agency actually or prospectively rating any such securities, any indenture trustee, and any institutional provider(s) from time to time of any liquidity facility or credit support for such financing. In addition, this report or a reference to this report, may be included or quoted in any offering circular, registration statement, or prospectus in connection with a securitization or transaction involving the Mortgage Loan and/or such securities. This report has no other purpose and should not be relied upon by any other person or entity.

2.0 SITE DESCRIPTION

2.1 PROPERTY LOCATION AND JURISDICTION

The address of the Property is 853-855 Lexington Avenue, BROOKLYN, NY. The Property is located in a residential/commercial area of BROOKLYN. According to the NYC Department of Buildings, the block and lot numbers are 1623, 70, 21. The legal description is reproduced below:

According to the NYC Department of Buildings (DOB), this property is known as 853-855 Lexington Avenue with a block and lot of 1623, 70, 21. The DOB has a zoning of "Factory/Industrial" building use. According to NYC Oasis Information, the zoning is C8-2. NYC Department of Buildings, records that this building was built in 1931. NYC Oasis records a lot area of 1,915 sq. ft., lot frontage 73.58 feet, lot depth 100 feet. This property is located on Lexington Avenue with a cross streets of Patchen Avenue.

According to NYC Oasis Information, the Property is currently owned by 853 Lexington Realty.

2.2 PROPERTY DESCRIPTION AND IMPROVEMENTS

The Property consists of a rectangular shaped parcel 7,358 ft. in size. The Property is designed for commercial purposes. Currently, the Property is developed with 1 structure that was constructed in 1931. The structure at the Property is 2 stories in height and a cellar. The site contains a two story plus cellar vacant building.

3.0 HISTORICAL USE INFORMATION

3.1 SITE HISTORY

According to NYC Oasis information, this building was built in 1931. According to Sanborn History Maps, the subject property is depicted as a vacant building in 1987, furniture manufacturing in 1982, lumber storage in 1951, laundry in 1932, part of HC Bohack Co. in 1908.

4.0 ENVIRONMENTAL SETTING

4.1 TOPOGRAPHY

The United States Geological Survey (USGS), Brooklyn Quadrangle 7.5-Minute series topographic map was reviewed for this ESA. This map was published by the USGS in 1966 and was photorevised in 1995. A review of the USGS 7.5 Minute Topography map was conducted. Based on the topographical gradients, the groundwater flow is assumed to be in a southwesterly direction.

4.2 SOILS

Soil types in the area are generally loamy sand, silt loam, sandy loam and fine sandy loam.

4.3 GEOLOGY

There are no predominant geological surface features on the subject property. The elevation of the property is 53 feet above sea level.

4.4 HYDROLOGY

The nearest surface water in the vicinity of the Property is the Prospect Lake. No settling ponds, lagoons, surface impoundments, wetlands or natural catchbasins were observed at the Property during this investigation.

4.5 FLOOD ZONE INFORMATION

A review of the Flood Insurance Rate Maps, published by the Federal Emergency Management Agency, was performed. The Property is located in Flood Zone X. Zone X are the flood insurance rate zones that correspond to areas outside the 1-percent annual chance floodplain, areas of 1-percent annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1-percent annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1-percent annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones.

4.6 OIL AND GAS EXPLORATION

The on-site reconnaissance addressed oil and gas exploration at the Property. According to the NYS Department of Conservation, Division of Oil, Gas no operating or abandoned oil or gas wells are on or adjacent to the Property.

5.0 SITE RECONNAISSANCE

5.1 METHODOLOGY AND LIMITING CONDITIONS

The Property was inspected by Shemon Singer on November 19, 2012. The weather at the time of the site visit was cloudy, 50 degrees. SEG accessed the cellar areas, first and second floors.

5.2 GENERAL SITE CHARACTERISTICS

5.2.1 SOLID WASTE DISPOSAL

No solid waste is generated at this site.

5.2.2 SURFACE WATER DRAINAGE

There are no surface water bodies or streams on the subject property.

5.2.3 WELLS AND CISTERNS

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

5.2.4 WASTEWATER

No indications of industrial wastewater disposal or treatment facilities were observed during the onsite reconnaissance.

5.2.5 ADDITIONAL SITE OBSERVATIONS

No additional relevant general Site characteristics were observed.

5.3 POTENTIAL ENVIRONMENTAL CONDITIONS

5.3.1 HAZARDOUS MATERIALS AND PETROLEUM PRODUCTS USED OR STORED AT THE SITE

No evidence of the use of hazardous materials or wastes was observed on the Property. ***See conclusions and recommendations.***

5.3.1.1 UNLABELED CONTAINERS AND DRUMS

No unlabeled containers or drums were observed during the Site reconnaissance.

5.3.1.2 DISPOSAL LOCATIONS OF REGULATED/ HAZARDOUS WASTE

No obvious indications of hazardous waste generator, storage or disposal were observed on the property or were indicated during interview.

5.3.2 EVIDENCE OF RELEASES

No obvious indications of hazardous material or petroleum product releases, such as stained areas or stressed vegetation, was observed during the site reconnaissance or reported during interviews. ***See conclusions and recommendations.***

5.3.3 POLYCHLORINATED BIPHENYLS (PCBS)

An inspection was conducted at the subject property and in the immediate vicinity for the presence of any underground, surface or suspended transformers and visible power supply sources. Oil-containing transformers are known to frequently contain PCBs (Polychlorinated biphenyl's). PCBs are contained in older transformers and other electrical eequipment and have the potential for serious health risks. The level of PCB content in such transformers and electrical eequipment is regulated by the U.S. Environmental Protection Agency, Regulations 40 CFR Part 761. Upon visual inspection, **NO** suspended transformers power supply sources were identified. Contact with Con Edison has nevertheless been made to determine definitely if any eequipment owned and/or maintained by Con Edison located on or in the immediate vicinity of the subject property contain PCB's.

Older transformers and other electrical eequipment could contain polychlorinated biphenyls (PCBs) at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical eequipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical eequipment can be classified:

- Less than 50 parts per million (PPM) of PCBs – "*Non-PCB" transformer*
- 50 ppm-500 ppm – "*PCB-Contaminated" electrical eequipment*
- Greater than 500 ppm – "*PCB" transformer*

5.3.4 LANDFILLS

No evidence of on-site landfilling was observed or reported during the site reconnaissance.

5.3.5 PITS, PONDS, LAGOONS, SUMPS, AND CATCH BASINS

No evidence of on-site pits, ponds or lagoons was observed or reported during the site reconnaissance. No evidence of sumps or catch basins, other than used for storm water removal, was observed or reported during the site reconnaissance.

5.3.6 ON-SITE ASTS AND USTS

SEG observed gas fired overhead heaters. No aboveground storage tanks, indications of an underground storage tank, vent or fill was noted. No gasoline tanks were depicted on the Sanborn History Maps. No fuel oil applications were filed with the NYC Department of Buildings.

5.3.7 RADIOLOGICAL HAZARDS

No radiological substances or eequipment was observed or reported stored on the Property.

5.3.8 LEAD IN DRINKING WATER

The Property is connected to the city water supply provided by NYC DEP. According to NYC DEP representative, the drinking water supplied to the site is within EPA standards, including lead and copper.

5.3.9 ASBESTOS-CONTAINING MATERIALS (ACM)

As part of the asbestos section of this survey, an inspection of all the aforementioned areas were conducted: Construction materials on the exterior and interior of the building were also inspected for possible asbestos content.
Within each of these rooms/areas/facilities, piping insulation (e.g. on hot and cold water supply piping), if any, was checked at exposed locations for possible asbestos content.

<u>NO</u> visible and/or friable ACM was noted during this inspection.

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all materials should tested and verified free of any ACM.

5.3.10 RADON

The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the EPA recommends site specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures. Review of the EPA Map of Radon Zones places the Property in Zone 3, where average predicted radon levels are less than 2.0 pCi/L.

This property is located in Zone 3.

5.3.11 LEAD-BASED PAINT

Based on the Scope of Services, LBP was not evaluated for this assessment.

Paint samples were **NOT** taken for lead content. However, in older buildings it is likely that lead based paint was used within the multi-layered painted surfaces. (Lead based paint was banned in 1978). Lead paint can be hazardous if digested, especially by small children.
Lead based paint was not surveyed for this report.
Lead violations, if any, should show up on the Title Report.

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all materials should be tested and verified free of any Lead Based Paint.

5.3.12 MOLD

On October 29, 1993, the New York City Department of Health (DOH), the New York City Human Resources Administration (HRA), and the Mt. Sinai Occupational Health Clinic convened an expert panel on *Stachybotrys atra* in Indoor Environments. The purpose of the panel was to develop policies for medical and environmental evaluation and intervention to address Stachybotrys atra (now known as Stachybotrys Chartarum (SC)) contamination. the original guidelines were developed because of mold growth problems in several New York City buildings in the early 1990's. This documents revises and expands the original guidelines to include all fungi (mold).

Currently there are no United States Federal, New York State, or New York City regulations for evaluating potential health effects of fungal contamination and remediation. These guidelines are subject to change as more information regarding fungal contaminants becomes available.

Mold was not surveyed for this report.
Mold violations, if any, should show up on the Title Report.

6.0 CURRENT USE OF ADJOINING PROPERTIES

During the vicinity reconnaissance, SEG observed the following land use on properties in the immediate vicinity of the Property.

6.1 CURRENT USE

Current Use	
North	Areas immediately adjacent to the north of the property included the following: Residential
South	Areas immediately adjacent to the south of the property included the following: Residential, Lot
West	Areas immediately adjacent to the west of the property included the following: Vacant Warehouse
East	Areas immediately adjacent to the east of the property included the following: Vacant Warehouse, Church

6.2 HISTORICAL USE

Historical Use	
North	According to Sanborn History Maps, the property located to the north is depicted as residential from the 1900's to the 1980's.
South	According to Sanborn History Maps, the property located to the south is depicted as residential from the 1900's to the 1980's.
West	According to Sanborn History Maps, the property located to the west is depicted as a vacant building in 1987, metal finishing in 1985, printing in 1951, garage in 1932, part of HC Bohack Co., wagon house in 1908.
East	According to Sanborn History Maps, the property located to the east is depicted as vacant building in 1987, lumber storage in 1982, "wood box" in 1951, two story building in 1932 and 1908.

7.0 RECORDS REVIEW

7.1 STANDARD ENVIRONMENTAL RECORD SOURCES

7.1.1 STATE AND FEDERAL REGULATORY REVIEW

Information from standard Federal and state environmental record sources was provided through Environmental Data Resources (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/-300 feet.

In some cases, location information supplied by the database provider is insufficient to allow geocoded facility locations. These facilities are listed under the unmappables section within the EDR report. A review of the unmappable facilities indicated that none of these facilities are within the ASTM minimum search distance from the Property.

Regulatory information from the following database sources regarding possible recognized environmental conditions, within the ASTM minimum search distance from the Property, was reviewed. Specific facilities are discussed below if determined likely that a potential recognized environmental condition has resulted at the Property from the listed facilities. Please refer to Appendix C-1 for a complete listing.

Federal NPL

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

No NPL sites are located within one mile of the Property.

Federal CERCLIS List

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

No CERCLIS sites are listed within one-half mile of the Property.

Federal CERCLIS NFRAP Sites List

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of to human health or the environment, under the CERCLA framework.

No CERCLIS NFRAP sites are listed within ½ mile of the Property.

Federal Resource Conservation and Recovery Act (RCRA) CORRACTS TSD Facilities List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Treatment, Storage and Disposal (TSD) database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste. The CORRACTS database is the EPA's list of treatment storage or disposal facilities subject to corrective action under RCRA.

No RCRA CORRACTS TSD facilities are listed within one mile of the Property.

Federal Resource Conservation and Recovery Act (RCRA) Non-CORRACTS TSD Facilities List

The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

No RCRA TSD sites are listed within one-half mile of the Property.

Federal RCRA Generator List

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

1 Lg. and 2 Sm. RCRA Generator facilities are listed within ¼ mile of the Property.

- Based upon the review of available information, the above listed facilities are not anticipated to directly impact the Property and no further investigation is warranted.

Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information or reported release of oil or hazardous substances.

No ERNS sites were listed on the Property or on the adjacent properties.

State Priority List

The database maintains a State Priority List (SPL) of sites considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SPL sites are listed within one mile of the Property.

State CERCLIS-Equivalent List

The database maintains a State CERCLIS-equivalent list (SCL) of sites under investigation that could be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SCL sites are listed within one-half mile of the Property.

Solid Waste/Landfill Facilities (SWLF)

A database of SWLF is listed.

No SWLF facilities are listed within one-half mile of the Property.

State Leaking Underground Storage Tank List (LUST)

The NYS DEC compiles lists of all leaks of hazardous substances from underground storage tanks.

25 LUST sites are listed within one-half mile of the Property.

- Based upon the review of available information, the above listed facilities are not anticipated to directly impact the Property and no further investigation is warranted.

State Underground Storage Tank List (UST)

The NYS DEC compiles lists of all underground storage tanks located ¼ mile of the subject property.

12 UST sites are listed within one-quarter mile of the Property.

- Based upon the review of available information, the above listed facilities are not anticipated to directly impact the Property and no further investigation is warranted.

NY Spills Database

The NYS DEC compiles lists of all spills reported ¼ mile of the subject property.

10 sites are listed within one-quarter mile of the Property.

- Based upon the review of available information, the above listed facilities are not anticipated to directly impact the Property and no further investigation is warranted.

"E" (Environmental) Designation

This site is an "E" (Environmental) Designated site with the NYC Department of City Planning for "Hazmat/Noise/Air".

Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

7.1.2 LOCAL REGULATORY REVIEW

7.1.2.1 BUILDING DEPARTMENT

Electronic records from the city Building Department were reviewed for evidence indicating the developmental history of the Property, and for the presence of documentation relative to underground storage tanks.

7.1.2.2 OTHER AGENCIES

FOIL Requests were submitted to the NYS DEC, NYC DEP and NYC DOH, to date no response has been received, when a response is received an addendum will follow.

8.0 FINDINGS AND CONCLUSIONS

8.1 FINDINGS

8.1.1 ON-SITE ENVIRONMENTAL CONDITIONS

- According to NYC Oasis information, this building was built in 1931. According to Sanborn History Maps, the subject property is depicted as a vacant building in 1987, furniture manufacturing in 1982, lumber storage in 1951, laundry in 1932, part of HC Bohack Co. in 1908.

- This site is an "E" (Environmental) Designated site with the NYC Department of City Planning for "Hazmat/Noise/Air".

8.1.3 OFF-SITE ENVIRONMENTAL CONDITIONS

- According to Sanborn History Maps, the property located to the west is depicted as a vacant building in 1987, metal finishing in 1985, printing in 1951, garage in 1932, part of HC Bohack Co., wagon house in 1908, the property located to the east is depicted as vacant building in 1987, lumber storage in 1982, "wood box" in 1951, two story building in 1932 and 1908.

8.1.3 PREVIOUSLY RESOLVED ENVIRONMENTAL CONDITIONS

No historical recognized environmental conditions were identified in connection with the Property during the course of this assessment.

8.1.4 *DE MINIMIS* ENVIRONMENTAL CONDITIONS

No *de minimis* environmental conditions were identified in connection with the Property during the course of this assessment.

8.2 CONCLUSIONS

SEG has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-2005 of 853-855 Lexington Avenue, BROOKLYN, NY, the Property. Any exceptions to or deletions from this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- According to NYC Oasis information, this building was built in 1931. According to Sanborn History Maps, the subject property is depicted as a vacant building in 1987, furniture manufacturing in 1982, lumber storage in 1951, laundry in 1932, part of HC Bohack Co. in 1908.

- According to Sanborn History Maps, the property located to the west is depicted as a vacant building in 1987, metal finishing in 1985, printing in 1951, garage in 1932, part of HC Bohack Co., wagon house in 1908, the property located to the east is depicted as vacant building in 1987, lumber storage in 1982, "wood box" in 1951, two story building in 1932 and 1908.

- This site is an "E" (Environmental) Designated site with the NYC Department of City Planning for "Hazmat/Noise/Air".

8.3 RECOMMENDATIONS

Based on the findings of this ESA, SEG recommends the following:

- Due to the fact that plans are being filed with the NYC Department of Buildings to obtain work permits, it is required by the NYC Department of Planning that a Phase I Environmental Site Assessment and a Phase II Sampling Workplan be submitted to the NYC DEP for approval before any permit will be issued.

8.4 DEVIATIONS

This Phase 1 ESA substantially complies with the scope of services and ASTM 1527-05.

9.0 REFERENCES

Reports, Plans, and Other Documents Reviewed:

NYC Department of Buildings Property Profile Overview (11-16-12)

NYC Department of Finance Assessment Roll (11-16-12)

NYC Oasis Maps (11-16-12)

Property Shark (11-16-12)

Radon Map

USGS - 7.5 Minute Topographic Quadrangle of Central Park, New York-New Jersey, 1966, photorevised 1995.

Radius database report (853-855 Lexington Avenue, Inquiry #3456397.1s dated 11-15-12)

Radon Zone Map

Agencies Contacted via FOIL Requests:

NYS DEC

NYC DEP

NYS DOH

Phase I Environmental Site Assessment
Conducted on

Address: **853-855 Lexington Avenue, New York, NY**

Prepared for

Client Name: **Eastern Capital Group**

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Shemon Singer
_____
_____
Environmental Professional **Signature**

Prepared By

Singer Environmental Group, LTD.
5318 New Utrecht Avenue
Brooklyn, NY 11219
(tel) 718-437-9600
(fax) 718-437-0082

FIGURES

SITE LOCATION MAP
SITE PLAN
SITE TOPOGRAPHIC MAP

APPENDIX A

SITE PHOTOGRAPHS

APPENDIX B

HISTORICAL RESEARCH DOCUMENTATION

B-1

NYC OASIS INFORMATION

APPENDIX C

REGULATORY RECORDS DOCUMENTATION

C-1

MAPPED DATABASE REPORT

C-2

GENERAL PUBLIC RECORDS

APPENDIX D

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Photograph Number 1: Subject Property

Photograph Number 2: Property located to the south – Residential, Medical Offices

Photograph Number 3: Property located to the west – Vacant Warehouse

Photograph Number 4: Property located to the east – Vacant Warehouse, Church

Photograph Number 5: Electric Meters

Photograph Number 6: Cellar

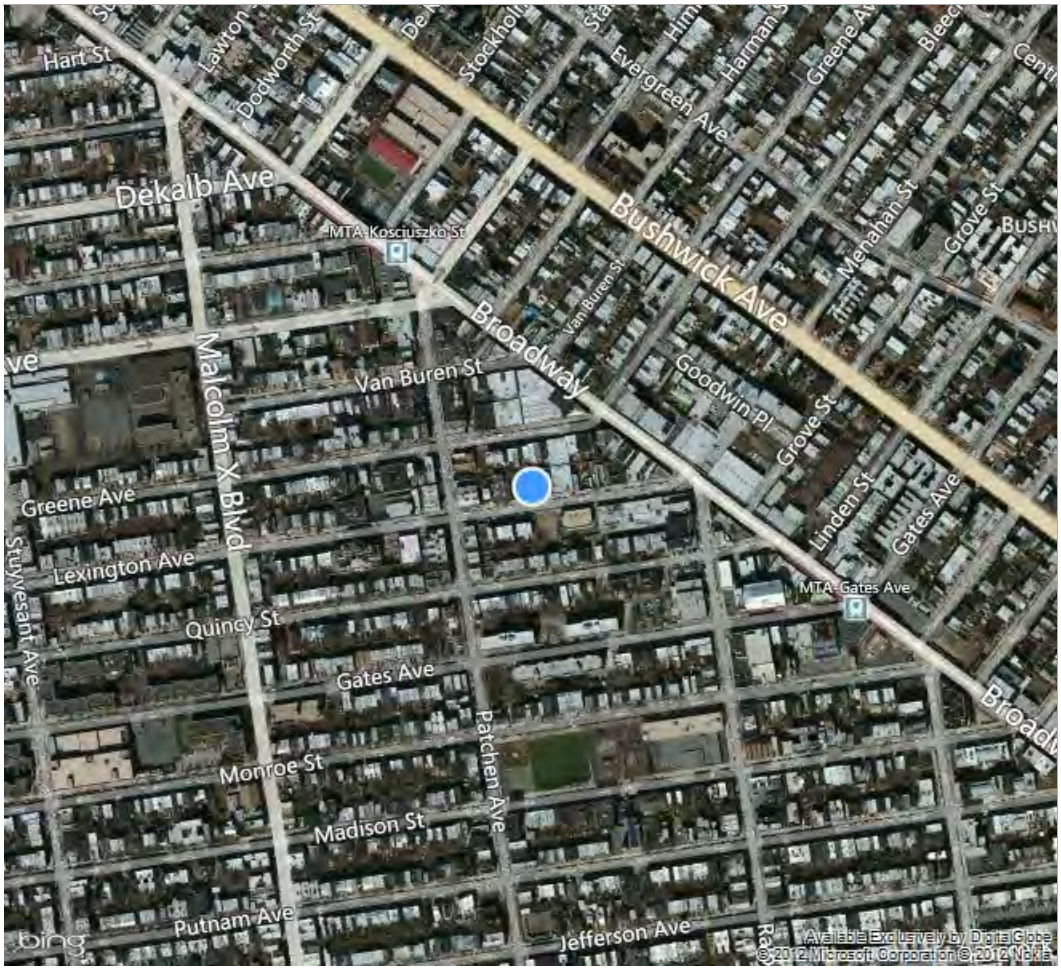
Photograph Number 7: Second Floor

bing Maps

853 Lexington Ave, Brooklyn, NY 11221

My Notes

On the go? Use **m.bing.com** to find maps, directions, businesses, and more



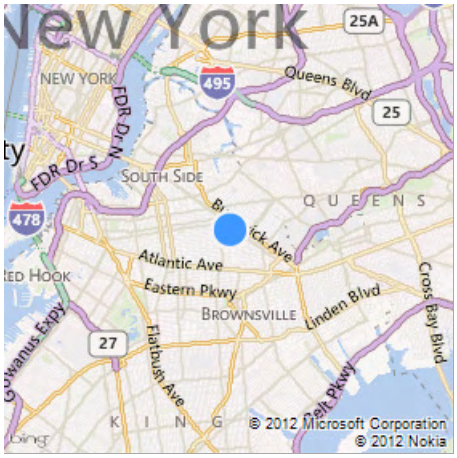
Bird's eye view maps can't be printed, so another map view has been substituted.

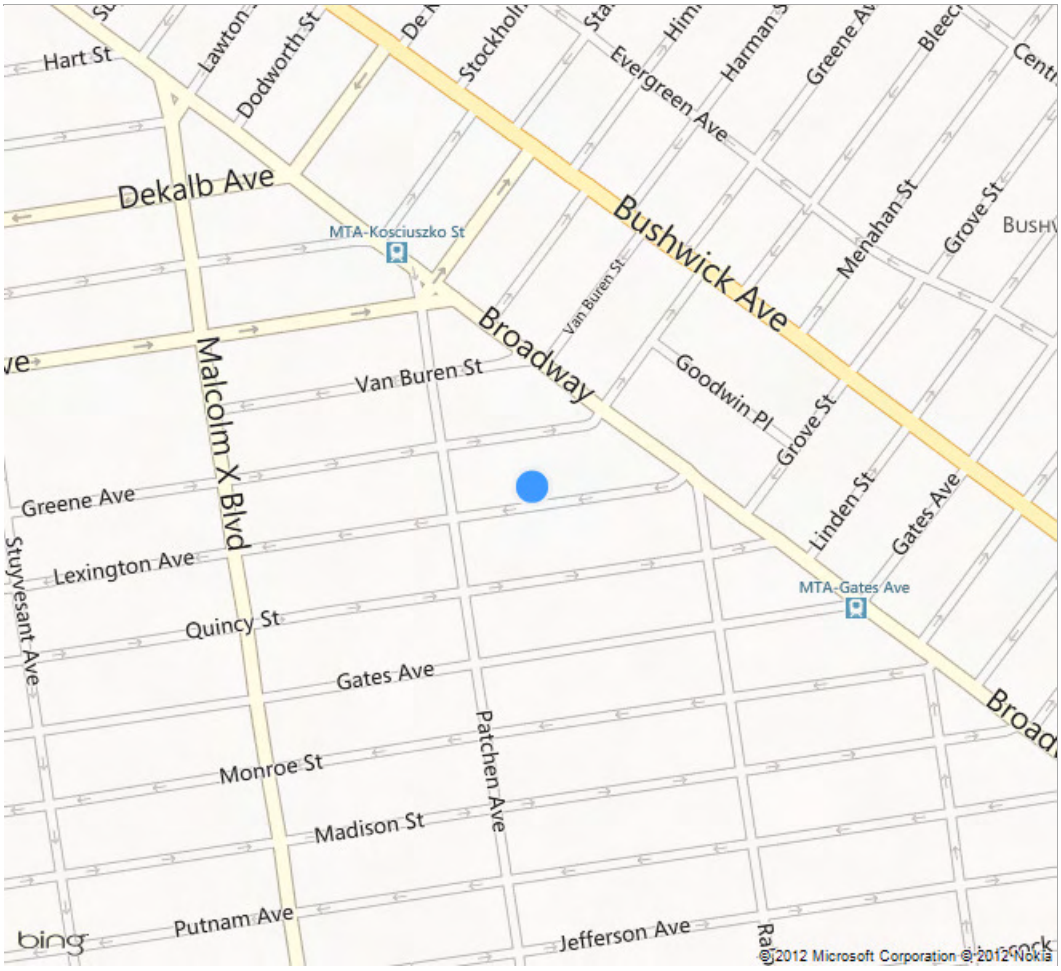
bing Maps

853 Lexington Ave, Brooklyn, NY 11221

My Notes

On the go? Use **m.bing.com** to find maps, directions, businesses, and more





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NYC Department of Buildings

Property Profile Overview

853 LEXINGTON AVENUE		**BROOKLYN 11221**		**BIN# 3044207**	
LEXINGTON AVENUE	853 - 853	**Health Area**	: 2100	**Tax Block**	: 1623
		Census Tract	: 387	**Tax Lot**	: 70
		Community Board	: 303	**Condo**	: NO
		Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... Browse Block

View Zoning Documents View Challenge Results View Certificates of Occupancy

Cross Street(s):	PATCHEN AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Little 'E' Restricted:	HAZMAT/NOISE/AIR	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. Click here for more information

Department of Finance Building Classification: F9-FACTORY/INDSTRIAL

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	22	0
Violations-ECB (DOB)	1	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	1	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

- Elevator Records
- Electrical Applications
- Permits In-Process / Issued
- Illuminated Signs Annual Permits
- Plumbing Inspections
- Open Plumbing Jobs / Work Types
- Facades
- Marquee Annual Permits
- Boiler Records
- DEP Boiler Information
- Crane Information
- After Hours Variance Permits

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

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NYC Department of Buildings

C of O PDF Listing for Property

Premises: 853 LEXINGTON AVENUE BROOKLYN **BIN: 3044207 Block: 1623 Lot: 70**

Download the **Adobe Acrobat Reader** if you are unable to open the PDF files

To report a problem with any of these images, please use the **CO Image Problem Form**

THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

Back

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NYC Department of Buildings

Actions

Premises: 853 LEXINGTON AVENUE BROOKLYN **BIN: 3044207** **Block: 1623** **Lot: 70**

NUMBER	TYPE	FILE DATE
EBN 915/02SO/040903#1041	ELEVATOR BUILDING NOTICE	06/05/2002
V* 081685ELL1081SS05447	DOB VIOLATION - DISMISSED	00/00/1985
V* 070385E145623	DOB VIOLATION - DISMISSED	07/03/1985
DISMISSAL DATE: 06/15/1988		
V* 111486LL1081SS05290	DOB VIOLATION - DISMISSED	00/00/1986
DISMISSAL DATE: 03/12/2002	**AGENCY LICENSE:** LL1081	
V* 050887LL1081SS04209	DOB VIOLATION - DISMISSED	00/00/1987
DISMISSAL DATE: 03/12/2002	**AGENCY LICENSE:** LL1081	
V* 012988LL1081SS03833	DOB VIOLATION - DISMISSED	00/00/1988
DISMISSAL DATE: 03/12/2002	**AGENCY LICENSE:** LL1081	
V* 061588E14480202	DOB VIOLATION - DISMISSED	00/00/1988
DISMISSAL DATE: 12/31/2002	**AGENCY LICENSE:** CIACGR	
V* 053194LL108103590	DOB VIOLATION - DISMISSED	05/31/1994
V* 101289LL108104412	DOB VIOLATION - DISMISSED	10/12/1989
V* 062990LL108103319	DOB VIOLATION - DISMISSED	06/29/1990

Next

Enter Action Type: Or Select from List: Select... Refresh

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NYC Department of Buildings

Actions

Premises: 853 LEXINGTON AVENUE BROOKLYN **BIN: 3044207** **Block: 1623** **Lot: 70**

NUMBER	TYPE	FILE DATE
V* 042591LL108102296	DOB VIOLATION - DISMISSED	04/25/1991
V* 040792LL108103736	DOB VIOLATION - DISMISSED	04/07/1992
V* 062893LL108102991	DOB VIOLATION - DISMISSED	06/28/1993
V* 041795LL108102866	DOB VIOLATION - DISMISSED	04/17/1995
V* 030896LL108102266	DOB VIOLATION - DISMISSED	03/08/1996
V* 011397LL108102734	DOB VIOLATION - DISMISSED	01/13/1997
V* 010698LL108101968	DOB VIOLATION - DISMISSED	01/06/1998
V* 012099LL108102253	DOB VIOLATION - DISMISSED	01/20/1999
V* 031000LL108102393	DOB VIOLATION - DISMISSED	03/10/2000
V* 030801LL108102198	DOB VIOLATION - DISMISSED	03/08/2001

Previous Next

Enter Action Type: Or Select from List: Select... Refresh

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NYC Department of Buildings

Actions

Page: 3

Premises: 853 LEXINGTON AVENUE BROOKLYN **BIN: 3044207** **Block: 1623** **Lot: 70**

NUMBER	TYPE	FILE DATE
V* 040302E9013/351240	DOB VIOLATION - DISMISSED	04/03/2002
V* 021902LL108102535	DOB VIOLATION - DISMISSED	02/19/2002
V* 032103LL108102042	DOB VIOLATION - DISMISSED	03/21/2003
VEC* 012401E1758D01	ECB VIOLATION DISMISSED	01/24/2001

Previous

Enter Action Type: Or Select from List: Select... Refresh

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

FINAL ASSESSMENT ROLL 2012-2013 | City of New York

Taxable Status Date: **January 5, 2012**

EXPLANATION OF ASSESSMENT ROLL

View May 25, 2012 - Market Value History
View 2012 TENTATIVE ASSESSMENT ROLL
View 2011 FINAL ASSESSMENT ROLL
View May 25, 2011 - Market Value History
View 2011 TENTATIVE ASSESSMENT ROLL
View January 15, 2011 - Market Value History
View 2010 FINAL ASSESSMENT ROLL
View May 25, 2010 - Market Value History
View 2010 TENTATIVE ASSESSMENT ROLL
View 2009 FINAL ASSESSMENT ROLL
View 2008 FINAL ASSESSMENT ROLL
View 2007 FINAL ASSESSMENT ROLL
View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:
LEXINGTON REALTY MANAGEMENT, LLC

Property Address and Zip Code:
853 LEXINGTON AVENUE 11221

Real Estate Billing Name and Address:
LEXINGTON REALTY MANAGEMENT, LLC
JOSEPH GRUNBAUM
168 WALWORTH ST
BROOKLYN NY 11205

Borough: BROOKLYN
Block: 1623
Lot: 70
Tax Class: 4
Building Class: F9 Codes

Land Information

Lot Size	Irregular	Corner
73.58FT X 100.00FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
1	73.58FT X 100.00FT		2

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		380,000
ACTUAL AV	50,400	171,000
ACTUAL EX AV	0	0
TRANS AV	45,072	181,410
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2012/13 TAXES WILL BE BASED ON	171,000

Property is assessed at the following uniform percentages of full market value, unless limited to a lesser amount by law:

Class 1 - 6% **Class 2 - 45%** **Class 3 - 45%** **Class 4 - 45%**

Statements List | Select a BBL | Logon to NYCProperty

Go To: Finance Home Page | NYC.gov Home Page | Contact NYC.gov | FAQs | Privacy Statement | Site Map

853 Lexington Avenue
853 Lexington Avenue
Brooklyn, NY 11221

Inquiry Number: 3456397.1s
November 15, 2012

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

853 LEXINGTON AVENUE
BROOKLYN, NY 11221

COORDINATES

Latitude (North):	40.6905000 - 40˚ 41' 25.80''
Longitude (West):	73.9268000 - 73˚ 55' 36.48''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590681.9
UTM Y (Meters):	4504743.0
Elevation:	53 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

VAPOR REOPENED ..... Vapor Intrusion Legacy Site List

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

SWF/LF ..... Facility Register

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

TANKS ..... Storage Tank Faciliy Listing
CBS UST ..... Chemical Bulk Storage Database
MOSF UST ..... Major Oil Storage Facilities Database
CBS AST ..... Chemical Bulk Storage Database
MOSF AST ..... Major Oil Storage Facilities Database
MOSF ..... Major Oil Storage Facility Site Listing
CBS ..... Chemical Bulk Storage Site Listing

EXECUTIVE SUMMARY

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ..... Registry of Engineering Controls
INST CONTROL ..... Registry of Institutional Controls
RES DECL ..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Agreements
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

ERP ..... Environmental Restoration Program Listing
BROWNFIELDS ..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
ODI ..... Open Dump Inventory
SWTIRE ..... Registered Waste Tire Storage & Facility List
SWRCY ..... Registered Recycling Facility List
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
DEL SHWS ..... Delisted Registry Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST AST ..... Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LIENS ..... Spill Liens Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
HSWDS	Hazardous Substance Waste Disposal Site Inventory
UIC	Underground Injection Control Wells
NPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
E DESIGNATION	E DESIGNATION SITE LISTING
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
PRP	Potentially Responsible Parties
COAL ASH	Coal Ash Disposal Site Listing
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
2020 COR ACTION	2020 Corrective Action Program List
FINANCIAL ASSURANCE	Financial Assurance Information Listing
EPA WATCH LIST	EPA WATCH LIST
PCB TRANSFORMER	PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE 2292	987 GREENE AVE	NW 0 - 1/8 (0.061 mi.)	B7	20

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RODRIGUEZ DRY CLEANERS	***19 PATCHEN AVE***	***NNW 0 - 1/8 (0.105 mi.)***	***18***	***43***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF ED - PUBLIC SCHOOL	794 MONROE ST	SE 1/8 - 1/4 (0.183 mi.)	L49	138

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/15/2012 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	71 MALCOLM X BLVD	WNW 1/8 - 1/4 (0.220 mi.)	55	152

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the SHWS list, as provided by EDR, and dated 10/03/2012 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
192 RALPH AVENUE	***192 RALPH AVE***	***SSE 1/2 - 1 (0.544 mi.)***	***87***	***258***
Class Code: Significant threat to the public health or environment - action required.				

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 08/20/2012 has revealed that there are 25 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYPD 81ST PCT	***18 RALPH AV***	***ESE 1/8 - 1/4 (0.144 mi.)***	***34***	***90***
Date Closed: 5/23/1997				
ENGINE CO. 222 FDNY -DDC	***32 RALPH AVENUE***	***ESE 1/8 - 1/4 (0.169 mi.)***	***K41***	***121***
Date Closed: 7/9/2002				
Date Closed: 7/9/2002				
1081 LAFAYETTE AVE	***1081 LAFAYETTE AVE***	***NW 1/8 - 1/4 (0.172 mi.)***	***I43***	***127***
Date Closed: 11/1/1996				
931 GREENE AVE	931 GREENE AVE	W 1/8 - 1/4 (0.176 mi.)	47	135
Date Closed: 11/21/2003				
TANK ROOM - ENCLOSED TTF	40 GROVE ST	ENE 1/8 - 1/4 (0.223 mi.)	58	159
Date Closed: 10/7/2009				
STUYVESANT GARDENS	***875 GATES AVENUE***	***WSW 1/4 - 1/2 (0.267 mi.)***	***63***	***170***
23 HIMROD ST	***23 HIMROD ST***	***NNE 1/4 - 1/2 (0.283 mi.)***	***64***	***176***
Date Closed: 5/20/1992				
Date Closed: 5/20/1992				
**Additional key fields are available in the Map Findings section*				
APARTMENT BLDG	***531 KOSCIUSKO ST***	***WNW 1/4 - 1/2 (0.363 mi.)***	***O72***	***208***
Date Closed: 2/19/2003				
JUNIOR HIGH SCHOOL 57	***125 STUYVESANT AVENUE***	***W 1/4 - 1/2 (0.364 mi.)***	***P73***	***212***
Date Closed: 3/10/2003				
Date Closed: 7/14/2005				
**Additional key fields are available in the Map Findings section*				
CLOSED-LACKOF RECENT INFO	***26 LAWTON STREET***	***NNW 1/4 - 1/2 (0.376 mi.)***	***76***	***230***
Date Closed: 3/5/2003				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
701 PUTNAM AVE. Date Closed: 10/7/1992	***701 PUTNAM AVE***	***SW 1/4 - 1/2 (0.472 mi.)***	***86***	***255***

Lower Elevation	Address	Direction / Distance	Map ID	Page
APARTMENT BLDG. Date Closed: 4/17/2006	940-950 GATES AVE	SSE 0 - 1/8 (0.107 mi.)	G22	64
45 RALPH AVENUE Date Closed: 8/2/1994	***45 RALPH AVENUE***	***SE 1/8 - 1/4 (0.186 mi.)***	***K51***	***144***
17 PALMETTO ST Date Closed: 7/27/1998	***17 PALMETTO ST***	***ESE 1/4 - 1/2 (0.320 mi.)***	***66***	***189***
1070 BRUNSWICK AVE/NY TEL Date Closed: 4/28/2000	***1070 BRUNSWICK AVE***	***E 1/4 - 1/2 (0.334 mi.)***	***67***	***192***
1016 PUTNAM AVENUE Date Closed: 12/16/1994	***1016 PUTNAM AVENUE***	***SE 1/4 - 1/2 (0.355 mi.)***	***68***	***195***
743 HANCOCK ST/BKLYN Date Closed: 10/6/1992 Date Closed: 3/14/1991	***743 HANCOCK STREET***	***SSE 1/4 - 1/2 (0.360 mi.)***	***N69***	***197***
1084 BUSHWICK Date Closed: 10/28/1992	***1084 BUSHWICK AVE***	***E 1/4 - 1/2 (0.376 mi.)***	***75***	***225***
41 HOWARD AV / BKLN Date Closed: 10/7/1992	***41 HOWARD AVE***	***SE 1/4 - 1/2 (0.379 mi.)***	***77***	***233***
PALMETTO Date Closed: 7/8/1996	***85 PALMETTO STREET***	***E 1/4 - 1/2 (0.397 mi.)***	***78***	***235***
742 HALSEY ST. Date Closed: 5/10/1994	***742 HALSEY ST.***	***SSE 1/4 - 1/2 (0.419 mi.)***	***79***	***238***
119 LINDEN STREET/BKLYN Date Closed: 12/8/1992 Date Closed: 2/27/1989	***119 LINDEN STREET***	***ENE 1/4 - 1/2 (0.424 mi.)***	***Q81***	***242***
766 HALSEY ST/BROOKLYN Date Closed: 2/27/1989	***766 HALSEY STREET***	***SSE 1/4 - 1/2 (0.432 mi.)***	***83***	***248***
RESIDENCE Date Closed: 2/8/2006	1097 PUTNAM AVE	ESE 1/4 - 1/2 (0.455 mi.)	84	251
296 CENTER AVENUE Date Closed: 12/10/1994	***296 CENTER AVENUE***	***NNE 1/4 - 1/2 (0.456 mi.)***	***85***	***253***

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 25 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYPD 81ST PCT Date Closed: 05/23/97	***18 RALPH AV***	***ESE 1/8 - 1/4 (0.144 mi.)***	***34***	***90***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENGINE CO 222 Date Closed: / /	32 RALPH ST	ESE 1/8 - 1/4 (0.169 mi.)	K38	112
ENGINE CO. 222 FDNY -DDC Date Closed: / /	***32 RALPH AVENUE***	***ESE 1/8 - 1/4 (0.169 mi.)***	***K41***	***121***
1081 LAFAYETTE AVE Date Closed: 11/01/96	***1081 LAFAYETTE AVE***	***NW 1/8 - 1/4 (0.172 mi.)***	***I43***	***127***
STUYVESANT GARDENS Date Closed: / /	***875 GATES AVENUE***	***WSW 1/4 - 1/2 (0.267 mi.)***	***63***	***170***
23 HIMROD ST Date Closed: 05/20/92	***23 HIMROD ST***	***NNE 1/4 - 1/2 (0.283 mi.)***	***64***	***176***
1103-1106 DEKALB AVE Date Closed: / /	***1103-1106 DEKALB AVE***	***NW 1/4 - 1/2 (0.320 mi.)***	***65***	***181***
BASEMENT FLOOR - CONCRETE Date Closed: / /	531 KOSCIUSKO STREET	WNW 1/4 - 1/2 (0.363 mi.)	O71	207
JUNIOR HIGH SCHOOL 57 Date Closed: / / Date Closed: / /	125 STYVESANT ST	W 1/4 - 1/2 (0.364 mi.)	P74	223
CLOSED-LACKOF RECENT INFO Date Closed: / /	***26 LAWTON STREET***	***NNW 1/4 - 1/2 (0.376 mi.)***	***76***	***230***
STUYVESANT GARDENS Date Closed: / /	***734 GATES AVE***	***WSW 1/4 - 1/2 (0.429 mi.)***	***82***	***246***
701 PUTNAM AVE. Date Closed: 10/07/92	***701 PUTNAM AVE***	***SW 1/4 - 1/2 (0.472 mi.)***	***86***	***255***

Lower Elevation	Address	Direction / Distance	Map ID	Page
45 RALPH AVENUE Date Closed: 08/02/94	***45 RALPH AVENUE***	***SE 1/8 - 1/4 (0.186 mi.)***	***K51***	***144***
17 PALMETTO ST Date Closed: 07/27/98	***17 PALMETTO ST***	***ESE 1/4 - 1/2 (0.320 mi.)***	***66***	***189***
1070 BRUNSWICK AVE/NY TEL Date Closed: 04/28/00	***1070 BRUNSWICK AVE***	***E 1/4 - 1/2 (0.334 mi.)***	***67***	***192***
1016 PUTNAM AVENUE Date Closed: 12/16/94	***1016 PUTNAM AVENUE***	***SE 1/4 - 1/2 (0.355 mi.)***	***68***	***195***
743 HANCOCK ST/BKLYN Date Closed: 03/14/91 Date Closed: 10/06/92	***743 HANCOCK STREET***	***SSE 1/4 - 1/2 (0.360 mi.)***	***N70***	***203***
1084 BUSHWICK Date Closed: 10/28/92	***1084 BUSHWICK AVE***	***E 1/4 - 1/2 (0.376 mi.)***	***75***	***225***
41 HOWARD AV / BKLN Date Closed: 10/07/92	***41 HOWARD AVE***	***SE 1/4 - 1/2 (0.379 mi.)***	***77***	***233***
PALMETTO Date Closed: 07/08/96	***85 PALMETTO STREET***	***E 1/4 - 1/2 (0.397 mi.)***	***78***	***235***
742 HALSEY ST. Date Closed: 05/10/94	***742 HALSEY ST.***	***SSE 1/4 - 1/2 (0.419 mi.)***	***79***	***238***
119 LINDEN STREET/BKLYN Date Closed: 02/27/89	119 LINDEN STREET	ENE 1/4 - 1/2 (0.424 mi.)	Q80	241

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
119 LINDEN STREET/BKLYN Date Closed: 12/08/92	***119 LINDEN STREET***	***ENE 1/4 - 1/2 (0.424 mi.)***	***Q81***	***242***
766 HALSEY ST/BROOKLYN Date Closed: 02/27/89	***766 HALSEY STREET***	***SSE 1/4 - 1/2 (0.432 mi.)***	***83***	***248***
296 CENTER AVENUE Date Closed: 12/10/94	***296 CENTER AVENUE***	***NNE 1/4 - 1/2 (0.456 mi.)***	***85***	***253***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 10/02/2012 has revealed that there are 12 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
822 LEXINGTON AVENUE	822 LEXINGTON AVENUE	E 0 - 1/8 (0.023 mi.)	A3	12
KINGSBORO ADDICTION TREATMENT	754 LEXINGTON AVENUE	W 1/8 - 1/4 (0.127 mi.)	H32	85
ASSOCIATED SUPERMARKET	1291 BROADWAY	E 1/8 - 1/4 (0.133 mi.)	33	88
1086-1098 LAFAYETTE AVE	1086-1098 LAFAYETTE AVE	NW 1/8 - 1/4 (0.165 mi.)	I35	92
FDNY ENGINE 222	32 RALPH AVENUE	ESE 1/8 - 1/4 (0.169 mi.)	K40	117
GOOD SAMARITAN DCC	992 GATES AVENUE	ESE 1/8 - 1/4 (0.173 mi.)	K45	131
1050 LAFAYETTE AVE. CORP.	1050 LAFAYETTE AVE	NW 1/8 - 1/4 (0.208 mi.)	54	150
MENORAH HOME AND HOSPITAL	***871 BUSHWICK AVENUE***	***NNE 1/8 - 1/4 (0.230 mi.)***	***M60***	***161***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIRST NIGERIAN SEVENTH-DAY ADV	***811 LEXINGTON AVENUE***	***W 0 - 1/8 (0.081 mi.)***	***C10***	***25***
METAL COLORS CORPORATION	***770 LEXINGTON AVENUE***	***WSW 0 - 1/8 (0.092 mi.)***	***C12***	***30***
GP-UHAB HDFC	940-950 GATES AVENUE	SSE 0 - 1/8 (0.107 mi.)	G21	61
GOOD COUNSEL SRO RESIDENCE	***826 MADISON STREET***	***SSE 1/8 - 1/4 (0.221 mi.)***	***57***	***155***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 10/02/2012 has revealed that there are 9 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WEACTH REALTY INC	552 VAN BUREN STREET	N 0 - 1/8 (0.099 mi.)	E16	40
957 GREENE AVENUE	***957 GREENE AVENUE***	***WNW 0 - 1/8 (0.120 mi.)***	***28***	***74***
KINGSBORO ALCOHOLISM TREATMENT	***754 LEXINGTON AVENUE***	***W 1/8 - 1/4 (0.127 mi.)***	***H31***	***79***
1075 GREENE AVE	1075 GREENE AVENUE	NE 1/8 - 1/4 (0.182 mi.)	48	136
946 BUSHWICK AVE	946 BUSHWICK AVENUE	NE 1/8 - 1/4 (0.221 mi.)	56	153
12 BLEEKER STREET	***12 BLEECKER STREET***	***NE 1/8 - 1/4 (0.246 mi.)***	***62***	***167***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DANIEL HALE WILLIAMS ASSOC	***969 GATES AVE***	***S 0 - 1/8 (0.106 mi.)***	***F19***	***56***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GP-UHAB HDFC	940-950 GATES AVENUE	SSE 0 - 1/8 (0.107 mi.)	G20	59
P S 309	***794 MONROE ST***	***SE 1/8 - 1/4 (0.183 mi.)***	***L50***	***139***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 8 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KINGSBORO ALCOHOLISM TREATMENT	***754 LEXINGTON AVENUE***	***W 1/8 - 1/4 (0.127 mi.)***	***H31***	***79***
FDNY ENGINE 222	32 RALPH AVENUE	ESE 1/8 - 1/4 (0.169 mi.)	K39	114
MENORAH HOME AND HOSPITAL	***871 BUSHWICK AVENUE***	***NNE 1/8 - 1/4 (0.230 mi.)***	***M60***	***161***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIRST NIGERIAN SEVENTH-DAY ADV	***811 LEXINGTON AVENUE***	***W 0 - 1/8 (0.081 mi.)***	***C10***	***25***
METAL COLORS CORPORATION	770 LEXINGTON AVENUE	WSW 0 - 1/8 (0.092 mi.)	C11	28
METAL COLORS CORPORATION	***770 LEXINGTON AVENUE***	***WSW 0 - 1/8 (0.092 mi.)***	***C12***	***30***
GATES PATCHEN HOUSING	940-950 GATES AVE	SSE 0 - 1/8 (0.107 mi.)	G23	66
GOOD COUNSEL SRO RESIDENCE	***826 MADISON STREET***	***SSE 1/8 - 1/4 (0.221 mi.)***	***57***	***155***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 08/20/2012 has revealed that there are 10 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COBBLE HILL HEALTH CENTER Date Closed: 11/10/2008	822 LEXINGTON AVE	E 0 - 1/8 (0.023 mi.)	A2	10
LEXINGTON AVENUE Date Closed: 3/10/2006	881 LEXINGTON AVE	E 0 - 1/8 (0.045 mi.)	A4	14
PATCHIN AVE Date Closed: 12/21/1999	***PATCHIN AVE & GREEN AVE***	***NW 0 - 1/8 (0.062 mi.)***	***B8***	***21***
INTERSECTION OF Date Closed: 11/2/2005	BROADWAY AND GREENE	NE 0 - 1/8 (0.094 mi.)	D14	37
BROADWAY/ GREENE AVE Date Closed: 4/7/2008	BROADWAY/ GREENE AVE	NE 0 - 1/8 (0.094 mi.)	D15	39

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
RESIDENTS Date Closed: 11/4/2005	***814 QUINCY STREET***	***S 0 - 1/8 (0.055 mi.)***	***5***	***15***
217425; QUINCY AVE AND PATCHEN Date Closed: 10/2/2009	QUINCY AVE AND PATCHEN	SSW 0 - 1/8 (0.068 mi.)	9	24
940 GATES AVE Date Closed: 3/31/1993	***940 GATES AVE***	***SSE 0 - 1/8 (0.107 mi.)***	***G24***	***67***
MANHOLE #5809 Date Closed: 8/18/2009	GATES AV & PATCHEN AV	SSW 0 - 1/8 (0.113 mi.)	F26	71
VAULT # VS5809 Date Closed: 2/10/2003	GATES AVE / PATCHEN AVE	SSW 0 - 1/8 (0.113 mi.)	F27	72

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 4 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PATCHIN AVE	***PATCHIN AVE & GREEN AVE***	***NW 0 - 1/8 (0.062 mi.)***	***B8***	***21***
TOSCO REFINING	2O63 RALPH AVE	E 0 - 1/8 (0.111 mi.)	25	70

Lower Elevation	Address	Direction / Distance	Map ID	Page
RESIDENTS	***814 QUINCY STREET***	***S 0 - 1/8 (0.055 mi.)***	***5***	***15***
940 GATES AVE	***940 GATES AVE***	***SSE 0 - 1/8 (0.107 mi.)***	***G24***	***67***

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/15/2012 has revealed that there are 10 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WROUGHT ORIGINALS	***847 LEXINGTON AVE***	***WSW 0 - 1/8 (0.017 mi.)***	***1***	***8***
LUCKY FRENCH CLEANER	***1203 BROADWAY***	***N 0 - 1/8 (0.120 mi.)***	***E30***	***78***
AVANT CLEANER CENTER	***890 QUINCY ST***	***E 1/8 - 1/4 (0.167 mi.)***	***J37***	***102***
NYC FIRE DEPT ENGINE CO 222	***32 RALPH AVE***	***ESE 1/8 - 1/4 (0.169 mi.)***	***K42***	***125***
NORM MIKE CONTRACTORS INC	***992 GATES AVENUE***	***ESE 1/8 - 1/4 (0.173 mi.)***	***K44***	***129***
NU LYNN CLEANERS	***36A RALPH AVE***	***ESE 1/8 - 1/4 (0.175 mi.)***	***K46***	***133***
D U DRY CLEANERS	***125 MALCOLM X BLVD***	***WSW 1/8 - 1/4 (0.204 mi.)***	***52***	***146***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MTA NYCT - KOSCIUSKO ST STATIO	***KOSCIUSKO ST & BROADWAY***	***NNW 1/8 - 1/4 (0.205 mi.)***	***53***	***149***
VERIZON	BUSHWICK AVE & HIMROD S	N 1/8 - 1/4 (0.236 mi.)	M61	166

Lower Elevation	Address	Direction / Distance	Map ID	Page
METAL COLORS CORP	***770 LEXINGTON AVE***	***WSW 0 - 1/8 (0.092 mi.)***	***C13***	***36***

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 08/01/2012 has revealed that there are 8 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WROUGHT ORIGINALS	***847 LEXINGTON AVE***	***WSW 0 - 1/8 (0.017 mi.)***	***1***	***8***
CONSOLIDATED EDISON	987 GREENE AVE	NW 0 - 1/8 (0.061 mi.)	B6	18
NYCDEP	VAN BUREN & BROADWAY	NNE 0 - 1/8 (0.101 mi.)	17	42
RODRIGUEZ DRY CLEANERS	***19 PATCHEN AVE***	***NNW 0 - 1/8 (0.105 mi.)***	***18***	***43***
AVANT CLEANER CENTER	***890 QUINCY ST***	***E 1/8 - 1/4 (0.167 mi.)***	***J37***	***102***
D U DRY CLEANERS	***125 MALCOLM X BLVD***	***WSW 1/8 - 1/4 (0.204 mi.)***	***52***	***146***
NYNEX	GATES AVE/MALCOLM X BLV	SW 1/8 - 1/4 (0.223 mi.)	59	160

Lower Elevation	Address	Direction / Distance	Map ID	Page
METAL COLORS CORPORATION	***770 LEXINGTON AVENUE***	***WSW 0 - 1/8 (0.092 mi.)***	***C12***	***30***

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/20/2012 has revealed that there are 3 DRYCLEANERS sites within approximately 0.25 miles of the target property.

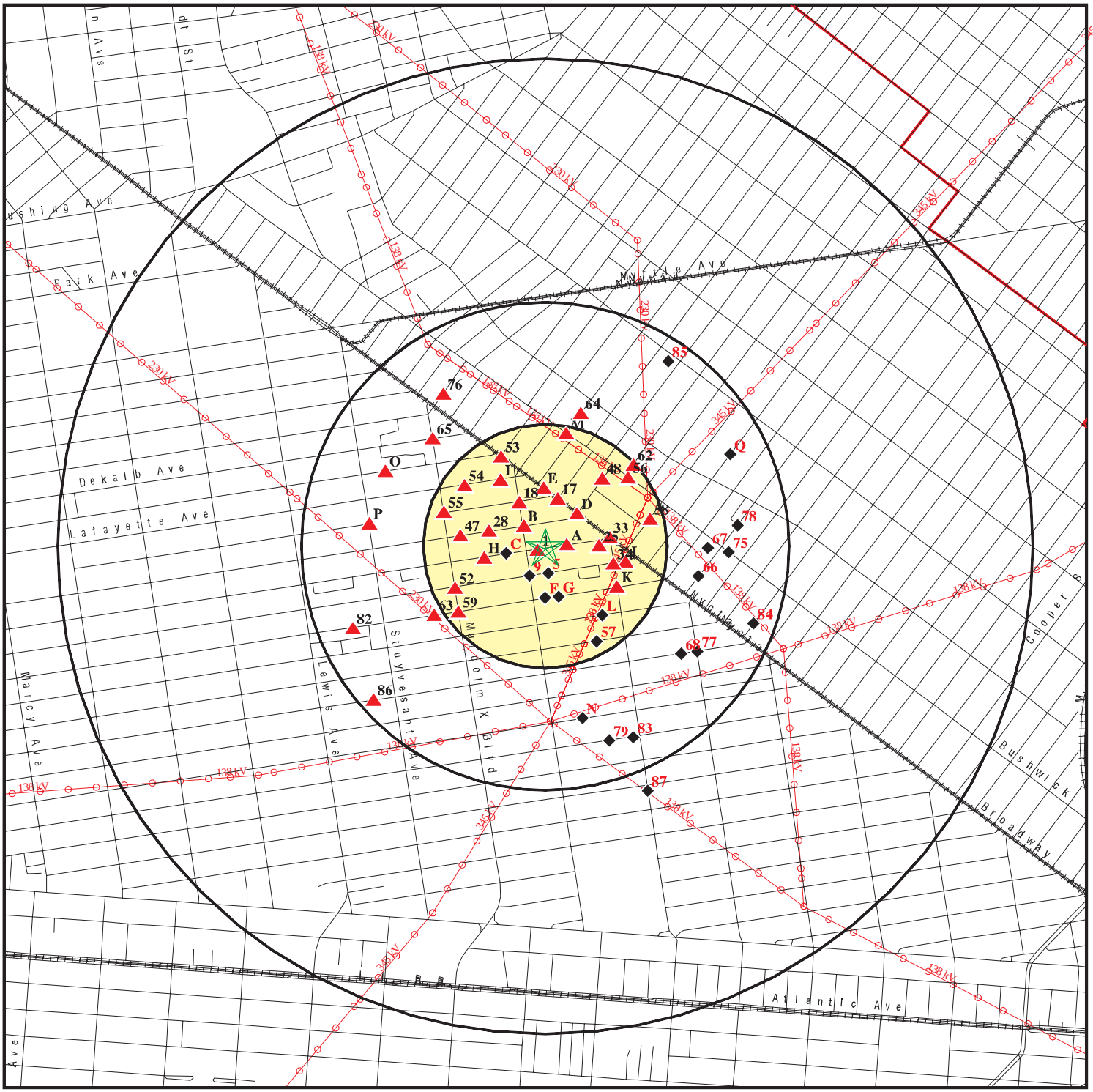
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RODRIGUEZ DRY CLEANERS	***19 PATCHEN AVE***	***NNW 0 - 1/8 (0.105 mi.)***	***18***	***43***
LUCKY SCIENTIFIC FRENCH CLEANE	1203 BROADWAY	N 0 - 1/8 (0.120 mi.)	E29	77
AVANTI CLEANING CENTER	890 QUINCY STREET	E 1/8 - 1/4 (0.167 mi.)	J36	102

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYCTA - 977 BROADWAY	FINDS,RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYCDEP	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYNEX	MANIFEST
NYNEX	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
BELL ATLANTIC-NY	FINDS,MANIFEST
MTA NYCT - NEW YARD	FINDS,RCRA-NLR
BELL ATLANTIC-NY	RCRA-NLR
E 29TH ST & KINGS HWY	SPILLS,HIST SPILLS
BETW/AVE X &	SPILLS
BOX 38486	SPILLS,HIST SPILLS
TO ROADWAY	SPILLS
ROADWAY	SPILLS
KINGS HIGHWAY MOBIL	SPILLS
205842; KINGS HWY	SPILLS
FOUNTAIN AVENUE LANDFILL	ODI

OVERVIEW MAP - 3456397.1s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone

0 1/4 1/2 1 Miles

N

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

SITE NAME: 853 Lexington Avenue ADDRESS: 853 Lexington Avenue Brooklyn NY 11221 LAT/LONG: 40.6905 / 73.9268	CLIENT: Singer Environmental CONTACT: Erica Derkatch INQUIRY #: 3456397.1s DATE: November 15, 2012 3:47 pm

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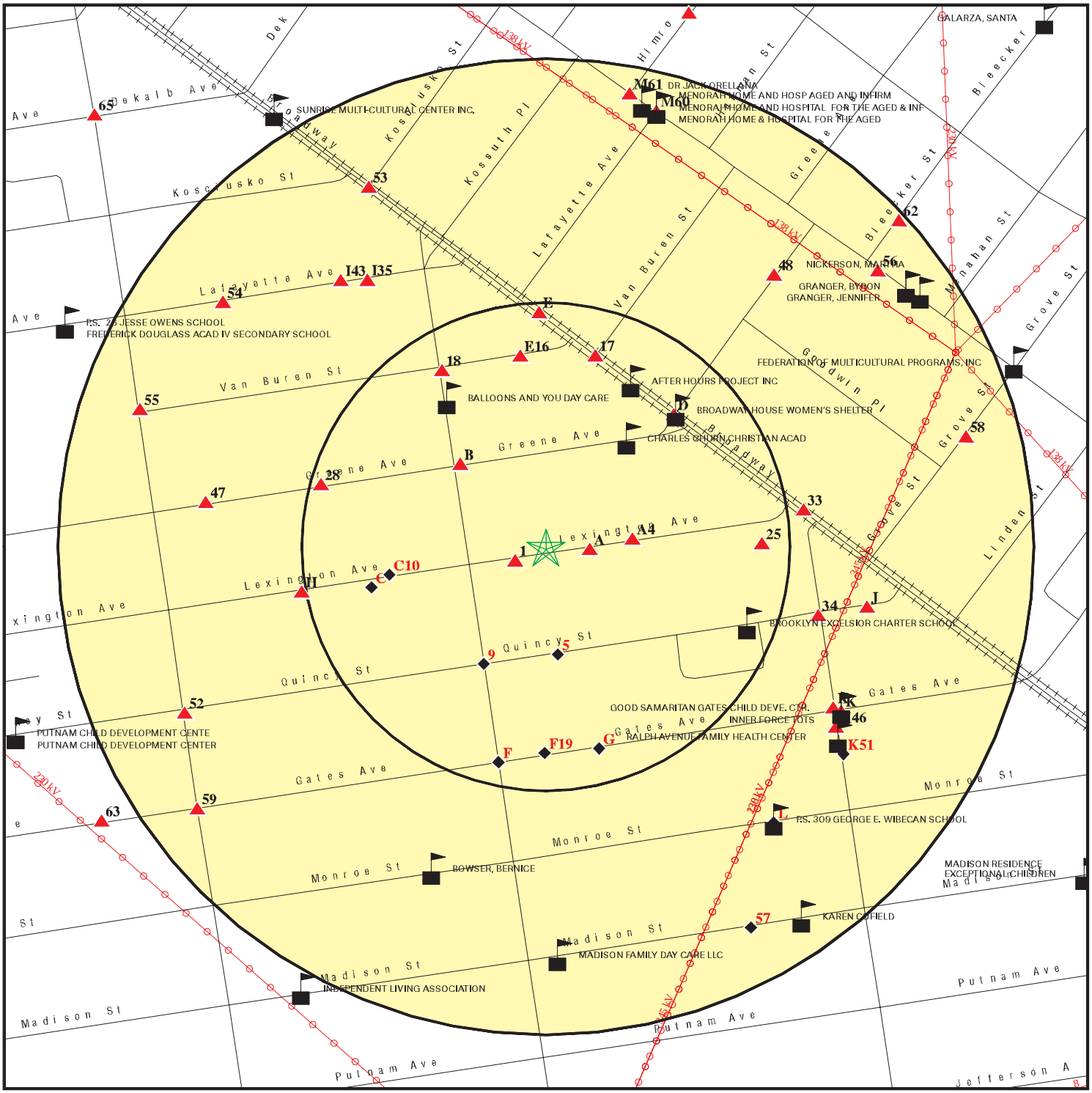
DETAIL MAP - 3456397.1s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone

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

SITE NAME: 853 Lexington Avenue	CLIENT: Singer Environmental
ADDRESS: 853 Lexington Avenue Brooklyn NY 11221	CONTACT: Erica Derkatch
LAT/LONG: 40.6905 / 73.9268	INQUIRY #: 3456397.1s DATE: November 15, 2012 3:48 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		1	1	NR	NR	NR	2
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	1	NR	1
VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LTANKS	0.500		1	6	18	NR	NR	25
HIST LTANKS	0.500		0	5	20	NR	NR	25
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250		4	8	NR	NR	NR	12
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		4	5	NR	NR	NR	9
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		4	4	NR	NR	NR	8
HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		10	NR	NR	NR	NR	10
NY Hist Spills	0.125		4	NR	NR	NR	NR	4
Other Ascertainable Records								
RCRA-NonGen	0.250		3	7	NR	NR	NR	10
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		5	3	NR	NR	NR	8
DRYCLEANERS	0.250		2	1	NR	NR	NR	3
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 WSW < 1/8 0.017 mi. 91 ft. | **WROUGHT ORIGINALS**
847 LEXINGTON AVE
BROOKLYN, NY 11221 | **RCRA-NonGen MANIFEST** | **1001080099 NYR000018069**

Relative: Higher

Actual: 53 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	WROUGHT ORIGINALS
Facility address:	847 LEXINGTON AVE BROOKLYN, NY 112212913
EPA ID:	NYR000018069
Mailing address:	VANSINDEREN ST BROOKLYN, NY 11207
Contact:	Not reported
Contact address:	VANSINDEREN ST BROOKLYN, NY 11207
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LAWRENCE RIGAKOVE
Owner/operator address:	271-29L GRAND CENTRAL PKWY FLORAL PARK, NY 11005
Owner/operator country:	US
Owner/operator telephone:	(718) 346-8300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	LAWRENCE RIGAKOVE
Owner/operator address:	271-29L GRAND CENTRAL PKWY FLORAL PARK, NY 11005
Owner/operator country:	US
Owner/operator telephone:	(718) 346-8300
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

WROUGHT ORIGINALS (Continued) **1001080099**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: WROUGHT ORIGINALS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: WROUGHT ORIGINALS
Classification: Not a generator, verified

Date form received by agency: 01/10/1996
Facility name: WROUGHT ORIGINALS
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000018069
Country: USA
Mailing Name: WROUGHT ORIGINALS
Mailing Contact: NEVILLE DEDIER
Mailing Address: 38 VANSINDEREN STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11207
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-346-8300

Document ID: NYB7434945
Manifest Status: Completed copy
Trans1 State ID: R39388
Trans2 State ID: M66388ME
Generator Ship Date: 960119
Trans1 Recv Date: 960119
Trans2 Recv Date: 960122
TSD Site Recv Date: 960123
Part A Recv Date: Not reported
Part B Recv Date: 960205
Generator EPA ID: NYR000018069
Trans1 EPA ID: CTD982191942
Trans2 EPA ID: CTD982191942
TSDF ID: OHD980681571
Waste Code: F001 - UNKNOWN
Quantity: 00165
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 130
Waste Code: Not reported
Quantity: 00055

WROUGHT ORIGINALS (Continued) **1001080099**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	110
Year:	96

A2 East < 1/8 0.023 mi. 119 ft. **COBBLE HILL HEALTH CENTER** **NY Spills** **S109372741**
822 LEXINGTON AVE **N/A**
BROOKLYN, NY

Site 1 of 3 in cluster A

Relative: Higher

Actual: 54 ft.

SPILLS:

Facility ID:	0808184
DER Facility ID:	354810
Facility Type:	ER
Site ID:	405565
DEC Region:	2
Spill Number:	0808184
Spill Date:	10/21/2008
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	11/10/2008
SWIS:	2401
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	10/21/2008
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/21/2008
Spill Record Last Update:	12/3/2008
Spiller Name:	JAKE HAWKES
Spiller Company:	COBBLE HILL HEALTH CENTER
Spiller Address:	822 LEXINGTON AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	JAKE HAWKES
Contact Phone:	(212) 631-9000
DEC Memo:	10/21/2008 - Sangesland spoke to Jake Hawkes at Emteque. He said they pulled a 10,000 gal tank from under the slab of a former building last week. They found some stained soil and had the soil tested. Tests came back contaminated. New building will be a daycare center.Contractors will be on site tomorrow to excavate further to remove anything that looks impacted. New end point samples will be taken and will be sent out for testing. If they are clean, a closure report will be submitted to the DEC for review.11/10/2008-Zhune. On 10/27/2008 Eric Telemaque (212)631-9000 from Emtque Corporation called and said that his office id providing environmental consulting

COBBLE HILL HEALTH CENTER (Continued) **S109372741**

services at 822 Lexington Ave. Brooklyn, NY. During excavation activities, a 10.000 gallon heating oil tank #6 oil was uncovered and apparently leaked. Upon discovery the tank was purged of contents, cleaned amd removed. All piping was also cleaned and removed. To date we have removed approximately 800 cubic yards of regulated soils (contaminated with # 6 oil). We are unable to excavate further on one site of the excavation since we will compromise the adjacent properties.the new construction will include a structure with slab on grade with footings to 4 feet below grade. The current excation in some areas is 10 feet grade and we have found a clay layer at approximately 8 feet below grade.The owner would like us to petition the NYSDEC to discontinue the excavation of contaminated material since the source ofthe contamination has been removed and significant amounts of contaminated soil has been remove. Water in Brooklyn is not potable and we anticipate that the depth to ground water is 50 (reported by others. We propose the incorporation of a vapor barier into the slab design to eliminate the potential for any exposure to the building occupants. He requested a meeting on the site to this discuss this matter.10/31/08 Jeff Vought, Veronica Zhune, Eric Telemarque President of Emteque Corporation, Lawrence Murphy from Cauldwell Wingate and Donny Tuchman from Cobble Hill Health Center met at the site. We inspected the site. They said that approximately 1,600 tons of contaminated soil were removed in an area of 45ftx45f to a depth of approximately 14 ft. At about 10-12 ft depth, a layer of clay 1-2 ft thick was found. It appeared that the spill did not go below this layer. Groundwater depth is known to be about 50 ans is not expected to have been impacted by the spill since it believed to have stopped at the caly layer. Eight end point samples were taken from the excavated area. Five (5)samples were taken every 30feet along the perimeter ofthe excavation and three (3) at the base of the excavation. Jeff requested the following:1. End Point samples results2. Installation of vapor barrier3. submission of PBS RegistrationOn November 05, 2008 the spill closure report was received.The analitycal results of the soil samples indicates that VOC's were detected in samples #3 and #6 but they are below the NYSDEC RSCOs. SVOC's were detected in samples #1, #2, #3, #6, #7 but they are below the NYSCDEC RSCOs.On November 06, 2008 a letter from Amteque was received. The letter stayed the following:As agreed during our site meeting on Friday, October 31, 2008, The vapor barrier will be placed below tha slab at 822 Lexington Ave. Please find attached a cut-sheet of the proposed 15 mil thick vapor barrier Stego Wrap manufactured by Stego Industries. Case Closed.

Remarks: CALLER STATES THAT THEY REMOVED A 10000 GALLON UST TANK AND THERE WAS EVIDENCE OF SOIL CONTAMINATION, POSSIBLY DUE TO OVERFILLS. CLEAN UP IS PENDING.

Material:

Site ID:	405565
Operable Unit ID:	1162185
Operable Unit:	01
Material ID:	2153414
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No

COBBLE HILL HEALTH CENTER (Continued) **S109372741**

Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

A3 East < 1/8 0.023 mi. 119 ft. **822 LEXINGTON AVENUE** **UST** **U004129099**
822 LEXINGTON AVENUE **N/A**
BROOKLYN, NY 11221

Site 2 of 3 in cluster A

Relative: Higher

Actual: 54 ft.

UST:
Facility Id: 2-610966
Region: STATE
DEC Region: 2
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 590716.36363000004
UTM Y: 4504948.6849999996

Affiliation Records:
Site Id: 406579
Affiliation Type: Owner
Company Name: COBBLE HILL HEALTH CENTER INC.
Contact Type: ASSOC ADMINISTRATOR
Contact Name: DONNY TUCHMAN
Address1: 380 HENRY STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 855-6789
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 11/13/2008

Site Id: 406579
Affiliation Type: Mail Contact
Company Name: COBBLE HILL HEALTH CENTER INC.
Contact Type: ASSOC ADMINISTRATOR
Contact Name: DONNY TUCHMAN
Address1: 380 HENRY STREET
Address2: Not reported

822 LEXINGTON AVENUE (Continued) **U004129099**

City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 855-6789
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/13/2008

Site Id:	406579
Affiliation Type:	On-Site Operator
Company Name:	822 LEXINGTON AVENUE
Contact Type:	Not reported
Contact Name:	COBBLE HILL HEALTH CENTER INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 855-6789
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/13/2008

Site Id:	406579
Affiliation Type:	Emergency Contact
Company Name:	COBBLE HILL HEALTH CENTER INC.
Contact Type:	Not reported
Contact Name:	DONNY TUCHMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 855-6789
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/13/2008

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

822 LEXINGTON AVENUE (Continued) **U004129099**

L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID:	406579
Tank Number:	001
Tank ID:	226127
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	10000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	11/05/2008
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	11/19/2008

A4
East
< 1/8
0.045 mi.
235 ft.

LEXINGTON AVENUE
881 LEXINGTON AVE
BROOKLYN, NY

NY Spills **S107656927**
N/A

Site 3 of 3 in cluster A

Relative:
Higher

Actual:
54 ft.

SPILLS:

Facility ID:	0513295
DER Facility ID:	309922
Facility Type:	ER
Site ID:	359794
DEC Region:	2
Spill Number:	0513295
Spill Date:	2/17/2006
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	3/10/2006
SWIS:	0301
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2/17/2006
CID:	73
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/21/2006
Spill Record Last Update:	3/10/2006

LEXINGTON AVENUE (Continued) **S107656927**

Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	WAIMAN WONG
Contact Phone:	(718) 595-4783
DEC Memo:	03.10.06 Sharif Rahman- Not found.
Remarks:	TWO 5 GALLON CONTAINERS OF WASTE OIL FOUND. THEY ARE IN A DRUM - NEED TO BE PICKED UP.

Material:

Site ID:	359794
Operable Unit ID:	1116987
Operable Unit:	01
Material ID:	2107453
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

5
South
< 1/8
0.055 mi.
293 ft.

Relative:
Lower

Actual:
51 ft.

RESIDENTS **NY Spills** **S104881167**
814 QUINCY STREET **NY Hist Spills** **N/A**
BROOKLYN, NY

SPILLS:

Facility ID:	0010530
DER Facility ID:	86907
Facility Type:	ER
Site ID:	97598
DEC Region:	2
Spill Number:	0010530
Spill Date:	12/18/2000
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	11/4/2005
SWIS:	2401

RESIDENTS (Continued) **S104881167**

Investigator:	JRSTRANG
Referred To:	Not reported
Reported to Dept:	12/19/2000
CID:	282
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/19/2000
Spill Record Last Update:	11/4/2005
Spiller Name:	N/A
Spiller Company:	ATLANTIC AND PACIFIC OIL
Spiller Address:	CONEY ISLAND AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	DENISE TOBIAS
Contact Phone:	(718) 919-4060
DEC Memo:	11/4/05 - Site visit on 11/3/05, no apparent staining or seeps of oil. Area indicated in report is paved in concrete and appears to have been paved for a number of years.
Remarks:	THE NOZZLE CAME OUT OF THE OIL TANK THE DRIVER WAS NOT WATCHING THE NOZZLE.THEY TRIED TO CLEAN UP THE SPILL BUT HOMEOWNER STATESTHIER IS STILL ON THE GROUND AND THE FUMES ARE OVERWHELMING.COMPLAINT IS AT WORN NOW-718-472-8017.TILL 5PM CALL HER THERE.CALL COMPLAINT AT WORK FOR FURTHER.APPEARS OIL COMPANY DID NOT CALL THIS IN

Material:

Site ID:	97598
Operable Unit ID:	832558
Operable Unit:	01
Material ID:	544425
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

RESIDENTS (Continued) **S104881167**

NY Hist Spills:

Region of Spill:	2
Spill Number:	0010530
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	12/18/2000 16:00
Reported to Dept Date/Time:	12/19/00 15:48
SWIS:	61
Spiller Name:	ATLANTIC AND PACIFIC OIL
Spiller Contact:	N/A
Spiller Phone:	(718) 252-6000
Spiller Contact:	DENISE TOBIAS
Spiller Phone:	(718) 919-4060
Spiller Address:	CONEY ISLAND AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spill Cause:	Equipment Failure
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	07
Spill Notifier:	Affected Persons
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	12/19/00
Date Spill Entered In Computer Data File:	Not reported
Update Date:	01/09/01
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	0
Unkonwn Quantity Spilled:	True
Units:	Gallons
Quantity Recovered:	0

RESIDENTS (Continued) **S104881167**

Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: DEC Sigona performed site investigation and confirmed that some oil was spilled on sidewalk and siding of house near vent pipe. The majority of the oil was cleaned up. There were some odors present. Spoke to oil company who agreed to perform a follow-up cleanup. Homeowner was not completely satisfied with the cleanup. The spill site was covered with snow and ice. Recommend that some cleanup of stain be performed in the Spring after the ice and snow thaws.
Remark: THE NOZZLE CAME OUT OF THE OIL TANK THE DRIVER WAS NOT WATCHING THE NOZZLE.THEY TRIED TO CLEAN UP THE SPILL BUT HOMEOWNER STATES THIER IS STILL ON THE GROUND AND THE FUMES ARE OVERWHELMING. COMPLAINT IS AT WORN NOW-718-472-8017.TILL 5PM CALL HERTHERE. CALL COMPLAINT AT WORK FOR FURTHER.APPEARS OIL COMPANY DID NOT CALL THIS IN

B6 **CONSOLIDATED EDISON** **MANIFEST** **S110046383**
NW **987 GREENE AVE** **N/A**
< 1/8 **BROOKLYN, NY 11221**
0.061 mi.
322 ft. **Site 1 of 3 in cluster B**

Relative:
Higher

Actual:
54 ft.

NY MANIFEST:
EPA ID: NYP004187142
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 2009-08-06
Trans1 Recv Date: 2009-08-06
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2009-08-06
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004187142
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 600.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks

CONSOLIDATED EDISON (Continued) **S110046383**

Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000894838GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2009-08-06
Trans1 Recv Date:	2009-08-06
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-08-06
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004187142
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	600.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000894838GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

B7 NW < 1/8 0.061 mi. 322 ft. | **CON EDISON - MANHOLE 2292**
987 GREENE AVE
BROOKLYN, NY 11221

Site 2 of 3 in cluster B

RCRA-LQG | **1014396450**
NYP004187142

Relative: Higher

Actual: 54 ft.

RCRA-LQG:

Date form received by agency:	03/23/2010
Facility name:	CON EDISON - MANHOLE 2292
Facility address:	987 GREENE AVE BROOKLYN, NY 11221
EPA ID:	NYP004187142
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	FRANKLYN MURRAY
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(212) 460-2808
Contact email:	MURRAYFR@CONED.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/27/2009
Owner/Op end date:	Not reported

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	4 IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/27/2009
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

CON EDISON - MANHOLE 2292 (Continued) **1014396450**

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

Historical Generators:

Date form received by agency:	07/27/2009
Facility name:	CON EDISON - MANHOLE 2292
Site name:	CON EDISON
Classification:	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code:	D008
Waste name:	LEAD

Violation Status: No violations found

B8 **PATCHIN AVE** **NY Spills** **S104193639**
NW **PATCHIN AVE & GREEN AVE** **NY Hist Spills** **N/A**
< 1/8 **BROOKLYN, NY**
0.062 mi.
329 ft. **Site 3 of 3 in cluster B**

Relative:
Higher

Actual:
54 ft.

SPILLS:

Facility ID:	9905403
DER Facility ID:	146840
Facility Type:	ER
Site ID:	174617
DEC Region:	2
Spill Number:	9905403
Spill Date:	8/4/1999
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	12/21/1999
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	8/4/1999
CID:	388
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

PATCHIN AVE (Continued) **S104193639**

Remediation Phase:	0
Date Entered In Computer:	8/4/1999
Spill Record Last Update:	9/14/2006
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	CALLER
Contact Phone:	(718) 595-6777
DEC Memo:	Not reported
Remarks:	caller reports 100 or more gallons of unknown fuel oil on ground.

Material:

Site ID:	174617
Operable Unit ID:	1084009
Operable Unit:	01
Material ID:	301698
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9905403
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	08/04/1999 12:54
Reported to Dept Date/Time:	08/04/99 12:54
SWIS:	61
Spiller Name:	UNKNOWN
Spiller Contact:	Not reported
Spiller Phone:	( ) -

PATCHIN AVE (Continued) **S104193639**

Spiller Contact: CALLER
Spiller Phone: (718) 595-6777
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 12
Spill Notifier: Federal Government
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/21/99
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 08/04/99
Date Spill Entered In Computer Data File: Not reported
Update Date: 12/23/99
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 100
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: REFER TO SPILL NUMBER 9905402.
Remark: caller reports 100 or more gallons of unknown fuel oil on ground.

9 SSW < 1/8 0.068 mi. 358 ft. | **217425; QUINCY AVE AND PATCHEN AVE**
QUINCY AVE AND PATCHEN AVE
BROOKLYN, NY | **NY Spills** | **S110307239**
N/A

Relative: Lower

Actual: 50 ft.

SPILLS:

Facility ID:	0914300
DER Facility ID:	388211
Facility Type:	ER
Site ID:	433281
DEC Region:	2
Spill Number:	0914300
Spill Date:	7/6/2009
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	10/2/2009
SWIS:	2401
Investigator:	DMPOKRZY
Referred To:	Not reported
Reported to Dept:	12/31/2009
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/16/2010
Spill Record Last Update:	4/16/2010
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON
Spiller Address:	5030 BROADWAY
Spiller City,St,Zip:	New York, NY
Spiller Company:	001
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	Not reported
Remarks:	Not reported

Material:

Site ID:	433281
Operable Unit ID:	1184192
Operable Unit:	01
Material ID:	2178410
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

217425; QUINCY AVE AND PATCHEN AVE (Continued) **S110307239**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

C10 West < 1/8 0.081 mi. 430 ft. **FIRST NIGERIAN SEVENTH-DAY ADVENTIST CHURCH** **UST** **U001837155**
811 LEXINGTON AVENUE **HIST UST** **N/A**
BROOKLYN, NY 11221

Site 1 of 4 in cluster C

Relative: Lower

Actual: 52 ft.

UST:

Facility Id:	2-333344
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	590588.81081000005
UTM Y:	4504892.3615899999

Affiliation Records:

Site Id:	15812
Affiliation Type:	Owner
Company Name:	FIRST NIGERIAN SDA CHURCH
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	778 LEXINGTON AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(631) 253-4247
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15812
Affiliation Type:	Mail Contact
Company Name:	PASTOR RICHARD CALHOUN
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	FIRST NIGERIAN SDA CHURCH
Address2:	778 LEXINGTON AVENUE
City:	BROOKLYN
State:	NY
Zip Code:	11221

FIRST NIGERIAN SEVENTH-DAY ADVENTIST CHURCH (Continued) **U001837155**

Country Code:	001
Phone:	(631) 253-4247
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15812
Affiliation Type:	On-Site Operator
Company Name:	FIRST NIGERIAN SEVENTH-DAY ADVENTIST CHURCH
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	15812
Affiliation Type:	Emergency Contact
Company Name:	FIRST NIGERIAN SDA CHURCH
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

F00 - Pipe External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None

Tank Info:

Site ID:	15812

FIRST NIGERIAN SEVENTH-DAY ADVENTIST CHURCH (Continued) **U001837155**

Tank Number:	001
Tank ID:	20763
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	02/02/1999
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	06/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	2-333344
SPDES Number:	Not reported
Emergency Contact:	MR SAMSUNDER MOORLEY
Emergency Telephone:	(718) 297-2908
Operator:	MR F ROTHBERG & MR M KOHL
Operator Telephone:	(718) 453-6770
Owner Name:	MR F ROTHBERG & MR M KOHL
Owner Address:	778 LEXINGTON AVE
Owner City,St,Zip:	BKLYN, NY 11211
Owner Telephone:	(718) 453-6770
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	MR F ROTHBERG & MR M KOHL
Mailing Address:	778 LEXINGTON AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11211
Mailing Contact:	Not reported
Mailing Telephone:	(718) 453-6770
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	811 LEXINGTON AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	MANUFACTURING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	06/29/1995
Expiration Date:	10/02/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing

FIRST NIGERIAN SEVENTH-DAY ADVENTIST CHURCH (Continued) **U001837155**

Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	06/01/1995
Next Test Date:	06/01/2000
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

C11
WSW
< 1/8
0.092 mi.
484 ft.

METAL COLORS CORPORATION **HIST UST** **U003644494**
770 LEXINGTON AVENUE **N/A**
BROOKLYN, NY 11221

Site 2 of 4 in cluster C

Relative:
Lower

Actual:
52 ft.

HIST UST:

PBS Number:	2-479810
SPDES Number:	Not reported
Emergency Contact:	VICTOR GONZALEZ
Emergency Telephone:	(718) 453-5217
Operator:	ACEVEDO, JOSE
Operator Telephone:	(718) 455-5200
Owner Name:	ACEVEDO, JOSE
Owner Address:	155-20 LINDEN BLVD
Owner City,St,Zip:	JAMAICA, NY 11434
Owner Telephone:	(718) 529-2553
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	ACEVEDO, JOSE
Mailing Address:	155-20 LINDEN BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JAMAICA, NY 11434
Mailing Contact:	Not reported

METAL COLORS CORPORATION (Continued) **U003644494**

Mailing Telephone:	(718) 529-2553
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	770 LEXINGTON AVENUE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	12/01/1994
Expiration Date:	02/03/2000
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1101
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19501201
Capacity (gals):	1101
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	FIBERGLASS COATED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	Other
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

C12 WSW < 1/8 0.092 mi. 484 ft. | **METAL COLORS CORPORATION 770 LEXINGTON AVENUE BROOKLYN, NY 11221** | **UST HIST UST MANIFEST** | **U003644415 N/A**

Site 3 of 4 in cluster C

Relative: Lower

Actual: 52 ft.

UST:

Facility Id:	2-479810
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2000/02/03
UTM X:	590575.03665999998
UTM Y:	4504889.90429

Affiliation Records:

Site Id:	21384
Affiliation Type:	Owner
Company Name:	ACEVEDO, JOSE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	155-20 LINDEN BLVD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11434
Country Code:	001
Phone:	(718) 529-2553
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21384
Affiliation Type:	Mail Contact
Company Name:	ACEVEDO, JOSE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	155-20 LINDEN BLVD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11434
Country Code:	001
Phone:	(718) 529-2553
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21384
Affiliation Type:	On-Site Operator
Company Name:	METAL COLORS CORPORATION
Contact Type:	Not reported
Contact Name:	ACEVEDO, JOSE
Address1:	Not reported
Address2:	Not reported

METAL COLORS CORPORATION (Continued) **U003644415**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 455-5200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21384
Affiliation Type:	Emergency Contact
Company Name:	ACEVEDO, JOSE
Contact Type:	Not reported
Contact Name:	VICTOR GONZALEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 453-5217
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
D10 - Pipe Type - Copper
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Site ID:	21384
Tank Number:	001
Tank ID:	38759
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1950
Capacity Gallons:	1101
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT

METAL COLORS CORPORATION (Continued) **U003644415**

Last Modified:	03/04/2004
Site ID:	2264
Tank Number:	001
Tank ID:	3590
Tank Status:	Administratively Closed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	03/28/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Affiliation Records:

Site Id:	2264
Affiliation Type:	Owner
Company Name:	JOSE ACEVEDO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	155-20 LINDEN BLVD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11434
Country Code:	001
Phone:	(718) 322-1731
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	2264
Affiliation Type:	Mail Contact
Company Name:	JOSE ACEVEDO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	155-20 LINDEN BLVD
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11434
Country Code:	001
Phone:	(718) 322-1731
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

METAL COLORS CORPORATION (Continued) **U003644415**

Site Id:	2264
Affiliation Type:	On-Site Operator
Company Name:	METAL COLORS CORP
Contact Type:	Not reported
Contact Name:	JOSE ACEVEDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 445-5200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	2264
Affiliation Type:	Emergency Contact
Company Name:	JOSE ACEVEDO
Contact Type:	Not reported
Contact Name:	JOSE ACEVEDO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 322-1731
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID:	21384
Tank Number:	001
Tank ID:	38759
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1950
Capacity Gallons:	1101
Tightness Test Method:	NN

METAL COLORS CORPORATION (Continued) **U003644415**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	2264
Tank Number:	001
Tank ID:	3590
Tank Status:	Administratively Closed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	03/28/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	2-091103
SPDES Number:	Not reported
Emergency Contact:	JOSE ACEVEDO
Emergency Telephone:	(718) 322-1731
Operator:	JOSE ACEVEDO
Operator Telephone:	(718) 445-5200
Owner Name:	JOSE ACEVEDO
Owner Address:	155-20 LINDEN BLVD
Owner City,St,Zip:	JAMAICA, NY 11434
Owner Telephone:	(718) 322-1731
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	JOSE ACEVEDO
Mailing Address:	155-20 LINDEN BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	JAMAICA, NY 11434
Mailing Contact:	Not reported
Mailing Telephone:	(718) 322-1731
Owner Mark:	First Owner
Facility Status:	3 - Administratively closed (reasons include business is closed and/or mail is undeliverable, and staff cannot check if tanks were removed; or a duplicate registration was generated).
Facility Addr2:	770 LEXINGTON AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported

METAL COLORS CORPORATION (Continued) **U003644415**

Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	02/26/1992
Expiration Date:	03/24/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Undefined
Install Date:	Not reported
Capacity (gals):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Gravity
Date Tested:	Not reported
Next Test Date:	12/27/1987
Missing Data for Tank:	Minor Data Missing
Date Closed:	03/28/2001
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

NY MANIFEST:

EPA ID:	NYR000026047
Country:	USA
Mailing Name:	METALS COLORS CORPORATION
Mailing Contact:	JACKELINE ACEVEDO
Mailing Address:	26 NORTH MALL C-O SOUTH MALL
Mailing Address 2:	Not reported
Mailing City:	PLAINVIEW
Mailing State:	NJ
Mailing Zip:	11803
Mailing Zip4:	Not reported
Mailing Country:	USA

METAL COLORS CORPORATION (Continued) **U003644415**

Mailing Phone: 718-845-7776

NY MANIFEST:
No Manifest Records Available

C13 WSW < 1/8 0.092 mi. 484 ft. **METAL COLORS CORP** **RCRA-NonGen** **1001119317**
770 LEXINGTON AVE **FINDS** **NYR000026047**
BROOKLYN, NY 11221

Site 4 of 4 in cluster C

Relative: Lower

Actual: 52 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	METAL COLORS CORP
Facility address:	770 LEXINGTON AVE BROOKLYN, NY 112212944
EPA ID:	NYR000026047
Mailing address:	NORTH MALL SOUTH MALL ANALYTICAL CO PLAINVIEW, NY 11803
Contact:	Not reported
Contact address:	NORTH MALL PLAINVIEW, NY 11803
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	METAL COLORS CORP
Owner/operator address:	770 LEXINGTON AVE BROOKLYN, NY 11221
Owner/operator country:	US
Owner/operator telephone:	(718) 455-5200
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	METAL COLORS CORP
Owner/operator address:	770 LEXINGTON AVE BROOKLYN, NY 11221
Owner/operator country:	US
Owner/operator telephone:	(718) 455-5200
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

METAL COLORS CORP (Continued) **1001119317**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: METAL COLORS CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: METAL COLORS CORP
Classification: Not a generator, verified

Date form received by agency: 06/28/1996
Facility name: METAL COLORS CORP
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004526228

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

D14 **INTERSECTION OF** **NY Spills** **S107416573**
NE **BROADWAY AND GREENE** **N/A**
< 1/8 **BROOKLYN, NY**
0.094 mi.
498 ft. **Site 1 of 2 in cluster D**

Relative:
Higher

Actual:
57 ft.

SPILLS:
Facility ID: 0509224
DER Facility ID: 304970
Facility Type: ER
Site ID: 354966
DEC Region: 2
Spill Number: 0509224
Spill Date: 11/1/2005
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date: 11/2/2005

INTERSECTION OF (Continued) **S107416573**

SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	11/1/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/1/2005
Spill Record Last Update:	11/2/2005
Spiller Name:	Not reported
Spiller Company:	BUS
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	SHERRY BULKLEY
Contact Phone:	(718) 243-4581
DEC Memo:	minor street spill - closed
Remarks:	MALFUNCTION WITH THE WHEEL CHAIR LIFT: SOME DID GO INTO SEWER

Material:

Site ID:	354966
Operable Unit ID:	1112348
Operable Unit:	01
Material ID:	2102392
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

D15 NE < 1/8 0.094 mi. 498 ft. | **BROADWAY/ GREENE AVE**
BROADWAY/ GREENE AVE
BROOKLYN, NY | **NY Spills** | **S109061540**
N/A

Site 2 of 2 in cluster D

Relative: Higher

Actual: 57 ft.

SPILLS:

Facility ID:	0800222
DER Facility ID:	345448
Facility Type:	ER
Site ID:	395939
DEC Region:	2
Spill Number:	0800222
Spill Date:	4/6/2008
Spill Cause:	Equipment Failure
Spill Class:	Not reported
Spill Closed Date:	4/7/2008
SWIS:	2401
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	4/6/2008
CID:	78
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/7/2008
Spill Record Last Update:	4/9/2008
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	JENNIFER WUOTINEN
Contact Phone:	(646) 252-5777
DEC Memo:	04/07/08- Zhune spoke to NYC Transit(646) 252-5777. She said DEP was notified about the spill. DEP spill #1859587. spill closed
Remarks:	2 quarts spilled. Went into a storm sewer. Broken hose on a bus. Spill was not cleaned as it went into the drain.

Material:

Site ID:	395939
Operable Unit ID:	1152882
Operable Unit:	01
Material ID:	2143654
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

BROADWAY/ GREENE AVE (Continued) **S109061540**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

E16 **WEACTH REALTY INC** **AST** **A100296704**
North **552 VAN BUREN STREET** **N/A**
< 1/8 **BROOKLYN, NY 11221**
0.099 mi.
522 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
57 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608347
Program Type:	PBS
UTM X:	590661.35770000005
UTM Y:	4505106.9331799997
Expiration Date:	2008/02/21

Affiliation Records:

Site Id:	30199
Affiliation Type:	Owner
Company Name:	CHENG, SUE SEN
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	552 VAN BUREN STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(718) 455-2020
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30199
Affiliation Type:	Mail Contact
Company Name:	WEACTH REALTY INC
Contact Type:	Not reported
Contact Name:	CHENG, SUE SEN
Address1:	552 VAN BUREN STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221

WEACTH REALTY INC (Continued) **A100296704**

Country Code:	001
Phone:	(718) 455-2020
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30199
Affiliation Type:	On-Site Operator
Company Name:	WEACTH REALTY INC
Contact Type:	Not reported
Contact Name:	CHENG, SUE SEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 455-2020
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30199
Affiliation Type:	Emergency Contact
Company Name:	CHENG, SUE SEN
Contact Type:	Not reported
Contact Name:	CHENG, SUE SEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 455-2020
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Info:

WEACTH REALTY INC (Continued) **A100296704**

Tank Number:	001
Tank Id:	65063
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

17
NNE
< 1/8
0.101 mi.
535 ft.

NYCDEP **MANIFEST** **1009235629**
VAN BUREN & BROADWAY **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
58 ft.

NY MANIFEST:

EPA ID:	NYP003661014
Country:	USA
Mailing Name:	NYCDEP
Mailing Contact:	WAI MAN WONG
Mailing Address:	59-17 JUNCTION BLVD
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11368
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-595-4784

Document ID:	NYG1613898
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	07/01/2000
Trans1 Recv Date:	07/01/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/05/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP003661014
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYPC4340
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00600
Units:	P - Pounds
Number of Containers:	002
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.

NYCDEP (Continued) **1009235629**

Specific Gravity: 01.00
Year: 2000

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18 NNW < 1/8 0.105 mi. 554 ft.

RODRIGUEZ DRY CLEANERS
19 PATCHEN AVE
BROOKLYN, NY 11221

RCRA-SQG **1004757037**
FINDS **NYD982797326**
MANIFEST
MANIFEST
DRYCLEANERS

Relative: Higher

Actual: 55 ft.

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: RODRIGUEZ DRY CLEANERS
Facility address: 19 PATCHEN AVE
BROOKLYN, NY 11221
EPA ID: NYD982797326
Mailing address: PATCHEN AVE
BROOKLYN, NY 11221
Contact: ANTONIO RODRIGUEZ
Contact address: PATCHEN AVE
BROOKLYN, NY 11221
Contact country: US
Contact telephone: (718) 574-9866
Contact email: Not reported
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: ANTONIO RODRIGUEZ
Owner/operator address: 190 PATCHEN AVE
BROOKLYN, NY 11221
Owner/operator country: US
Owner/operator telephone: (718) 574-9866
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ANTONIO RODRIGUEZ
Owner/operator address: 190 PATCHEN AVE
BROOKLYN, NY 11221
Owner/operator country: US
Owner/operator telephone: (718) 574-9866
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: RODRIGUEZ DRY CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/06/2000
Facility name: RODRIGUEZ DRY CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004435610

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

MANIFEST:
GEN Cert Date: 4/21/2011
Transporter Recpt Date: 4/21/2011
Number Of Containers: 2
Container Type: DF

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Waste Code1:	D007
Waste Code2:	D029
Waste Code3:	D039
Comment:	Not reported
Fee Exempt Code:	Not reported
TSDF Name:	SAFETY KLEEN
TSDF ID:	RID084802842
TSDF Date:	4/29/2011
Transporter 2 Name:	4/29/2011
Transporter 2 ID:	NJD071629976
Manifest Docket Number:	002593794SKS
Waste Description:	TOXIC LIQUIDS ORGANIC NOS
Quantity:	200
WT/Vol Units:	P
Item Number:	1
Transporter Name:	SAFETY KLEEN
Transporter EPA ID:	TXR000050930
GEN Cert Date:	4/21/2011
Transporter Recpt Date:	4/21/2011
Transporter 2 Recpt Date:	4/29/2011
TSDF Recpt Date:	4/29/2011
EPA ID:	NYD982797326
Transporter 2 ID:	NJD071629976

NY MANIFEST:

EPA ID:	NYD982797326
Country:	USA
Mailing Name:	LIZARDO DRY CLNRS
Mailing Contact:	LIZARD MAN
Mailing Address:	19 PATCHEN AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11221
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-574-9866

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	OKD981588791
Generator Ship Date:	2007-10-09
Trans1 Recv Date:	2007-10-09
Trans2 Recv Date:	2007-10-18
TSD Site Recv Date:	2007-10-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	390.0
Units:	P - Pounds

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000074190SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	2009-11-03
Trans1 Recv Date:	2009-11-03
Trans2 Recv Date:	2009-11-05
TSD Site Recv Date:	2009-11-13
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	390.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000333378CEX
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	NYC6208053
Manifest Status:	Not reported

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Trans1 State ID:	SCR000075150
Trans2 State ID:	SCR000074591
Generator Ship Date:	06/15/2000
Trans1 Recv Date:	06/15/2000
Trans2 Recv Date:	06/20/2000
TSD Site Recv Date:	06/23/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYGCF1411
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NYC6053422
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	SCR000074591
Generator Ship Date:	01/31/2000
Trans1 Recv Date:	01/31/2000
Trans2 Recv Date:	02/02/2000
TSD Site Recv Date:	02/04/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	EH2705
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NYC6264268
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	NJD071629976
Generator Ship Date:	10/24/2000
Trans1 Recv Date:	10/24/2000
Trans2 Recv Date:	10/27/2000
TSD Site Recv Date:	10/31/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYCGF1411
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2000

Document ID:	NYC7105061
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	11/25/2003
Trans1 Recv Date:	11/25/2003
Trans2 Recv Date:	12/05/2003
TSD Site Recv Date:	12/08/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY83381JN
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2003

Document ID:	NYC6984033
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	02/19/2003
Trans1 Recv Date:	02/19/2003
Trans2 Recv Date:	02/21/2003
TSD Site Recv Date:	02/24/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NY94885JE
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Specific Gravity:	01.00
Year:	2003

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD000692061
Generator Ship Date:	2008-09-08
Trans1 Recv Date:	2008-09-08
Trans2 Recv Date:	2008-09-16
TSD Site Recv Date:	2008-09-17
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	390.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001388940SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H020

Document ID:	06
Manifest Status:	000106256CEX
Trans1 State ID:	NYD982797326
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-12-06
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Number of Containers:	DF
Container Type:	133
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	000106256CEX
Trans1 State ID:	NYD982797326
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-12-06
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	195
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7759102
Trans1 State ID:	NYD982797326
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD471629976
Part B Recv Date:	2006-05-03
Generator EPA ID:	N
Trans1 EPA ID:	N

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	195
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7759102
Trans1 State ID:	NYD982797326
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD471629976
Part B Recv Date:	2006-05-03
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	133
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	NYC7368287
Manifest Status:	Not reported
Trans1 State ID:	NYC58468J
Trans2 State ID:	NYT14L8D
Generator Ship Date:	11/05/2004
Trans1 Recv Date:	11/05/2004
Trans2 Recv Date:	11/12/2004

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

TSD Site Recv Date:	11/15/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	NYC7212161
Manifest Status:	Not reported
Trans1 State ID:	NY94889JE
Trans2 State ID:	713TY2NJ
Generator Ship Date:	04/21/2004
Trans1 Recv Date:	04/21/2004
Trans2 Recv Date:	04/23/2004
TSD Site Recv Date:	04/26/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	NYC7230701
Manifest Status:	Not reported
Trans1 State ID:	NYAT8011
Trans2 State ID:	NJ132TWA
Generator Ship Date:	07/22/2004
Trans1 Recv Date:	07/22/2004
Trans2 Recv Date:	07/30/2004
TSD Site Recv Date:	08/02/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00133
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	OKD981588791
Generator Ship Date:	10/9/2007
Trans1 Recv Date:	10/9/2007
Trans2 Recv Date:	10/18/2007
TSD Site Recv Date:	10/19/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587364
Waste Code:	Not reported
Quantity:	390
Units:	P - Pounds
Number of Containers:	2
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Year:	2007
Manifest Tracking Num:	000074190SKS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	NYC7487177
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	03/11/2005
Trans1 Recv Date:	03/11/2005

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Trans2 Recv Date:	03/18/2005
TSD Site Recv Date:	03/21/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	NYCAT8305
Trans2 EPA ID:	T17L8D
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NYC7719423
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	MOD055038998
Generator Ship Date:	12/01/2005
Trans1 Recv Date:	12/01/2005
Trans2 Recv Date:	12/07/2005
TSD Site Recv Date:	12/08/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	NYC58468J
Trans2 EPA ID:	FT97610CA
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00133
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	Not reported
Specific Gravity:	01.00
Waste Code:	Not reported
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	NYC7674388

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD000692061
Generator Ship Date:	08/18/2005
Trans1 Recv Date:	08/18/2005
Trans2 Recv Date:	08/25/2005
TSD Site Recv Date:	08/26/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	NY71148JR
Trans2 EPA ID:	S7107
TSDF ID:	OHD980587364
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00390
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NYC5256628
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported
Generator Ship Date:	05/22/1998
Trans1 Recv Date:	05/22/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/29/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982797326
Trans1 EPA ID:	OHD980587364
Trans2 EPA ID:	Not reported
TSDF ID:	NYAP4503
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Click this hyperlink while viewing on your computer to access
26 additional NY_MANIFEST: record(s) in the EDR Site Report.

DRYCLEANERS:

Facility ID:	2-6104-01058
Phone Number:	Not reported
Region:	2
Registration Effective Date:	12/13/2001 14:14:59:983
Inspection Date:	07APR27
Install Date:	Not reported
Drop Shop:	Not reported

RODRIGUEZ DRY CLEANERS (Continued) **1004757037**

Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: PERC DRY CLEANER

F19 **DANIEL HALE WILLIAMS ASSOC** **AST** **U003384972**
South **969 GATES AVE** **HIST AST** **N/A**
< 1/8 **BROOKLYN, NY 11221**
0.106 mi.
558 ft. **Site 1 of 3 in cluster F**

Relative:
Lower

Actual:
49 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-110256
Program Type:	PBS
UTM X:	590717.03052999999
UTM Y:	4504734.1498199999
Expiration Date:	2017/05/07

Affiliation Records:

Site Id:	3362
Affiliation Type:	Owner
Company Name:	DANIEL HALE WILLIAMS ASSOC
Contact Type:	G.P. OFFICER
Contact Name:	N. FRANKEL
Address1:	32 COURT ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 855-0740
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	7/18/2012

Site Id:	3362
Affiliation Type:	Mail Contact
Company Name:	DANIEL HALE WILLIAMS ASSOC
Contact Type:	Not reported
Contact Name:	N. FRANKEL
Address1:	32 COURT ST
Address2:	SUITE 505
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 855-0740
Phone Ext:	Not reported
Email:	STARREALCORP@GMAIL.COM
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	7/18/2012

Site Id:	3362

DANIEL HALE WILLIAMS ASSOC (Continued) **U003384972**

Affiliation Type:	On-Site Operator
Company Name:	DANIEL HALE WILLIAMS ASSOC
Contact Type:	Not reported
Contact Name:	J. YOUNGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 885-2196
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	7/18/2012

Site Id:	3362
Affiliation Type:	Emergency Contact
Company Name:	DANIEL HALE WILLIAMS ASSOC
Contact Type:	Not reported
Contact Name:	STAR REALTY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 260-9296
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	7/18/2012

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Tank Number:	001
Tank Id:	4813
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported

DANIEL HALE WILLIAMS ASSOC (Continued) **U003384972**

Pipe Model:	Not reported
Install Date:	01/01/1974
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMMOLOUG
Last Modified:	07/18/2012

HIST AST:

PBS Number:	2-110256
SWIS Code:	6101
Operator:	CH WALKER
Facility Phone:	(718) 855-0740
Facility Addr2:	969 GATES AVE
Facility Type:	APARTMENT BUILDING
Emergency:	STAR REALTY
Emergency Tel:	(718) 260-9296
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	DANIEL HALE WILLIAMS ASSOC
Owner Address:	32 COURT ST
Owner City,St,Zip:	BROOKLYN, NY 11201
Federal ID:	Not reported
Owner Tel:	(718) 855-0740
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	DANIEL HALE WILLIAMS ASSOC
Mailing Address:	32 COURT ST
Mailing Address 2:	SUITE 505
Mailing City,St,Zip:	BROOKLYN, NY 11201
Mailing Telephone:	(718) 855-0740
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	06/18/1997
Expiration:	05/07/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

DANIEL HALE WILLIAMS ASSOC (Continued) **U003384972**

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	9
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

G20 **GP-UHAB HDFC** **AST** **A100294142**
SSE **940-950 GATES AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11221**
0.107 mi.
564 ft. **Site 1 of 5 in cluster G**

Relative:
Lower

Actual:
50 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-312037
Program Type:	PBS
UTM X:	590761.33930999995
UTM Y:	4504741.6167599997
Expiration Date:	2015/07/19

Affiliation Records:

Site Id:	14324
Affiliation Type:	Mail Contact
Company Name:	WAVECREST MGMT TEAM
Contact Type:	Not reported
Contact Name:	SUSAN CAMERATA
Address1:	87-14 116TH STREET
Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11418
Country Code:	001
Phone:	(212) 479-3300
Phone Ext:	Not reported
Email:	Not reported

GP-UHAB HDFC (Continued) **A100294142**

Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/18/2010

Site Id:	14324
Affiliation Type:	On-Site Operator
Company Name:	940 GATES AVE
Contact Type:	Not reported
Contact Name:	ROBERT FLOWERS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 453-2300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	7/31/2006

Site Id:	14324
Affiliation Type:	Emergency Contact
Company Name:	GP-UHAB HDFC
Contact Type:	Not reported
Contact Name:	DOLORES MORRIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 453-2300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	7/31/2006

Site Id:	14324
Affiliation Type:	Owner
Company Name:	GP-UHAB HDFC
Contact Type:	PRES.
Contact Name:	VANESA PETERSON
Address1:	87-14 116TH STREET
Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11418
Country Code:	001
Phone:	(212) 479-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/18/2010

GP-UHAB HDFC (Continued) **A100294142**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
E01 - Piping Secondary Containment - Diking (Aboveground)
B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle

Tank Info:

Tank Number:	002
Tank Id:	212900
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/09/2006
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	07/31/2006

G21 **GP-UHAB HDFC** **UST** **U004081803**
SSE **940-950 GATES AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11221**
0.107 mi.
564 ft. **Site 2 of 5 in cluster G**

Relative:
Lower

Actual:
50 ft.

UST:

Facility Id:	2-312037
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2015/07/19
UTM X:	590761.33930999995
UTM Y:	4504741.6167599997

Affiliation Records:

GP-UHAB HDFC (Continued) **U004081803**

Site Id:	14324
Affiliation Type:	Mail Contact
Company Name:	WAVECREST MGMT TEAM
Contact Type:	Not reported
Contact Name:	SUSAN CAMERATA
Address1:	87-14 116TH STREET
Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11418
Country Code:	001
Phone:	(212) 479-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/18/2010

Site Id:	14324
Affiliation Type:	On-Site Operator
Company Name:	940 GATES AVE
Contact Type:	Not reported
Contact Name:	ROBERT FLOWERS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 453-2300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	7/31/2006

Site Id:	14324
Affiliation Type:	Emergency Contact
Company Name:	GP-UHAB HDFC
Contact Type:	Not reported
Contact Name:	DOLORES MORRIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 453-2300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	7/31/2006

Site Id:	14324
Affiliation Type:	Owner
Company Name:	GP-UHAB HDFC

GP-UHAB HDFC (Continued) **U004081803**

Contact Type:	PRES.
Contact Name:	VANESA PETERSON
Address1:	87-14 116TH STREET
Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11418
Country Code:	001
Phone:	(212) 479-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	5/18/2010

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
E01 - Piping Secondary Containment - Diking (Aboveground)
B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle

Tank Info:

Site ID:	14324
Tank Number:	001
Tank ID:	18395
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	10000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	03/01/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	07/31/2006

G22 SSE < 1/8 0.107 mi. 564 ft. | **APARTMENT BLDG. 940-950 GATES AVE BROOKLYN, NY** | **LTANKS** | **S106385962 N/A**

Site 3 of 5 in cluster G

Relative: Lower

Actual: 50 ft.

LTANKS:

Site ID:	116075
Spill No:	0400812
Spill Date:	4/23/2004
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	4/17/2006
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JXGRECO
Referred To:	Not reported
Reported to Dept:	4/23/2004
CID:	406
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/23/2004
Spill Record Last Update:	4/17/2006
Spiller Name:	SUSAN CAMERATA
Spiller Company:	WAVECREST MANAGEMENT
Spiller Address:	129-09 26TH AVE. STE 301
Spiller City,St,Zip:	FLUSHING, NY 11354
Spiller County:	001
Spiller Contact:	STEVEN NORMAN
Spiller Phone:	(917) 337-1757
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	101041
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"send TTF ltr5/28/04 TJDclosure report submitted by Protest. Low-level TAGM exceedances noted in laboratory data. Letter mailed requesting additional information: cause of TTF, any remediation performed, status of tank and remedial work plan.8/3/05 Spill transferred to Greco as part of Spills Closure Initiative. Greco contacted Pro-Test, they will send info if available. JDG 8/3/05Pro Test returned call and explained that the building is now owned by a governmental entity and that there are plans to remove the tank and contaminated soil at some point in the future.The new owner is:Gp-Uhab Housing Development Fund Corporation120 Wall StreetNew York NY 10025Allen Blitz is the Uhab contact 212-479-3327 Greco called Mr. Blitz and left a message. JDG 8/5/0511/1/05 Allen Blitz has been replaced Zully Rolan (212-479-3327). Greco faxed info to 212-344-6457 so Zully could assign the correct person.11/1/05 Jeff Ewing (new property contact)212-479-3315 returned call. ProTest is in the field doing work now. He wil have final report sent to me.

APARTMENT BLDG. (Continued) **S106385962**

JDG11/2/05 I was contacted by John Leddy of ProTest. ProTest is currently under contract to replace UST with AST, then do soil excavation of contamination. The work will be done during December. JDG1/04/06 Greco to retain project.02/27/06: John Leddy of ProTest called to say that they were on-site to pull the tank today and it is apparently a major release (there were holes in the tank). They will be excavating soils tomorrow, and will attempt to excavate clean. A temporary AST has been brought in to service the apartment building at the facility. I explained that if they encounter groundwater prior to getting all the conatamination, they will need to install wells. Mr. Leddy said they would likely be there the remainder of the week. JDG3/27/06 Received report from ProTest. The report is data only, with a couple of hand sketches. Contacted Mr. Ewing (212-479-3315 or ewing@UHAB.org) and let him know that the report needs to include more detail, as well as some conclusions. Will send requirements to Mr. Ewing via email.04/13/06: S.Kraszewski called Jeff Ewing to schedule a post-exc site inspection to assess any impacts to the basement based on visual and olfactory evidence. Jeff has contacted the Super, Eugene Flowers (347-706-7089), and has me scheduled to inspect the basement at 1:00PM today.Arrive on-site at 1:05PM, met with building superintendant Eugene Flowers. He directed me first to the excavation area behind the building, where the former 10K tank was. The area was approximately 20 ft wide by 30 ft long, backfilled with a clean sand/gravel mixture; no visual or olfactory evidence of contamination. I asked him about the pipes, he said they were filled and capped off. He mentioned that about 10-15 years ago, the tank was removed for repairs, including the piping which had leaks. Next, I visited the boiler room, which is only several feet below the excavtion ground level and 30 feet horizontally from the excavtion. No visual or olfactory contamination noticed; a very clean boiler room. It is clear that any residual soil contamination is not impacting the building. (see pictures in Edocs) - SK4/13/06 Based on data supplied and upon observations of no noticable impacts, this site appears tobe a candidate for NFA. Greco to contact Mr. Ewing to request a final report in support of closure. JDG4/17/06 Received closure request from Pro Test (UHAB's contractor). Prepared and sent NFA letter. Letter is in E-DOCs. Spill closed. JDG 4/17/05

Remarks: Tank Test Failure. Tank is reg. as an above ground tank in a vault and this is incorrect. Tank is underground.

Material:

Site ID:	116075
Operable Unit ID:	882844
Operable Unit:	01
Material ID:	492050
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

APARTMENT BLDG. (Continued) **S106385962**

Site ID:	116075
Spill Tank Test:	1529190
Tank Number:	1
Tank Size:	10000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

G23 **GATES PATCHEN HOUSING** **HIST UST** **U000402929**
SSE **940-950 GATES AVE** **N/A**
< 1/8 **BKLYN, NY 11221**
0.107 mi.
564 ft. **Site 4 of 5 in cluster G**

Relative:
Lower

Actual:
50 ft.

HIST UST:

PBS Number:	2-312037
SPDES Number:	Not reported
Emergency Contact:	ISAAC HUTCHINSON
Emergency Telephone:	(718) 453-2300
Operator:	RIBERT G. BUCKNE
Operator Telephone:	(718) 773-2294
Owner Name:	GATES PATCHEN HOUSING DFC INC
Owner Address:	201 UTIC AVE
Owner City,St,Zip:	BKLYN, NY 11213
Owner Telephone:	(718) 773-2294
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	GATES PATCHEN HOUSING DFC INC
Mailing Address:	201 UTIC AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11213
Mailing Contact:	ROBERT G BUCKNER
Mailing Telephone:	(718) 773-2294
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	940 GATES AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/04/1997
Expiration Date:	08/17/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	10000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing

GATES PATCHEN HOUSING (Continued) **U000402929**

Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

G24 **940 GATES AVE** **NY Spills** **S102146321**
SSE **940 GATES AVE** **NY Hist Spills** **N/A**
< 1/8 **BROOKLYN, NY**
0.107 mi.
564 ft. **Site 5 of 5 in cluster G**

Relative:
Lower

Actual:
50 ft.

SPILLS:

Facility ID:	9214459
DER Facility ID:	193836
Facility Type:	ER
Site ID:	235333
DEC Region:	2
Spill Number:	9214459
Spill Date:	3/30/1993
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	3/31/1993
SWIS:	2401
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	3/31/1993
CID:	Not reported
Water Affected:	Not reported

940 GATES AVE (Continued) **S102146321**

Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	3/31/1993
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/7/1993
Spill Record Last Update:	9/8/2004
Spiller Name:	Not reported
Spiller Company:	MR. ROBERT BUCKNER
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
Remarks:	RETURN LINE LEAK TO SOIL AREA - SLUT DOWN INMEDIATELY SWITCH MALFUNCTION - CALL BACK - EXCAVATED CONTAM. SOIL AND DRUM WILL RETURN REPAIR LINE.

Material:

Site ID:	235333
Operable Unit ID:	981748
Operable Unit:	01
Material ID:	400665
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9214459
Investigator:	MILLER
Caller Name:	Not reported
Caller Agency:	Not reported

940 GATES AVE (Continued) **S102146321**

Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 03/30/1993 16:30
Reported to Dept Date/Time: 03/31/93 05:50
SWIS: 61
Spiller Name: MR. ROBERT BUCKNER
Spiller Contact: Not reported
Spiller Phone: (718) 723-2294
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 02
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: 03/31/93
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard.
Spill Closed Dt: 03/31/93
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 07/07/93
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Remark: RETURN LINE LEAK TO SOIL AREA - SLUT DOWN INMEDIATELY SWITCH MALFUNCTION - CALL BACK - EXCAVATED CONTAM. SOIL AND DRUM WILL RETURN REPAIR LINE.

25 East < 1/8 0.111 mi. 584 ft. | **TOSCO REFINING 2O63 RALPH AVE BROOKLYN, NY** | **NY Hist Spills** | **S104651650 N/A**

Relative: Higher

Actual: 55 ft.

NY Hist Spills:

Region of Spill:	2
Spill Number:	0000319
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	04/07/2000 14:00
Reported to Dept Date/Time:	04/07/00 16:19
SWIS:	61
Spiller Name:	TOSCO REFINING
Spiller Contact:	STEVE DELIN
Spiller Phone:	(813) 744-5266
Spiller Contact:	STEVE DELIN
Spiller Phone:	(813) 744-5266
Spiller Address:	2063 RALPH AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spill Cause:	Unknown
Reported to Dept:	Groundwater
Water Affected:	Not reported
Spill Source:	05
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Corrective Action Plan Submitted:	/ /
Date Region Sent Summary to Central Office:	/ /
Date Spill Entered In Computer Data File:	04/07/00
Date Spill Entered In Computer Data File:	Not reported
Update Date:	04/10/00
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum

TOSCO REFINING (Continued) **S104651650**

Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. MATERIAL DECTECTED IN MONITORING WHEELS AROUND TANK. FURTHER TESTING AND INVESTIGATION TO BE DONE. NO CALL BACK REQUESTED AT TIME OF CALL.

F26 **MANHOLE #5809** **NY Spills** **S106010114**
SSW **GATES AV & PATCHEN AV** **N/A**
< 1/8 **BROOKLYN, NY**
0.113 mi.
596 ft. **Site 2 of 3 in cluster F**

Relative:
Lower

Actual:
49 ft.

SPILLS:
Facility ID: 0209538
DER Facility ID: 134380
Facility Type: ER
Site ID: 159014
DEC Region: 2
Spill Number: 0209538
Spill Date: 12/16/2002
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date: 8/18/2009
SWIS: 2401
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 12/17/2002
CID: 201
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 12/17/2002
Spill Record Last Update: 8/18/2009
Spiller Name: UNKNOWN
Spiller Company: UNKNOWN
Spiller Address: UNKNOWN
Spiller City,St,Zip: UNKNOWN, NY
Spiller Company: 999
Contact Name: CALLER
Contact Phone: Not reported
DEC Memo: 08/18/09 - See eDocs for Con Ed report detailing cleanup and closure.Prior to Sept, 2004 data translation this spill Lead_DEC

MANHOLE #5809 (Continued) **S106010114**

Field was "RODRIGUEZ"
Remarks: 1 PT OF UNKNOWN OIL ON 300 GLS OF WATER. CLEAN UP PENDING REMOVAL OF VEHICLE OVER STRUCTURE. CON ED # 146382.

Material:
Site ID: 159014
Operable Unit ID: 860820
Operable Unit: 01
Material ID: 512959
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

F27
SSW
< 1/8
0.113 mi.
596 ft.

VAULT # VS5809 **NY Spills** **S106008798**
GATES AVE / PATCHEN AVE **N/A**
BROOKLYN, NY

Site 3 of 3 in cluster F

Relative:
Lower

Actual:
49 ft.

SPILLS:
Facility ID: 0207780
DER Facility ID: 265935
Facility Type: ER
Site ID: 330614
DEC Region: 2
Spill Number: 0207780
Spill Date: 10/27/2002
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date: 2/10/2003
SWIS: 2401
Investigator: AERODRIG
Referred To: Not reported
Reported to Dept: 10/28/2002
CID: 405
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party

VAULT # VS5809 (Continued) **S106008798**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/28/2002
Spill Record Last Update:	2/10/2003
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller Company:	001
Contact Name:	TOM MARCINEK
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"e2mis notes 14577310/27/02=1110HRS WILLIAMS #11235 FOD REPORTS WHILE WORKING ON OPEN AUTO FEEDER 5B28 FOUND APPROX 2-GALLONS OF OIL ON 2-INCHES OF LEAVES IN VS-5809 .IT APPEARS TO BE CONTAINED AT THIS TIME NO SEWERS OR WATERWAYS EFFECTED.NO FIRE OR SMOKE ORPRIVATE PROPERTY INVOLVED.UNIT WAS CONDEMED WILL BE REPLACED.1-SAMPLE TAKEN ENVIR TAG#15142 PLACED.INCIDENT ON 24HRS DEC PROGRAM.CLEANUP PENDING TEST RESULTS.RECORDS SHOW 49PPM 5/7/95UPDATE 10-27-02 1550 HRS CHEM LAB # 02-10094-001 51 PPM LAZ # 04425UPDATE 10/28/02 01:55 HRS. -- R. QUIJIJE OF BROOKLYN ENV. OPS. ON LOCATION WITH OVER 50 TANKER FOR CLEANUP AND REPORTS OILLEAKING FROM BOTTOM OF TRANSFORMER. A NETWORKS CREW WILL BE NEEDED TO MEET TANKER & DRAIN OIL FROM TRANSFORMERBEFORE CLEANUP CAN CONTINUE. AS PER FEEDER CONTROL REP, NETWORKS CREWS ARE ON OTHER JOBS AT THIS TIME, SO THIS WILL NEEDTO BE DONE ON DAY SHIFT. ENV. OPS. O.S. A. WALKER NOTIFIED -- CREW WILL CLOSE DOWN JOB AND SEND TANKER BACK TO ASTORIA.CLEANUP WILL NOT BE COMPLETE PRIOR TO 11:10 HRS, THEREFORE INCIDENT REMOVED FROM 24-HOUR DEMINIMIS PROGRAM. -- W.W. #17344
Remarks:	LEAKING FROM A TRANSFORMER IN THE VAULT - CON ED # 145773 -SPILL IS CONTAINED AND CLEAN UP PENDING NETWORKS CREWS TO DRAIN THE OIL FROM THE TRANSFORMER

Material:

Site ID:	330614
Operable Unit ID:	859366
Operable Unit:	01
Material ID:	514790
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported

VAULT # VS5809 (Continued) **S106008798**

Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

28
WNW
< 1/8
0.120 mi.
631 ft.

957 GREENE AVENUE **AST** **U003395478**
957 GREENE AVENUE **HIST AST** **N/A**
BROOKLYN, NY 11221

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-511390
Program Type:	PBS
UTM X:	590525.19347000006
UTM Y:	4504968.4923200002
Expiration Date:	2016/02/06

Affiliation Records:

Site Id:	21941
Affiliation Type:	Owner
Company Name:	RUSSELL REALTY GROUP LLC
Contact Type:	MANAGING AGENT
Contact Name:	JULIUS NOWAK
Address1:	P.O. BOX 403
Address2:	Not reported
City:	MALVERNE
State:	NY
Zip Code:	11565
Country Code:	001
Phone:	(516) 812-0011
Phone Ext:	Not reported
Email:	ARENREANTIG@OPTONLINE.NET
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	11/30/2010

Site Id:	21941
Affiliation Type:	Mail Contact
Company Name:	RUSSELL REALTY GROUP LLC
Contact Type:	MANAGING AGENT
Contact Name:	JULIUS NOWAK
Address1:	P.O. BOX 403
Address2:	Not reported
City:	MALVERNE
State:	NY
Zip Code:	11565
Country Code:	001
Phone:	(516) 812-0011
Phone Ext:	Not reported
Email:	ARENREANTIG@OPTONLINE.NET
Fax Number:	Not reported

957 GREENE AVENUE (Continued) **U003395478**

Modified By:	BVCAMPBE
Date Last Modified:	11/30/2010

Site Id:	21941
Affiliation Type:	On-Site Operator
Company Name:	957 GREENE AVENUE
Contact Type:	Not reported
Contact Name:	EDDIE SMITH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 443-9407
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/7/2006

Site Id:	21941
Affiliation Type:	Emergency Contact
Company Name:	RUSSELL REALTY GROUP LLC
Contact Type:	Not reported
Contact Name:	JULIUS NOWAK - AGENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 812-0011
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/7/2006

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle

Tank Info:

Tank Number:	001
Tank Id:	39834

957 GREENE AVENUE (Continued) **U003395478**

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	06/01/1968
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	BVCAMPBE
Last Modified:	11/30/2010

HIST AST:

PBS Number:	2-511390
SWIS Code:	6101
Operator:	RENAISSANCE REALTY
Facility Phone:	(718) 443-9407
Facility Addr2:	957 GREENE AVENUE
Facility Type:	APARTMENT BUILDING
Emergency:	JULIUS NOWAK
Emergency Tel:	(516) 608-0737
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	RUSSELL REALTY GROUP
Owner Address:	P.O. BOX 403
Owner City,St,Zip:	MALVERNE, NY 11565
Federal ID:	Not reported
Owner Tel:	(516) 608-0737
Owner Type:	Private Resident
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	RUSSELL REALTY GROUP
Mailing Address:	P.O. BOX 403
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MALVERNE, NY 11565
Mailing Telephone:	(516) 608-0737
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	01/05/2001
Expiration:	02/06/2006
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported

957 GREENE AVENUE (Continued) **U003395478**

Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19680601
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Other
Leak Detection:	0
Overfill Protection:	46
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

E29 **LUCKY SCIENTIFIC FRENCH CLEANERS** **DRYCLEANERS** **S110247176**
North **1203 BROADWAY** **N/A**
< 1/8 **BROOKLYN, NY 11221**
0.120 mi.
635 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
58 ft.

DRYCLEANERS:

Facility ID:	2-6104-00870
Phone Number:	Not reported
Region:	2
Registration Effective Date:	7/16/2003 14:26:54:1
Inspection Date:	09APR16
Install Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	NOT A DRY CLEANER

E30 North < 1/8 0.120 mi. 635 ft. | **LUCKY FRENCH CLEANER**
1203 BROADWAY
BROOKLYN, NY 11221

Site 3 of 3 in cluster E

RCRA-NonGen FINDS | **1000273358 NYD982532947**

Relative: Higher

Actual: 58 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	LUCKY FRENCH CLEANER
Facility address:	1203 BROADWAY BROOKLYN, NY 11221
EPA ID:	NYD982532947
Mailing address:	BROADWAY BROOKLYN, NY 11221
Contact:	Not reported
Contact address:	BROADWAY BROOKLYN, NY 11221
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LUCKYS FRENCH CLEANERS
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	LUCKYS FRENCH CLEANERS
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

LUCKY FRENCH CLEANER (Continued) **1000273358**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: LUCKY FRENCH CLEANER
Classification: Not a generator, verified

Date form received by agency: 04/26/1995
Facility name: LUCKY FRENCH CLEANER
Classification: Not a generator, verified

Date form received by agency: 03/11/1988
Facility name: LUCKY FRENCH CLEANER
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004421965

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

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

H31 **KINGSBORO ALCOHOLISM TREATMENT** **HIST UST** **U003074531**
West **754 LEXINGTON AVENUE** **AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11221** **HIST AST**
0.127 mi.
672 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
53 ft.

HIST UST:
PBS Number: 2-236969
SPDES Number: Not reported
Emergency Contact: A. DOMACASE
Emergency Telephone: (718) 453-3200
Operator: A. DOMACASE
Operator Telephone: (718) 453-3200
Owner Name: NYS OFFICE OF ALCOHOLISM & SUSTANCE ABUSE SERCICES
Owner Address: 1450 WASTREN AVENUE
Owner City,St,Zip: ALBANY, NY 12203
Owner Telephone: (212) 593-7830
Owner Type: State Government
Owner Subtype: NYS Office of Mental Health
Mailing Name: KINGSBORO ALCOHOLISM TREATMENT CENTER
Mailing Address: 754 LEXINTON AVENUE
Mailing Address 2: Not reported

KINGSBORO ALCOHOLISM TREATMENT (Continued) **U003074531**

Mailing City,St,Zip:	BROOKLYN, NY 11221
Mailing Contact:	ANTHONY DOMACARE
Mailing Telephone:	(718) 453-3200
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	Not reported
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	03/11/1998
Expiration Date:	07/20/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	8275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	Not reported
Capacity (gals):	275
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

KINGSBORO ALCOHOLISM TREATMENT (Continued) **U003074531**

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-236969
Program Type:	PBS
UTM X:	590519.94010999997
UTM Y:	4504880.0750799999
Expiration Date:	2017/07/20

Affiliation Records:

Site Id:	8807
Affiliation Type:	Owner
Company Name:	NYS OFFICE OF ALCOHOLISM & SUSTANCE ABUSE SERVICES
Contact Type:	DIRECTOR
Contact Name:	MARIA PASCERI
Address1:	1450 WESTERN AVE.
Address2:	Not reported
City:	ALBANY
State:	NY
Zip Code:	12203
Country Code:	001
Phone:	(212) 593-7830
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	6/18/2012

Site Id:	8807
Affiliation Type:	Mail Contact
Company Name:	KINGSBORO ADDICTION TREATMENT CENTER
Contact Type:	Not reported
Contact Name:	SUPER/FACILITY MANAGER
Address1:	754 LEXINGTON AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221-9005
Country Code:	001
Phone:	(718) 453-3200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/30/2008

Site Id:	8807
Affiliation Type:	On-Site Operator
Company Name:	KINGSBORO ADDICTION TREATMENT CENTER
Contact Type:	Not reported
Contact Name:	M. CAMBRIDGE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

KINGSBORO ALCOHOLISM TREATMENT (Continued) **U003074531**

Country Code:	001
Phone:	(718) 453-3200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/30/2008

Site Id:	8807
Affiliation Type:	Emergency Contact
Company Name:	NYS OFFICE OF ALCOHOLISM & SUSTANCE ABUSE SERVICES
Contact Type:	Not reported
Contact Name:	M. CAMBRIDGE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 453-3200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/30/2008

Equipment Records:

E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
K99 - Spill Prevention - Other
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
F05 - Pipe External Protection - Jacketed
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
D00 - Pipe Type - No Piping
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None

KINGSBORO ALCOHOLISM TREATMENT (Continued) **U003074531**

G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Tank Number:	001
Tank Id:	17226
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	08/01/1993
Capacity Gallons:	8000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CGFREEDM
Last Modified:	06/18/2012

Tank Number:	002
Tank Id:	96021
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	08/01/1993
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CGFREEDM
Last Modified:	06/18/2012

HIST AST:

PBS Number:	2-236969
SWIS Code:	6101
Operator:	A. DOMACASE
Facility Phone:	(718) 453-3200
Facility Addr2:	Not reported
Facility Type:	OTHER
Emergency:	A. DOMACASE
Emergency Tel:	(718) 453-3200
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYS OFFICE OF ALCOHOLISM & SUSTANCE ABUSE SERCICES

KINGSBORO ALCOHOLISM TREATMENT (Continued) **U003074531**

Owner Address:	1450 WASTREN AVENUE
Owner City,St,Zip:	ALBANY, NY 12203
Federal ID:	Not reported
Owner Tel:	(212) 593-7830
Owner Type:	State Government
Owner Subtype:	07
Mailing Contact:	ANTHONY DOMACARE
Mailing Name:	KINGSBORO ALCOHOLISM TREATMENT CENTER
Mailing Address:	754 LEXINTON AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11221
Mailing Telephone:	(718) 453-3200
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/11/1998
Expiration:	07/20/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	8275
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19930801
Capacity (Gal):	8000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	05
Tank Containment:	Vault (w/access)
Leak Detection:	1
Overfill Protection:	2
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True

KINGSBORO ALCOHOLISM TREATMENT (Continued) **U003074531**

SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 002
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 19930801
Capacity (Gal): 275
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 11
Pipe Location: Aboveground
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: Excavation/Tranch Liner
Leak Detection: 00
Overfill Protection: 3
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

H32
West
1/8-1/4
0.127 mi.
672 ft.

KINGSBORO ADDICTION TREATMENT CENTER **UST** **U004077225**
754 LEXINGTON AVENUE **N/A**
BROOKLYN, NY 11221

Site 2 of 2 in cluster H

Relative:
Higher

Actual:
53 ft.

UST:
Facility Id: 2-236969
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2017/07/20
UTM X: 590519.94010999997
UTM Y: 4504880.0750799999

Affiliation Records:
Site Id: 8807
Affiliation Type: Owner
Company Name: NYS OFFICE OF ALCOHOLISM & SUSTANCE ABUSE SERVICES
Contact Type: DIRECTOR
Contact Name: MARIA PASCERI
Address1: 1450 WESTERN AVE.
Address2: Not reported
City: ALBANY
State: NY
Zip Code: 12203

KINGSBORO ADDICTION TREATMENT CENTER (Continued) **U004077225**

Country Code:	001
Phone:	(212) 593-7830
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	6/18/2012

Site Id:	8807
Affiliation Type:	Mail Contact
Company Name:	KINGSBORO ADDICTION TREATMENT CENTER
Contact Type:	Not reported
Contact Name:	SUPER/FACILITY MANAGER
Address1:	754 LEXINGTON AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221-9005
Country Code:	001
Phone:	(718) 453-3200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/30/2008

Site Id:	8807
Affiliation Type:	On-Site Operator
Company Name:	KINGSBORO ADDICTION TREATMENT CENTER
Contact Type:	Not reported
Contact Name:	M. CAMBRIDGE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 453-3200
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/30/2008

Site Id:	8807
Affiliation Type:	Emergency Contact
Company Name:	NYS OFFICE OF ALCOHOLISM & SUSTANCE ABUSE SERVICES
Contact Type:	Not reported
Contact Name:	M. CAMBRIDGE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 453-3200
Phone Ext:	Not reported

KINGSBORO ADDICTION TREATMENT CENTER (Continued) **U004077225**

Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/30/2008

Equipment Records:

E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
K99 - Spill Prevention - Other
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
F05 - Pipe External Protection - Jacketed
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
D00 - Pipe Type - No Piping
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
B01 - Tank External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID:	8807
Tank Number:	002-A
Tank ID:	96391
Tank Status:	Closed Prior to Micro Conversion, 03/91
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel

KINGSBORO ADDICTION TREATMENT CENTER (Continued) **U004077225**

Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

33
East
1/8-1/4
0.133 mi.
704 ft.

ASSOCIATED SUPERMARKET
1291 BROADWAY
BROOKLYN, NY 11221

UST **U004079843**
N/A

Relative:
Higher

Actual:
55 ft.

UST:

Facility Id:	2-608382
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2008/02/25
UTM X:	590873.07602000004
UTM Y:	4505007.9354600003

Affiliation Records:

Site Id:	30234
Affiliation Type:	Owner
Company Name:	BLES BROADWAY FOOD CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1291 BROADWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(718) 443-7913
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30234
Affiliation Type:	Mail Contact
Company Name:	BLES BROADWAY FOOD CORP.
Contact Type:	Not reported
Contact Name:	GARY SCHNEIDERMAN
Address1:	1291 BROADWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(718) 443-7913
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

ASSOCIATED SUPERMARKET (Continued) **U004079843**

Site Id:	30234
Affiliation Type:	On-Site Operator
Company Name:	ASSOCIATED SUPERMARKET
Contact Type:	Not reported
Contact Name:	GARY SCHNEIDERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 443-7913
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30234
Affiliation Type:	Emergency Contact
Company Name:	BLES BROADWAY FOOD CORP.
Contact Type:	Not reported
Contact Name:	HARTLEY FOSTER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 443-7913
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None

Tank Info:

Site ID:	30234
Tank Number:	001
Tank ID:	65102
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported

ASSOCIATED SUPERMARKET (Continued) **U004079843**

Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

34
ESE
1/8-1/4
0.144 mi.
760 ft.

NYPD 81ST PCT **LTANKS** **S102238841**
18 RALPH AV **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
54 ft.

LTANKS:

Site ID:	316281
Spill No:	9513317
Spill Date:	1/23/1996
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/23/1997
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	WEISSMAN
Referred To:	Not reported
Reported to Dept:	1/23/1996
CID:	349
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1/23/1996
Spill Record Last Update:	5/23/1997
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	254993
DEC Memo:	Not reported
Remarks:	in process of removing tank - spill found under dispenser

Material:

Site ID:	316281

NYPD 81ST PCT (Continued) **S102238841**

Operable Unit ID:	1027805
Operable Unit:	01
Material ID:	357047
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9513317
Spill Date:	01/23/1996
Spill Time:	09:30
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	05/23/97
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	WEISSMAN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/23/96
Reported to Department Time:	10:03
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	UNKNOWN

NYPD 81ST PCT (Continued) **S102238841**

Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/23/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/23/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: in process of removing tank - spill found under dispenser

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I35 **1086-1098 LAFAYETTE AVE** **UST** **U004061695**
NW **1086-1098 LAFAYETTE AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.165 mi.
869 ft. **Site 1 of 2 in cluster I**

Relative:
Higher

Actual:
56 ft.

UST:
Facility Id: 2-610322
Region: STATE
DEC Region: 2
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 590530.47774
UTM Y: 4505167.8682899997

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

Affiliation Records:

Site Id:	369875
Affiliation Type:	Owner
Company Name:	RUGGED CROSS, LP
Contact Type:	PRESIDENT OF GENERAL PARTNER
Contact Name:	MARTIN DUNN
Address1:	151 SEVENTH AVENUE, 2ND FL
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 388-9407
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/7/2006

Site Id:	369875
Affiliation Type:	Mail Contact
Company Name:	RUGGED CROSS, LP
Contact Type:	PRESIDENT OF GENERAL PARTNER
Contact Name:	MARTIN DUNN
Address1:	151 SEVENTH AVENUE, 2ND FL
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 388-9407
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/7/2006

Site Id:	369875
Affiliation Type:	On-Site Operator
Company Name:	1086-1098 LAFAYETTE AVE
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/7/2006

Site Id:	369875
Affiliation Type:	Emergency Contact

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

Company Name:	RUGGED CROSS, LP
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	9/7/2006

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
A00 - Tank Internal Protection - None

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
I00 - Overfill - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID:	369875
Tank Number:	01
Tank ID:	213385
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	00
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	02
Tank ID:	213386
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	03
Tank ID:	213387

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	04
Tank ID:	213388
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	05
Tank ID:	213389
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	06
Tank ID:	213390

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	07
Tank ID:	213391
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	08
Tank ID:	213392
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	09
Tank ID:	213393

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	10
Tank ID:	213394
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	11
Tank ID:	213395
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	12
Tank ID:	213396

1086-1098 LAFAYETTE AVE (Continued) **U004061695**

Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	13
Tank ID:	213397
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006
Site ID:	369875
Tank Number:	14
Tank ID:	213398
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	08/28/2006
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	09/07/2006

J36 East 1/8-1/4 0.167 mi. 884 ft. | **AVANTI CLEANING CENTER**
890 QUINCY STREET
BROOKLYN, NY 11221 | **DRYCLEANERS** | **S110245966**
N/A

Site 1 of 2 in cluster J

Relative: Higher

Actual: 54 ft.

DRYCLEANERS:

Facility ID:	2-6104-01008
Phone Number:	Not reported
Region:	2
Registration Effective Date:	N/A
Inspection Date:	11/17/03
Install Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	BOARDED UP

J37 East 1/8-1/4 0.167 mi. 884 ft. | **AVANT CLEANER CENTER**
890 QUINCY ST
BROOKLYN, NY 11221 | **RCRA-NonGen**
FINDS
MANIFEST | **1000321382**
NYD066072919

Site 2 of 2 in cluster J

Relative: Higher

Actual: 54 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	AVANT CLEANER CENTER
Facility address:	890 QUINCY ST BROOKLYN, NY 112213695
EPA ID:	NYD066072919
Mailing address:	QUINCY ST BROOKLYN, NY 11221
Contact:	Not reported
Contact address:	QUINCY ST BROOKLYN, NY 11221
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	UNKNOWN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	UNKNOWN
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private

AVANT CLEANER CENTER (Continued) **1000321382**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: AVANT CLEANER CENTER
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: AVANT CLEANER CENTER
Classification: Not a generator, verified

Date form received by agency: 05/31/1988
Facility name: AVANT CLEANER CENTER
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004364811

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

NY MANIFEST:
EPA ID: NYD066072919
Country: USA
Mailing Name: AVANT CLEANING CTR
Mailing Contact: AVANT CLEANING CTR
Mailing Address: 890 QUINCY STREET-ATTN:
Mailing Address 2: Not reported

AVANT CLEANER CENTER (Continued) **1000321382**

Mailing City:	MAURICE PHILLIPS-BROOKLYN
Mailing State:	NY
Mailing Zip:	11221
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-443-6953

Document ID:	NYC0323739
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900619
Trans1 Recv Date:	900619
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900619
Part A Recv Date:	900828
Part B Recv Date:	900627
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYC0483502
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900925
Trans1 Recv Date:	900925
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900925
Part A Recv Date:	901012
Part B Recv Date:	901002
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYC0438401

AVANT CLEANER CENTER (Continued) **1000321382**

Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	900817
Trans1 Recv Date:	900817
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900817
Part A Recv Date:	900831
Part B Recv Date:	900920
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYC0921071
Manifest Status:	Completed copy
Trans1 State ID:	AP4503NY
Trans2 State ID:	Not reported
Generator Ship Date:	910424
Trans1 Recv Date:	910424
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910424
Part A Recv Date:	910508
Part B Recv Date:	910502
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC2586148
Manifest Status:	Completed copy
Trans1 State ID:	DF2859NY
Trans2 State ID:	Not reported
Generator Ship Date:	931007
Trans1 Recv Date:	931007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931007
Part A Recv Date:	931115
Part B Recv Date:	931020

AVANT CLEANER CENTER (Continued) **1000321382**

Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NYC2661017
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	931104
Trans1 Recv Date:	931104
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	931104
Part A Recv Date:	931214
Part B Recv Date:	931116
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NYC0782065
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	910226
Trans1 Recv Date:	910226
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910226
Part A Recv Date:	910311
Part B Recv Date:	910424
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels

AVANT CLEANER CENTER (Continued) **1000321382**

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC0706252
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	910201
Trans1 Recv Date:	910201
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910201
Part A Recv Date:	910212
Part B Recv Date:	910212
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC0806084
Manifest Status:	Completed copy
Trans1 State ID:	AP4503NY
Trans2 State ID:	Not reported
Generator Ship Date:	910117
Trans1 Recv Date:	910117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910117
Part A Recv Date:	910125
Part B Recv Date:	910124
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1311985
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported

AVANT CLEANER CENTER (Continued) **1000321382**

Generator Ship Date:	911107
Trans1 Recv Date:	911107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911107
Part A Recv Date:	Not reported
Part B Recv Date:	911114
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYA9226629
Manifest Status:	Completed copy
Trans1 State ID:	NYAY9381
Trans2 State ID:	Not reported
Generator Ship Date:	890110
Trans1 Recv Date:	890110
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890110
Part A Recv Date:	890119
Part B Recv Date:	890119
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYC1270012
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	911008
Trans1 Recv Date:	911008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911008
Part A Recv Date:	911017
Part B Recv Date:	911029
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported

AVANT CLEANER CENTER (Continued) **1000321382**

TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1138689
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	910813
Trans1 Recv Date:	910813
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910813
Part A Recv Date:	910823
Part B Recv Date:	910821
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1364545
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	911216
Trans1 Recv Date:	911216
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911216
Part A Recv Date:	Not reported
Part B Recv Date:	911231
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

AVANT CLEANER CENTER (Continued) **1000321382**

Document ID:	NYA9393142
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	AM0252NY
Trans2 State ID:	Not reported
Generator Ship Date:	890331
Trans1 Recv Date:	890331
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890331
Part A Recv Date:	890428
Part B Recv Date:	890411
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYC1571117
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	920421
Trans1 Recv Date:	920421
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920421
Part A Recv Date:	Not reported
Part B Recv Date:	920429
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYA9298282
Manifest Status:	Completed copy
Trans1 State ID:	AM6252(NY
Trans2 State ID:	Not reported
Generator Ship Date:	890207
Trans1 Recv Date:	890207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890207
Part A Recv Date:	890213

AVANT CLEANER CENTER (Continued) **1000321382**

Part B Recv Date:	890213
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYA9485482
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	890524
Trans1 Recv Date:	890524
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890524
Part A Recv Date:	890607
Part B Recv Date:	890602
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYC1686385
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	920619
Trans1 Recv Date:	920619
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920619
Part A Recv Date:	Not reported
Part B Recv Date:	920629
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00060
Units:	P - Pounds
Number of Containers:	001

AVANT CLEANER CENTER (Continued) **1000321382**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1454861
Manifest Status:	Completed copy
Trans1 State ID:	AM6252NY
Trans2 State ID:	Not reported
Generator Ship Date:	920205
Trans1 Recv Date:	920205
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920205
Part A Recv Date:	920221
Part B Recv Date:	920218
Generator EPA ID:	NYD066072919
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Click this hyperlink while viewing on your computer to access
18 additional NY_MANIFEST: record(s) in the EDR Site Report.

K38 **ENGINE CO 222** **HIST LTANKS** **S106703818**
ESE **32 RALPH ST** **N/A**
1/8-1/4 **BROKKLYN, NY**
0.169 mi.
890 ft. **Site 1 of 9 in cluster K**

Relative:
Higher

Actual:
53 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	9703371
Spill Date:	06/18/1997
Spill Time:	09:00
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	KRIMGOLD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported

ENGINE CO 222 (Continued) **S106703818**

Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 06/18/97
Reported to Department Time: 09:14
SWIS: 61
Spiller Contact: ROBERT COLLINS
Spiller Phone: (516) 499-1085
Spiller Extention: Not reported
Spiller Name: ENGINE CO 222
Spiller Address: 32 RALPH ST
Spiller City,St,Zip: BROKKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: ROBERT COLLINS
Facility Phone: (516) 499-1085
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/18/97
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/23/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: TANKS WERE CLOSED IN PLACE AND CALLER IS SHOWING CONTAMINTED SOIL

K39 ESE 1/8-1/4 0.169 mi. 890 ft. | **FDNY ENGINE 222**
32 RALPH AVENUE
BKLN, NY 11221 | **HIST UST** | **U001840019**
N/A

Site 2 of 9 in cluster K

Relative: Higher

Actual: 53 ft.

HIST UST:

PBS Number:	2-357200
SPDES Number:	Not reported
Emergency Contact:	F.D.N.Y.
Emergency Telephone:	(718) 403-1580
Operator:	COMPANY OFFICER
Operator Telephone:	(718) 965-8222
Owner Name:	N Y F D
Owner Address:	9 METRO TECH
Owner City,St,Zip:	BROOKLYN, NY 11201-3857
Owner Telephone:	(718) 999-2094
Owner Type:	Local Government
Owner Subtype:	The City of New York
Mailing Name:	FDNY BUILDING MAINTENANCE DIVISION
Mailing Address:	48-34 35TH STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Contact:	DIRECTOR
Mailing Telephone:	(718) 784-6510
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	32 RALPH AVENUE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/27/1997
Expiration Date:	06/28/1998
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	1000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL

FDNY ENGINE 222 (Continued) **U001840019**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	07/01/1997
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported

FDNY ENGINE 222 (Continued) **U001840019**

Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	Not reported
Overfill Prot:	Not reported
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19991201
Capacity (gals):	1000
Product Stored:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	12
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None

FDNY ENGINE 222 (Continued) **U001840019**

Pipe External:	Jacketed
Second Containment:	Vault (w/access)
Leak Detection:	40
Overfill Prot:	Automatic Shut-Off, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

K40
ESE
1/8-1/4
0.169 mi.
890 ft.

Relative:
Higher

Actual:
53 ft.

FDNY ENGINE 222 **UST** **U004077726**
32 RALPH AVENUE **N/A**
BROOKLYN, NY 11221

Site 3 of 9 in cluster K

UST:

Facility Id:	2-357200
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2013/06/28
UTM X:	590952.47019000002
UTM Y:	4504775.8867199998

Affiliation Records:

Site Id:	17872
Affiliation Type:	Owner
Company Name:	NYC FIRE DEPARTMENT
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	9 METRO TECH
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201-3857
Country Code:	001
Phone:	(718) 999-7900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/3/2012

Site Id:	17872
Affiliation Type:	Mail Contact
Company Name:	NYC FIRE DEPARTMENT
Contact Type:	Not reported
Contact Name:	ASST COMMR JOSEPH M. MASTROPIETRO
Address1:	BUILDINGS MAINTENANCE DIVISION
Address2:	48-34 35TH STREET
City:	LONG ISLAND CITY
State:	NY

FDNY ENGINE 222 (Continued) **U004077726**

Zip Code:	11101
Country Code:	001
Phone:	(718) 784-6510
Phone Ext:	Not reported
Email:	MASTROJ@FDNY.NYC.GOV
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	8/3/2012

Site Id:	17872
Affiliation Type:	On-Site Operator
Company Name:	FDNY ENGINE 222
Contact Type:	Not reported
Contact Name:	COMPANY OFFICER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-8222
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17872
Affiliation Type:	Emergency Contact
Company Name:	N Y F D
Contact Type:	Not reported
Contact Name:	F.D.N.Y.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 999-7900
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/30/2009

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
F05 - Pipe External Protection - Jacketed
I03 - Overfill - Automatic Shut-Off

FDNY ENGINE 222 (Continued) **U004077726**

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
E04 - Piping Secondary Containment - Double-Walled (Underground)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I00 - Overfill - None
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID:	17872
Tank Number:	002
Tank ID:	52620
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	07/01/1997
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT

FDNY ENGINE 222 (Continued) **U004077726**

Last Modified:	03/04/2004
Site ID:	17872
Tank Number:	003
Tank ID:	52621
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	17872
Tank Number:	004
Tank ID:	52622
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	17872
Tank Number:	005
Tank ID:	52623
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT

FDNY ENGINE 222 (Continued) **U004077726**

Last Modified:	03/04/2004
Site ID:	17872
Tank Number:	006
Tank ID:	56519
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/01/1999
Capacity Gallons:	1000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	08/03/2012

K41 **ENGINE CO. 222 FDNY -DDC** **LTANKS** **S100145809**
ESE **32 RALPH AVENUE** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.169 mi.
890 ft. **Site 4 of 9 in cluster K**

Relative:
Higher

Actual:
53 ft.

LTANKS:

Site ID:	98649
Spill No:	9703371
Spill Date:	6/18/1997
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/9/2002
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	6/18/1997
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/18/1997
Spill Record Last Update:	1/7/2005
Spiller Name:	ROBERT COLLINS
Spiller Company:	ENGINE CO 222
Spiller Address:	32 RALPH AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	ROBERT COLLINS

ENGINE CO. 222 FDNY -DDC (Continued) **S100145809**

Spiller Phone:	(516) 499-1085
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	87741
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"Contaminated soil was removed. GW was not affected. (See file for more info.)
Remarks:	TANKS WERE CLOSED IN PLACE AND CALLER IS SHOWING CONTAMINTED SOIL

Material:

Site ID:	98649
Operable Unit ID:	1049377
Operable Unit:	01
Material ID:	556342
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	197634
Spill No:	8910005
Spill Date:	1/18/1990
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/9/2002
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1/18/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported

ENGINE CO. 222 FDNY -DDC (Continued) **S100145809**

Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1/23/1990
Spill Record Last Update:	7/9/2002
Spiller Name:	Not reported
Spiller Company:	NYCFD
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	87741
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"See Spill# 9703371.
Remarks:	UNKNOWN TEST METHOD, SYSTEM DID NOT HOLD AIR PRESSURE, WILL EXCAVATE &LOCATE PROBLEM.

Material:

Site ID:	197634
Operable Unit ID:	937027
Operable Unit:	01
Material ID:	443137
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	197634
Spill Tank Test:	1536697
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8910005
Spill Date:	01/18/1990
Spill Time:	14:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported

ENGINE CO. 222 FDNY -DDC (Continued) **S100145809**

Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	ZHITOMIRSKY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/18/90
Reported to Department Time:	16:43
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYCFD
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/23/90
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	10/14/97
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False
Units:	Pounds
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False

ENGINE CO. 222 FDNY -DDC (Continued) **S100145809**

Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: UNKNOWN TEST METHOD, SYSTEM DID NOT HOLD AIR PRESSURE, WILL EXCAVATE LOCATE PROBLEM.

K42
ESE
1/8-1/4
0.169 mi.
890 ft.

NYC FIRE DEPT ENGINE CO 222 **RCRA-NonGen** **1001197485**
32 RALPH AVE **FINDS** **NYR000040402**
BROOKLYN, NY 11221

Site 5 of 9 in cluster K

Relative:
Higher

Actual:
53 ft.

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: NYC FIRE DEPT ENGINE CO 222
Facility address: 32 RALPH AVE
BROOKLYN, NY 112213607
EPA ID: NYR000040402
Mailing address: RALPH AVE
BROOKLYN, NY 11236
Contact: Not reported
Contact address: RALPH AVE
BROOKLYN, NY 11236
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYC FIRE DEPT
Owner/operator address: 32 RALPH AVE
BROOKLYN, NY 11236
Owner/operator country: US
Owner/operator telephone: (718) 965-8222
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC FIRE DEPT
Owner/operator address: 32 RALPH AVE
BROOKLYN, NY 11236
Owner/operator country: US
Owner/operator telephone: (718) 965-8222
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

NYC FIRE DEPT ENGINE CO 222 (Continued) **1001197485**

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

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYC FIRE DEPT ENGINE CO 222
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NYC FIRE DEPT ENGINE CO 222
Classification: Not a generator, verified

Date form received by agency: 06/04/1997
Facility name: NYC FIRE DEPT ENGINE CO 222
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004534870

Environmental Interest/Information System

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

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

I43 **1081 LAFAYETTE AVE** **LTANKS** **S102662704**
NW **1081 LAFAYETTE AVE** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.172 mi.
909 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
56 ft.

LTANKS:

Site ID:	226931
Spill No:	9609628
Spill Date:	11/1/1996
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/1/1996
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	11/1/1996
CID:	322
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/1/1996
Spill Record Last Update:	11/19/1996
Spiller Name:	Not reported
Spiller Company:	WHALECO
Spiller Address:	1 COFFEY ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	RICHARDS
Spiller Phone:	(516) 581-7404
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	187300
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	TANK WAS ALREADY FULL AND THE DRIVER TRIED TO ADD FUEL - SPILLCREW ON WAY TO CLEAN

Material:

Site ID:	226931
Operable Unit ID:	1037603
Operable Unit:	01
Material ID:	345356
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

1081 LAFAYETTE AVE (Continued) **S102662704**

Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9609628
Spill Date: 11/01/1996
Spill Time: 09:35
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 11/01/96
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: MARTINKAT
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 11/01/96
Reported to Department Time: 10:19
SWIS: 61
Spiller Contact: RICHARDS
Spiller Phone: (516) 581-7404
Spiller Extention: Not reported
Spiller Name: WHALECO
Spiller Address: 1 COFFEY ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /

1081 LAFAYETTE AVE (Continued) **S102662704**

Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 11/01/96
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 11/19/96
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 5
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK WAS ALREADY FULL AND THE DRIVER TRIED TO ADD FUEL - SPILL CREW ON WAY TO CLEAN

K44 **NORM MIKE CONTRACTORS INC** **RCRA-NonGen** **1000294262**
ESE **992 GATES AVENUE** **FINDS** **NYD074351248**
1/8-1/4 **BROOKLYN, NY 11221**
0.173 mi.
914 ft. **Site 6 of 9 in cluster K**

Relative:
Higher

Actual:
53 ft.

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: NORM MIKE CONTRACTORS INC
Facility address: 992 GATES AVE
BROOKLYN, NY 11221
EPA ID: NYD074351248
Mailing address: GATES AVE
BROOKLYN, NY 11221
Contact: NORMAN PICKETT
Contact address: GATES AVE
BROOKLYN, NY 11221
Contact country: US
Contact telephone: (718) 499-9070
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

NORM MIKE CONTRACTORS INC (Continued) **1000294262**

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	NORM MIKE CONTRACTORS INC
Classification:	Not a generator, verified

Date form received by agency:	07/08/1980
Facility name:	NORM MIKE CONTRACTORS INC
Classification:	Unverified

Violation Status: No violations found

FINDS:

Registry ID: 110001593623

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the

NORM MIKE CONTRACTORS INC (Continued) **1000294262**

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

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

K45 **GOOD SAMARITAN DCC** **UST** **U004046977**
ESE **992 GATES AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11221**
0.173 mi.
914 ft. **Site 7 of 9 in cluster K**

Relative:
Higher

Actual:
53 ft.

UST:

Facility Id:	2-608457
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	590927.73866000003
UTM Y:	4504815.8685699999

Affiliation Records:

Site Id:	30309
Affiliation Type:	Owner
Company Name:	992 GATES AVENUE CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	992 GATES AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(917) 279-4438
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30309
Affiliation Type:	Mail Contact
Company Name:	992 GATES AVENUE CORP
Contact Type:	Not reported
Contact Name:	ROMLES GIBBS

GOOD SAMARITAN DCC (Continued) **U004046977**

Address1:	992 GATES AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(917) 279-4438
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30309
Affiliation Type:	On-Site Operator
Company Name:	GOOD SAMARITAN DCC
Contact Type:	Not reported
Contact Name:	GOOD SAMARITAN DCC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 443-6463
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	30309
Affiliation Type:	Emergency Contact
Company Name:	992 GATES AVENUE CORP
Contact Type:	Not reported
Contact Name:	ROMLES GIBBS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 279-4438
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
I02 - Overfill - High Level Alarm

GOOD SAMARITAN DCC (Continued) **U004046977**

F00 - Pipe External Protection - None

Tank Info:

Site ID:	30309
Tank Number:	1
Tank ID:	65192
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	01/01/1996
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

K46 **NU LYNN CLEANERS** **RCRA-NonGen** **1000293676**
ESE **36A RALPH AVE** **FINDS** **NYD982275208**
1/8-1/4 **BROOKLYN, NY 11221**
0.175 mi.
923 ft. **Site 8 of 9 in cluster K**

Relative:
Higher

Actual:
53 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	NU LYNN CLEANERS
Facility address:	36A RALPH AVE BROOKLYN, NY 112213635
EPA ID:	NYD982275208
Mailing address:	RALPH AVE BROOKLYN, NY 11221
Contact:	Not reported
Contact address:	RALPH AVE BROOKLYN, NY 11221
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	EULYSES DIXON
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	EULYSES DIXON

NU LYNN CLEANERS (Continued) **1000293676**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NU LYNN CLEANERS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: NU LYNN CLEANERS
Classification: Not a generator, verified

Date form received by agency: 09/17/1987
Facility name: NU LYNN CLEANERS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004418461

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

47 West 1/8-1/4 0.176 mi. 928 ft. | **931 GREENE AVE**
931 GREENE AVE
BROOKLYN, NY | **LTANKS** | **S106000101**
N/A

Relative: Higher

Actual: 54 ft.

LTANKS:

Site ID:	214238
Spill No:	0307063
Spill Date:	10/4/2003
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	11/21/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	10/4/2003
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/4/2003
Spill Record Last Update:	9/14/2006
Spiller Name:	Not reported
Spiller Company:	BOROUGH FUELS
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	MR HARDEY
Spiller Phone:	(718) 443-9134
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	177497
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"10/4/03 1900 Hrs Sawyer - I went to the location and found that Satewide Environmental had already cleaned up the spill.10/6/03 0930 Hrs - Sawyer - Lisa Hauer called me to ask if there were any areas that were not cleaned to DEC standards. I pointed out the piping area and under a table saw were not cleaned. She said the men she sent out today would take care ot these areas and finish the job. I will call for confirmation from the residents. 11/13/03 1218 Hrs - Sawyer - I received end-point samples and a chain of custody from Action-Borough, who was contracted by Tri-State to do the work. Closed Not reported
Remarks:	cleanup by tri-state enviro.

Material:

Site ID:	214238
Operable Unit ID:	875828
Operable Unit:	01
Material ID:	500646

931 GREENE AVE (Continued) **S106000101**

Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

48
NE
1/8-1/4
0.182 mi.
961 ft.

1075 GREENE AVE **AST** **A100304618**
1075 GREENE AVENUE **N/A**
BROOKLYN, NY 11221

Relative:
Higher

Actual:
57 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-600917
Program Type:	PBS
UTM X:	590901.90486000001
UTM Y:	4505144.7408400001
Expiration Date:	2015/08/02

Affiliation Records:

Site Id:	22888
Affiliation Type:	Mail Contact
Company Name:	1073 GREENE, LLC
Contact Type:	MEMBER
Contact Name:	MAX STARK
Address1:	PO BOX 322
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 349-8067
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/19/2007

1075 GREENE AVE (Continued) **A100304618**

Site Id:	22888
Affiliation Type:	On-Site Operator
Company Name:	1075 GREENE AVE
Contact Type:	Not reported
Contact Name:	SHELDON DOTTIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 809-4958
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/27/2010

Site Id:	22888
Affiliation Type:	Emergency Contact
Company Name:	1073 GREENE, LLC
Contact Type:	Not reported
Contact Name:	ABE BERNAT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 586-5719
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/27/2010

Site Id:	22888
Affiliation Type:	Owner
Company Name:	1073 GREENE, LLC
Contact Type:	MEMBER
Contact Name:	MAX STARK
Address1:	331 RUTLEDGE ST. #208
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 349-8067
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	8/27/2010

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None

1075 GREENE AVE (Continued) **A100304618**

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Info:

Tank Number:	001
Tank Id:	44594
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/10/2002
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CGFREEDM
Last Modified:	08/27/2010

L49 **NYC DEPT OF ED - PUBLIC SCHOOL 309K** **RCRA-SQG** **1014399563**
SE **794 MONROE ST** **NYR000176529**
1/8-1/4 **BROOKLYN, NY 11221**
0.183 mi.
967 ft. **Site 1 of 2 in cluster L**

Relative:
Lower

Actual:
51 ft.

RCRA-SQG:

Date form received by agency:	07/20/2010
Facility name:	NYC DEPT OF ED - PUBLIC SCHOOL 309K
Facility address:	794 MONROE ST BROOKLYN, NY 11221
EPA ID:	NYR000176529
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 1110
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 1110
Contact country:	US
Contact telephone:	(718) 472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

NYC DEPT OF ED - PUBLIC SCHOOL 309K (Continued) **1014399563**

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF SCHOOL FACILITIES
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	02/19/1970
Owner/Op end date:	Not reported

Owner/operator name:	NYC DEPT OF EDUCATION
Owner/operator address:	THOMSON AV E
	LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 752-8501
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	02/19/1970
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

Waste code:	B007
Waste name:	B007

Violation Status:	No violations found

L50 **P S 309** **AST** **U003394236**
SE **794 MONROE ST** **HIST AST** **N/A**
1/8-1/4 **BKLN, NY 11221**
0.183 mi.
967 ft. **Site 2 of 2 in cluster L**

Relative:
Lower

Actual:
51 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-354651
Program Type:	PBS
UTM X:	590945.82333000004

P S 309 (Continued) **U003394236**

UTM Y:	4504685.0637400001
Expiration Date:	2013/06/28

Affiliation Records:

Site Id:	17643
Affiliation Type:	Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	JAMES A. MERLO
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	GDBREEN
Date Last Modified:	10/1/2012

Site Id:	17643
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	JAMES A. MERLO
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/2/2008

Site Id:	17643
Affiliation Type:	On-Site Operator
Company Name:	PUBLIC SCHOOL 309 - BROOKLYN
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/19/2008

P S 309 (Continued) **U003394236**

Site Id:	17643
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	GDBREEN
Date Last Modified:	10/1/2012

Equipment Records:

H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
L00 - Piping Leak Detection - None
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction
A00 - Tank Internal Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
G02 - Tank Secondary Containment - Vault (w/access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Info:

Tank Number:	001
Tank Id:	34540
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1963
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported

P S 309 (Continued) **U003394236**

Register:	True
Modified By:	dxliving
Last Modified:	05/19/2008

Tank Number:	002
Tank Id:	34541
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1963
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	05/19/2008

HIST AST:

PBS Number:	2-354651
SWIS Code:	6101
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	794 MONROE ST
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/02/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported

P S 309 (Continued) **U003394236**

Total Capacity:	15000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	7500
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	7500
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction

P S 309 (Continued) **U003394236**

Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

K51 **45 RALPH AVENUE** **LTANKS** **S102672564**
SE **45 RALPH AVENUE** **HIST LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.186 mi.
981 ft. **Site 9 of 9 in cluster K**

Relative:
Lower

Actual:
52 ft.

LTANKS:

Site ID:	292197
Spill No:	9405983
Spill Date:	8/2/1994
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	8/2/1994
Facility Addr2:	Not reported
Cleanup Ceased:	8/2/1994
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	8/2/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/19/1994
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	BAERENKLAU
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	236572
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	CLEANING UP WITH SPEEDY DRY

Material:

Site ID:	292197

45 RALPH AVENUE (Continued) **S102672564**

Operable Unit ID:	1000242
Operable Unit:	01
Material ID:	382550
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9405983
Spill Date:	08/02/1994
Spill Time:	12:15
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	08/02/94
Cleanup Ceased:	08/02/94
Cleanup Meets Standard:	True
Investigator:	MARTINKAT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	08/02/94
Reported to Department Time:	12:34
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	BAERENKLAU

45 RALPH AVENUE (Continued) **S102672564**

Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 647-4200
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/19/94
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: CLEANING UP WITH SPEEDY DRY

52
WSW
1/8-1/4
0.204 mi.
1075 ft.

D U DRY CLEANERS
125 MALCOLM X BLVD
BROOKLYN, NY 11223

RCRA-NonGen **1000111207**
FINDS **NYD982188872**
MANIFEST

Relative:
Higher

Actual:
55 ft.

RCRA-NonGen:
Date form received by agency: 01/01/2007
Facility name: D U DRY CLEANERS
Facility address: 125 MALCOLM X BLVD
BROOKLYN, NY 11223
EPA ID: NYD982188872
Mailing address: MALCOLM X BLVD
BROOKLYN, NY 11223
Contact: Not reported

D U DRY CLEANERS (Continued) **1000111207**

Contact address: MALCOLM X BLVD
BROOKLYN, NY 11223
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WILLIAM ROBINSON
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WILLIAM ROBINSON
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: D U DRY CLEANERS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: D U DRY CLEANERS
Classification: Not a generator, verified

D U DRY CLEANERS (Continued) **1000111207**

Date form received by agency: 06/29/1987
Facility name: D U DRY CLEANERS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004416668

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

NY MANIFEST:
EPA ID: NYD982188872
Country: USA
Mailing Name: D & V DRY CLNRS
Mailing Contact: D & V DRY CLNRS
Mailing Address: 125 MALCOLM X BLVD
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11223
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-455-3735

Document ID: NYA8714204
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NY16549GW
Trans2 State ID: Not reported
Generator Ship Date: 880304
Trans1 Recv Date: 880304
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880304
Part A Recv Date: 880427
Part B Recv Date: 880315
Generator EPA ID: NYD982188872
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

53 NNW 1/8-1/4 0.205 mi. 1085 ft. | **MTA NYCT - KOSCIUSKO ST STATION J-LINE**
KOSCIUSKO ST & BROADWAY
BROOKLYN, NY 11221 | **RCRA-NonGen FINDS** | **1004761236 NYR000082123**

Relative: Higher

Actual: 56 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	MTA NYCT - KOSCIUSKO ST STATION J-LINE
Facility address:	KOSCIUSKO ST & BROADWAY BROOKLYN, NY 11221
EPA ID:	NYR000082123
Mailing address:	BROADWAY 3RD FLOOR NEW YORK, NY 10004
Contact:	WILLIAM JEHLE
Contact address:	BROADWAY 3RD FLOOR NEW YORK, NY 10004
Contact country:	US
Contact telephone:	(646) 252-3500
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MTA NEW YORK CITY TRANSIT
Owner/operator address:	2 BROADWAY 3RD FLOOR NEW YORK, NY 10004
Owner/operator country:	US
Owner/operator telephone:	(646) 252-3500
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MTA NEW YORK CITY TRANSIT
Owner/operator address:	2 BROADWAY 3RD FLOOR NEW YORK, NY 10004
Owner/operator country:	US
Owner/operator telephone:	(646) 252-3500
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

MTA NYCT - KOSCIUSKO ST STATION J-LINE (Continued) **1004761236**

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

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MTA NYCT - KOSCIUSKO ST STATION J-LINE
Classification: Not a generator, verified

Date form received by agency: 05/03/2000
Facility name: MTA NYCT - KOSCIUSKO ST STATION J-LINE
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110008111417

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

54
NW
1/8-1/4
0.208 mi.
1096 ft.

1050 LAFAYETTE AVE. CORP. **UST** **U004078693**
1050 LAFAYETTE AVE **N/A**
BROOKLYN, NY 11221

Relative:
Higher

Actual:
56 ft.

UST:
Facility Id: 2-609616
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 2014/06/17
UTM X: 590410.36667000002
UTM Y: 4505149.0587600004

Affiliation Records:
Site Id: 55700
Affiliation Type: Owner
Company Name: 1050 LAFAYETTE AVE. CORP.
Contact Type: PRESIDENT
Contact Name: ROSE MONACO-PRES.
Address1: 133-33 130 STREET
Address2: Not reported
City: SOUTH OZONE PARK
State: NY
Zip Code: 11420
Country Code: 001
Phone: (718) 529-2644
Phone Ext: Not reported

1050 LAFAYETTE AVE. CORP. (Continued) **U004078693**

Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	6/17/2004

Site Id:	55700
Affiliation Type:	Mail Contact
Company Name:	1050 LAFAYETTE AVE. CORP.
Contact Type:	Not reported
Contact Name:	ROSE MONACO
Address1:	133-33 130 STREET
Address2:	Not reported
City:	SOUTH OZONE PARK
State:	NY
Zip Code:	11420
Country Code:	001
Phone:	(718) 529-2644
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	6/17/2004

Site Id:	55700
Affiliation Type:	On-Site Operator
Company Name:	1050 LAFAYETTE AVE. CORP.
Contact Type:	Not reported
Contact Name:	ROSE MONACO FOR SANT MONACO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 529-2644
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	6/17/2004

Site Id:	55700
Affiliation Type:	Emergency Contact
Company Name:	1050 LAFAYETTE AVE. CORP.
Contact Type:	Not reported
Contact Name:	ROCCO SAPIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 529-1188
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	kxtang

1050 LAFAYETTE AVE. CORP. (Continued) **U004078693**

Date Last Modified: 6/17/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Info:

Site ID:	55700
Tank Number:	001
Tank ID:	179166
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	09/25/1964
Capacity Gallons:	2500
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	6
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	06/04/2009

---

55 WNW 1/8-1/4 0.220 mi. 1160 ft. | **CON EDISON 71 MALCOLM X BLVD BROOKLYN, NY 11221** | **RCRA-CESQG** | **1014396449 NYP004187134**

Relative: Higher

Actual: 55 ft.

RCRA-CESQG:

Date form received by agency:	07/27/2009
Facility name:	CON EDISON
Facility address:	71 MALCOLM X BLVD BROOKLYN, NY 11221
EPA ID:	NYP004187134
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	CAROLINE ISKANDER
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(718) 666-4714
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator

CON EDISON (Continued) **1014396449**

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

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

Violation Status: No violations found

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56 **946 BUSHWICK AVE** **AST** **A100304621**
NE **946 BUSHWICK AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11221**
0.221 mi.
1169 ft.

Relative:
Higher

Actual:
54 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-331147
Program Type:	PBS
UTM X:	590984.43928000005
UTM Y:	4505148.9047699999
Expiration Date:	2015/04/11

Affiliation Records:

Site Id:	15625
Affiliation Type:	Mail Contact
Company Name:	THE BUSHWICK HOUSE, LLC
Contact Type:	MEMBER
Contact Name:	MAX STARK
Address1:	331 RUTLEGE ST # 208
Address2:	Not reported
City:	BROOKLYN

946 BUSHWICK AVE (Continued) **A100304621**

State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 349-8067
Phone Ext:	Not reported
Email:	HILLELPO@YAHOO.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/22/2010

Site Id:	15625
Affiliation Type:	On-Site Operator
Company Name:	946 BUSHWICK AVE
Contact Type:	Not reported
Contact Name:	SHELDON DOTTIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 809-4958
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/22/2010

Site Id:	15625
Affiliation Type:	Emergency Contact
Company Name:	THE BUSHWICK HOUSE, LLC
Contact Type:	Not reported
Contact Name:	HILLY PORGES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 614-6270
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/19/2007

Site Id:	15625
Affiliation Type:	Owner
Company Name:	THE BUSHWICK HOUSE, LLC
Contact Type:	MEMBER
Contact Name:	MAX STARK
Address1:	331 RUTLEGE ST # 208
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001

946 BUSHWICK AVE (Continued) **A100304621**

Phone:	(718) 349-8067
Phone Ext:	Not reported
Email:	HILLELPO@YAHOO.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	6/22/2010

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Tank Number:	001
Tank Id:	20712
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1931
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	06/22/2010

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57 **GOOD COUNSEL SRO RESIDENCE** **UST** **U001839613**
SSE **826 MADISON STREET** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11221**
0.221 mi.
1169 ft.

Relative:
Lower

Actual:
50 ft.

UST:

Facility Id:	2-347787
Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Program Type:	PBS
Expiration Date:	N/A
UTM X:	590897.94039999996
UTM Y:	4504595.6235300004

Affiliation Records:

Site Id:	17056

GOOD COUNSEL SRO RESIDENCE (Continued) **U001839613**

Affiliation Type:	Owner
Company Name:	CARING COMMUNITIES HDFC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	191 JORALEMON STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 722-6000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17056
Affiliation Type:	Mail Contact
Company Name:	PROGRESS OF PEOPLES DEVEL. CORP.
Contact Type:	Not reported
Contact Name:	SUSAN ALBRECHT
Address1:	191 JORALEMON STREET
Address2:	2ND FLOOR
City:	BROOKLYN
State:	NY
Zip Code:	11201
Country Code:	001
Phone:	(718) 722-6042
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17056
Affiliation Type:	On-Site Operator
Company Name:	GOOD COUNSEL SRO RESIDENCE
Contact Type:	Not reported
Contact Name:	CARLTON WATSON BLDG. MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 452-3600
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17056
Affiliation Type:	Emergency Contact
Company Name:	CARING COMMUNITIES HDFC
Contact Type:	Not reported

GOOD COUNSEL SRO RESIDENCE (Continued) **U001839613**

Contact Name:	PATRICK SHELLY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 696-7602
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Site ID:	17056
Tank Number:	001
Tank ID:	33197
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	10/01/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	2-347787
SPDES Number:	Not reported
Emergency Contact:	CHARLES GANLEY
Emergency Telephone:	(917) 866-4480
Operator:	SALOMON
Operator Telephone:	(718) 452-3600
Owner Name:	CARING COMMUNITIES HDFC
Owner Address:	191 JORALEMON STREET
Owner City,St,Zip:	BROOKLYN, NY 11204
Owner Telephone:	(718) 622-6000
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported

GOOD COUNSEL SRO RESIDENCE (Continued) **U001839613**

Mailing Name:	CARING COMMUNITIES HDFC
Mailing Address:	157 GRAHAM_AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11206
Mailing Contact:	Not reported
Mailing Telephone:	(718) 963-3957
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	826 MADISON ST
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	12/21/1998
Expiration Date:	04/19/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Gravity
Date Tested:	10/01/1998
Next Test Date:	10/01/2003
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check

GOOD COUNSEL SRO RESIDENCE (Continued) **U001839613**

Deleted: False
Updated: True
Lat/long: Not reported

58
ENE
1/8-1/4
0.223 mi.
1175 ft.

TANK ROOM - ENCLOSED TTF
40 GROVE ST
BROOKLYN, NY

LTANKS **S109829599**
N/A

Relative:
Higher

Actual:
53 ft.

LTANKS:

Site ID:	417834
Spill No:	0905563
Spill Date:	8/12/2009
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/7/2009
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	8/12/2009
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/12/2009
Spill Record Last Update:	10/7/2009
Spiller Name:	Not reported
Spiller Company:	TANK TEST FAILURE
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	SAME AS ABOVE
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	366974
DEC Memo:	TTF letter sent to:Mr. Joe MohanJonis Realty Co.6 Grace AveGreat Neck, NY 1002109/21/09. Joe Mohan called and ask for extention to complete the job. He expects the report be submitted to DEC at October 21, 2009. JK.10/07/09. J.Krimgold reviewed the letter report submitted by PTC and dated 09/28/09. According to thise report the tank is aboveground encased in concrete, but all piping are exposed aboveground. Tank and pipes were isolated and tested. All components were tight except the vent line. The lone was replaced and the tank system passed the test. No contamination was found during the course of work. Case closed.
Remarks:	Tank test failure. Re-pair re-test.

TANK ROOM - ENCLOSED TTF (Continued) **S109829599**

Material:

Site ID:	417834
Operable Unit ID:	1174042
Operable Unit:	01
Material ID:	2166264
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

59
SW
1/8-1/4
0.223 mi.
1178 ft.

NYNEX **MANIFEST** **1009233750**
GATES AVE/MALCOLM X BLVD **N/A**
BROOKLYN, NY 11201

Relative:
Higher

Actual:
56 ft.

NY MANIFEST:

EPA ID:	NYP000920116
Country:	USA
Mailing Name:	NYNEX
Mailing Contact:	SUSHMITA BISWAS
Mailing Address:	221 EAST 37TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-338-7126

Document ID:	MIA4133658
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	950504
Trans1 Recv Date:	950504
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950515

NYNEX (Continued) **1009233750**

Part A Recv Date:	Not reported
Part B Recv Date:	950526
Generator EPA ID:	NYP000920116
Trans1 EPA ID:	NYD046765574
Trans2 EPA ID:	Not reported
TSDF ID:	MID096963194
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	02000
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	95

M60 **MENORAH HOME AND HOSPITAL** **UST** **U001833525**
NNE **871 BUSHWICK AVENUE** **HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11221**
0.230 mi.
1217 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
59 ft.

UST:

Facility Id:	2-271187
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2007/06/18
UTM X:	590803.83729000005
UTM Y:	4505279.5751099996

Affiliation Records:

Site Id:	11431
Affiliation Type:	Owner
Company Name:	GARY KLEINBERG
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	871 BUSHWICK AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(718) 646-4441
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	1/19/2006

Site Id:	11431
Affiliation Type:	Mail Contact
Company Name:	MENORAH HOME AND HOSPITAL
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	871 BUSHWICK AVENUE
Address2:	Not reported
City:	BROOKLYN

MENORAH HOME AND HOSPITAL (Continued) **U001833525**

State:	NY
Zip Code:	11221
Country Code:	001
Phone:	(718) 443-3000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	11431
Affiliation Type:	On-Site Operator
Company Name:	MENORAH HOME AND HOSPITAL
Contact Type:	Not reported
Contact Name:	GARY KLEINBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 443-3000
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	1/19/2006

Site Id:	11431
Affiliation Type:	Emergency Contact
Company Name:	GARY KLEINBERG
Contact Type:	Not reported
Contact Name:	GARY KLEINBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 646-4441
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	1/19/2006

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B07 - Tank External Protection - Retrofitted Sacrificial Anode
H00 - Tank Leak Detection - None

MENORAH HOME AND HOSPITAL (Continued) **U001833525**

G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
I00 - Overfill - None
I00 - Overfill - None
I00 - Overfill - None
B07 - Tank External Protection - Retrofitted Sacrificial Anode
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Info:

Site ID:	11431
Tank Number:	001
Tank ID:	9083
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1950
Capacity Gallons:	7000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Site ID:	11431
Tank Number:	002
Tank ID:	9084
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1961
Capacity Gallons:	10000
Tightness Test Method:	03
Next Test Date:	05/01/1997
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	05/01/1992
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

MENORAH HOME AND HOSPITAL (Continued) **U001833525**

Site ID:	11431
Tank Number:	003
Tank ID:	9085
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	01/01/1944
Capacity Gallons:	3000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	02/01/1999
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	2-271187
SPDES Number:	Not reported
Emergency Contact:	JANE ROSENTHAL ADMIN
Emergency Telephone:	(718) 443-3000
Operator:	JANE ROSENTHAL ADMIN
Operator Telephone:	(718) 443-3000
Owner Name:	MENORAH HOME AND HOSP
Owner Address:	871 BUSHWICK AVE
Owner City,St,Zip:	BKLYN, NY 11221
Owner Telephone:	(718) 443-3000
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	MENORAH HOME AND HOSP
Mailing Address:	871 BUSHWICK AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BKLYN, NY 11221
Mailing Contact:	JANE ROSENTHAL
Mailing Telephone:	(718) 443-3000
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	871 BUSHWICK AVE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	12/11/1997
Expiration Date:	06/18/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	17000
FAMT:	True

MENORAH HOME AND HOSPITAL (Continued) **U001833525**

Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	19500101
Capacity (gals):	7000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Sacrificial Anode
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	In Service
Install Date:	19610101
Capacity (gals):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/access)
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	05/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing

MENORAH HOME AND HOSPITAL (Continued) **U001833525**

Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19440101
Capacity (gals):	3000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Sacrificial Anode
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	02/01/1999
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

M61 **VERIZON** **RCRA-NonGen** **1014395345**
North **BUSHWICK AVE & HIMROD ST** **NYP000966663**
1/8-1/4 **BROOKLYN, NY 11221**
0.236 mi.
1247 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
59 ft.

RCRA-NonGen:

Date form received by agency:	08/17/2010
Facility name:	VERIZON
Facility address:	BUSHWICK AVE & HIMROD ST BROOKLYN, NY 11221
EPA ID:	NYP000966663
Mailing address:	E 37TH ST 4TH FL NEW YORK, NY 10016
Contact:	BILL IRWIN
Contact address:	E 37TH ST 4TH FL NEW YORK, NY 10016
Contact country:	US
Contact telephone:	(917) 886-4019
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

VERIZON (Continued) **1014395345**

Handler Activities Summary:

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

Violation Status: No violations found

---

62 **12 BLEEKER STREET** **AST** **U003394607**
NE **12 BLEECKER STREET** **HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11221**
0.246 mi.
1301 ft.

Relative:
Higher

Actual:
53 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-466506
Program Type:	PBS
UTM X:	591006.37127
UTM Y:	4505190.5475399997
Expiration Date:	1994/02/15

Affiliation Records:

Site Id:	20249
Affiliation Type:	Owner
Company Name:	NYC HOUSING PRESERV & DEVEL
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2089-2091 ARTHUR AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 295-2178
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	7/10/2009

Site Id:	20249
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING PRESERV & DEVEL
Contact Type:	Not reported
Contact Name:	Not reported

12 BLEEKER STREET (Continued) **U003394607**

Address1:	2089-2091 ARTHUR AVENUE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10457
Country Code:	001
Phone:	(718) 295-2178
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	7/10/2009

Site Id:	20249
Affiliation Type:	On-Site Operator
Company Name:	12 BLEEKER STREET
Contact Type:	Not reported
Contact Name:	NYC HOUSING PRESERV & DEVEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 806-8565
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	20249
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING PRESERV & DEVEL
Contact Type:	Not reported
Contact Name:	LEE KERBEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 636-3015
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)

12 BLEEKER STREET (Continued) **U003394607**

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Tank Number:	001
Tank Id:	36895
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST AST:

PBS Number:	2-466506
SWIS Code:	6101
Operator:	NYC HOUSING PRESERV & DEVEL
Facility Phone:	(212) 806-8565
Facility Addr2:	12 BLEECKER STREET
Facility Type:	Not reported
Emergency:	LEE KERBEL
Emergency Tel:	(718) 636-3015
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYC HOUSING PRESERV & DEVEL
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Federal ID:	Not reported
Owner Tel:	(212) 806-8565
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	NYC HOUSING PRESERV & DEVEL
Mailing Address:	75 MAIDEN LANE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10038
Mailing Telephone:	(212) 806-8565
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	02/15/1989
Expiration:	02/15/1994
Renew Flag:	False

12 BLEEKER STREET (Continued) **U003394607**

Renew Date:	Not reported
Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

---

63 **STUYVESANT GARDENS** **LTANKS** **U002034228**
WSW **875 GATES AVENUE** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11221** **UST**
0.267 mi. **HIST UST**
1411 ft.

Relative:
Higher

Actual:
57 ft.

LTANKS:

Site ID:	108660
Spill No:	9603356
Spill Date:	6/11/1996
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not reported
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False

STUYVESANT GARDENS (Continued) **U002034228**

SWIS:	2401
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	6/11/1996
CID:	322
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	6/11/1996
Spill Record Last Update:	5/29/2012
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	MAHATTAN, NY
Spiller County:	001
Spiller Contact:	MR HILLARD
Spiller Phone:	(718) 453-4900
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	95476
DEC Memo:	12/14/05: This spill transferred from J.Kolleeny to S.Kraszewski.03/23/06: This spill transferred to K.Tang - SK09/23/10: J.Kann - spill transferred from K. Tang to J.Kann.
Remarks:	leak rate -1.9

Material:

Site ID:	108660
Operable Unit ID:	1031095
Operable Unit:	01
Material ID:	349614
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	108660
Spill Tank Test:	1544567
Tank Number:	1
Tank Size:	6000
Test Method:	03
Leak Rate:	1.89999999
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

STUYVESANT GARDENS (Continued) **U002034228**

HIST LTANKS:

Region of Spill:	2
Spill Number:	9603356
Spill Date:	06/11/1996
Spill Time:	19:00
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SACCACIO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	06/11/96
Reported to Department Time:	07:40
SWIS:	61
Spiller Contact:	MR HILLARD
Spiller Phone:	(718) 453-4900
Spiller Extention:	Not reported
Spiller Name:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK
Spiller Cleanup Date:	/ /
Facility Contact:	FRANK OCELLO
Facility Phone:	(212) 306-3229
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-601880
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	06/11/96
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	06/17/96
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	1
Tank Size:	6000
Test Method:	Horner EZ Check
Leak Rate Failed Tank:	1.90

STUYVESANT GARDENS (Continued) **U002034228**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: leak rate -1.9

UST:
Facility Id: 2-601880
Region: STATE
DEC Region: 2
Site Status: Unregulated
Program Type: PBS
Expiration Date: N/A
UTM X: 590355.18539
UTM Y: 4504680.9796399996

Affiliation Records:
Site Id: 23842
Affiliation Type: Owner
Company Name: NYC HOUSING AUTHORITY
Contact Type: FUEL OIL REMEDIATION COORDINATOR
Contact Name: FUEL OIL REMEDIATION COORD.
Address1: 23-02 49TH AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5725
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 9/30/2005

Site Id: 23842
Affiliation Type: Mail Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: LUIS PONCE
Address1: 23-02 49TH AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5725

STUYVESANT GARDENS (Continued) **U002034228**

Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23842
Affiliation Type:	On-Site Operator
Company Name:	STUYVESANT GARDENS
Contact Type:	Not reported
Contact Name:	LUIS PONCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23842
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICE DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/21/2005

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Site ID:	23842
Tank Number:	1

STUYVESANT GARDENS (Continued) **U002034228**

Tank ID:	48195
Tank Status:	Closed - In Place
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	08/01/1972
Capacity Gallons:	6000
Tightness Test Method:	03
Next Test Date:	Not reported
Date Tank Closed:	05/01/2000
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	01/01/1991
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

HIST UST:

PBS Number:	2-601880
SPDES Number:	Not reported
Emergency Contact:	EMERGENCY SERVICE DEPT.
Emergency Telephone:	(718) 289-3940
Operator:	LUIS PONCE
Operator Telephone:	(718) 707-5725
Owner Name:	NYC HOUSING AUTHORITY
Owner Address:	23-02 49TH AVENUE
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Owner Telephone:	(718) 707-5725
Owner Type:	Local Government
Owner Subtype:	51
Mailing Name:	NYC HOUSING AUTHORITY
Mailing Address:	23-02 49TH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Contact:	LUIS PONCE
Mailing Telephone:	(718) 707-5725
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	835 LEXINGTON AVENUE (MNAGEMENT OFFICE)
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	APARTMENT BUILDING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	08/25/2000
Expiration Date:	06/02/2004
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False

STUYVESANT GARDENS (Continued) **U002034228**

CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	19720801
Capacity (gals):	6000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	01/01/1991
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	05/01/2000
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

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64 **23 HIMROD ST** **LTANKS** **S106703620**
NNE **23 HIMROD ST** **HIST LTANKS** **N/A**
1/4-1/2 **BKLYN, NY**
0.283 mi.
1495 ft.

Relative:
Higher

Actual:
59 ft.

LTANKS:

Site ID:	301013
Spill No:	9202073
Spill Date:	5/20/1992
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/20/1992
Facility Addr2:	Not reported
Cleanup Ceased:	5/20/1992
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	5/20/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

23 HIMROD ST (Continued) **S106703620**

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/27/1992
Spill Record Last Update:	6/8/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	243437
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	SORBENT APPLIED.

Material:

Site ID:	301013
Operable Unit ID:	966164
Operable Unit:	01
Material ID:	413349
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	301013
Spill No:	9202073
Spill Date:	5/20/1992
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/20/1992
Facility Addr2:	Not reported

23 HIMROD ST (Continued) **S106703620**

Cleanup Ceased:	5/20/1992
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	5/20/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/27/1992
Spill Record Last Update:	6/8/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	243437
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	SORBENT APPLIED.

Material:

Site ID:	301013
Operable Unit ID:	966164
Operable Unit:	01
Material ID:	413349
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

23 HIMROD ST (Continued) **S106703620**

Site ID:	301013
Spill No:	9202073
Spill Date:	5/20/1992
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	5/20/1992
Facility Addr2:	Not reported
Cleanup Ceased:	5/20/1992
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	5/20/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/27/1992
Spill Record Last Update:	6/8/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	243437
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	SORBENT APPLIED.

Material:

Site ID:	301013
Operable Unit ID:	966164
Operable Unit:	01
Material ID:	413349
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported

23 HIMROD ST (Continued) **S106703620**

Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9202073
Spill Date:	05/20/1992
Spill Time:	10:15
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	05/20/92
Cleanup Ceased:	05/20/92
Cleanup Meets Standard:	True
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/20/92
Reported to Department Time:	10:58
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	05/27/92
Time Spill Entered In Computer Data File:	Not reported

23 HIMROD ST (Continued) **S106703620**

Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: SORBENT APPLIED.

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65 NW 1/4-1/2 0.320 mi. 1690 ft.

1103-1106 DEKALB AVE
1103-1106 DEKALB AVE
BROOKLYN, NY

HIST LTANKS **S104277466**
NY Spills **N/A**

Relative: Higher

Actual: 58 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9810224
Spill Date: 11/13/1998
Spill Time: 08:31
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Gas Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: ROMMEL
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 11/13/98
Reported to Department Time: 08:31
SWIS: 61

1103-1106 DEKALB AVE (Continued) **S104277466**

Spiller Contact: CALLER
Spiller Phone: (516) 249-3150
Spiller Extention: Not reported
Spiller Name: 1103-1106 DEKALB AVE
Spiller Address: 1103-1106 DEKALB AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: GETTY GASOLINE
Facility Phone: (800) -
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: True
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 11/13/98
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/03/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: caller installing new tanks, encountered contaminated soil. ORIGINAL SPILL ASSIGNED TO O DOWD.

SPILLS:
Facility ID: 9810224
DER Facility ID: 117960
Facility Type: ER
Site ID: 137945
DEC Region: 2
Spill Number: 9810224
Spill Date: 11/13/1998
Spill Cause: Equipment Failure

1103-1106 DEKALB AVE (Continued) **S104277466**

Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	Not Closed
SWIS:	2401
Investigator:	KGHALE
Referred To:	WORK PLAN CHEM OX, SOIL TREAMENT, EXCAVATION
Reported to Dept:	11/13/1998
CID:	205
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	8/13/2003
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	1
Date Entered In Computer:	11/13/1998
Spill Record Last Update:	2/8/2012
Spiller Name:	GETTY GASOLINE
Spiller Company:	GETTY
Spiller Address:	1103-1106 DEKALB AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	(516) 249-3150
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"3/13/03 REASSIGNED FROM ROMMEL TO VOUGHT.6/30/2003-Vought-File review by Vought:Tank Closure Report-March 1999-Tyree Brothers Environmental Services (Paul Hatcher 631-249-3150)-Tank upgrade part of EPA mandate. Vacant parking lot to north and three story building to the east of site. Removal of twelve (550-gallon) gasoline USTs, one (4000-gallon) gasoline UST, one (550-gallon) waste oil UST and one (550-gallon) fuel oil UST. Installation of two (4000-gallon) gasoline USTs. Two (4000-gallon) USTs placed in former location of twleve (550-gallon) USTs. Endpoint soil samples taken for analysis (analyticals provided). Soil analyticals show concentrations up to 4510ppb benzene (SW8), 52200ppb toluene (S2) and 79200 ppb MTBE (SW8). Approximately 661.36 tons of soil were removed from Site (disposal manifest provided). Subsurface Investigation Report-July 2000-Tyree-Service station across street to the west. Groundwater at 45' below grade. Four soil borings/wells performed to the north and west of tank pad. Soil analyticals show concentrations up to 504ppb benzene(W2), 1510 ppb toluene(SB7) and 689ppb MTBE (W2). Groundwater analyticals show concentrations up to 47.5ppb benzene(MW2), 5810 ppb xylenes(MW2) and 854ppb MTBE(MW2).Quarterly Monitoring Reports-Nov 2000 thru Apr 2002-Tyree-Four monitoring wells on-site. Groundwater concentrations up to 369ppb benzene(W2) and 10200ppb MTBE(W2).Subsurface Investigation Report-July 2002-Tyree-Installation of two soil borings. Soil analyticals show concentrations up to 3740ppb benzene(B1), 185000ppb toluene (B1) and 4680ppb MTBE(B1). Tyree requested that all future NYSDEC requests be made in writing.Quarterly Monitoring Reports-May thru May 22, 2003-Tyree-Three monitoring wells on-site. Groundwater concentrations up to 75ppb benzene (W2), 911ppb xylene (W2)and 2110ppb MTBE(W2). Well W1 has been dry for 9 out of 10 sampling

1103-1106 DEKALB AVE (Continued) **S104277466**

events.6/30/2003-Vought-NYSDEC requires 1)soil and groundwater delineation west of MW2, west of B1, and east of B1 2)surrounding area site plan and sensitive receptor survey 3)groundwater flow direction (quarterly reports indicate no flow direction) 4)reinstallation of W1 (well dry for 5 out of 6 quarterly sampling events) 5)STIP, CAP and RAP sent by Vought.8/13/2003-Vought-STIP signed by Kevin Shea implemented by Kunkel(DEC).8/26/2003-Vought-Investigation Plan (Tyree Brothers-David Pachan) 518-786-3200. Investigation Plan submitted including: 1)site plan with all well locations 2)Installation of four 2" wells 3)reinstallation of SVE W1 4)soil samples will be obtained every five feet until groundwater interface 5)monitoring of wells to determine flow direction 5)Quarterly sampling.8/26/2003-Quarterly Monitoring Report Tyree Brothers. Groundwater flow to the north at depth of 45'. Groundwater analyticals show 37ppb benzene(W2) with three a total of three wells monitored.10/31/2003-Vought-Sent letter to Shea approving 8/26/03 Investigation Plan.11/3/2003-Vought-Spoke to Pachan who will be sending Investigation Report 12/15/03.5/5/04-Vought-Reviewed Subsurface Investigation Report (Tyree Org) dated November 2003. Five monitoring wells were installed in October 2003. Groundwater encountered at 45' below grade and flow to the north. Five soil samples and five groundwater samples sent for analysis. Report recommends quarterly groundwater monitoring. Soil analyticals show 3210ppb xylene(MW4 10-12'), 15900ppb 1,2,4-trimethylbenzene(MW4 10-12'), 7500ppb ethylbenzene(MW8 30-32'), 104000ppb 1,2,4-trimethylbenzene(MW8 20-32'), 19400ppb napthalene(MW8 20-32'). Groundwater analyticals show 42.1ppb benzene(MW4), 650ppb napthalene(MW4), 82.8ppb ethylbezene(MW5), 24.9ppb napthalene(MW5), 586ppb benzene(MW6), 8848ppb xylene(MW6), 966ppb napthalene(MW6), 917ppb benzene(MW8), 11521ppb benzene(MW8) and 1710ppb napthalene(MW8).5/5/04-Vought-Reviewed Quarterly Monitoring Reports (Tyree) from August 2003 thru January 2004. Eight monitoring wells onsite. Groundwater flow to the northwest and at depth of 44-45' below grade. Groundwater analyticals show: dry well(W1), 231ppb benzene(W2), 48.2ppb benzene(W4), 14ppb xylene(W5), 479ppb benzene(W6) and 442ppb benzene(W8). Well W7 was not accessible.DEC requires: 1)sampling of MW7 2)two wells installed downgradient of MW6 3)surrounding area site plan. Vought sent letter with above requirements to Getty and handed copy to Tyree during 5/6/04 Getty/DEC meeting. 7/29/04-Vought-Sent email to Lindell/Hatcher regarding status of additional investigation required on 5/6/04. 08/31/2005 - Feng - Case transferred from Vought to Feng.10/28/2005 - Feng - Supplemental Subsurface Investigation Report, 8/19/2004. On 7/14/2004, Tyree performed 2 off-site monitoring wells located on the sidewalk across Malcolm X Blvd. Groundwater encountered at approximately 46' below grade, the borings ended at 55' bg. Soil samples didn't show any exceedances. Both groundwater samples collected from W-9 and W-10 show VOCs exceedance. all units are in ppb. W-9, 34.5 MTBE, 16.7 Benzene, 13.1 Toluene, 1,280 Toluene, and 2007.3 total Xylenes. W-10, 2,780 MTBE, 35.7 Benzene, <7 Toluene, 2,890 Ethylbenzene, 3,107.1 total Xylenes. A surrounding properties sketch was attached. An existing Getty Service Station is located across Malcolm X Blvd. Tyree recommended to delineate further to the north downgradient of W-6,7 and 10. 10/28/2005 - Feng - Quarterly Monitoring Report, 2/2005 - 4/2005. 9 monitoring wells. Groundwater flows to northwest at depth of 43.57' to 45.18'. all unit for concentration are ppb. SVE-1 was dry. W-2, 5,568.3 BTEX and 4,010

1103-1106 DEKALB AVE (Continued) **S104277466**

MTBE. W-3, 66.26 BTEX and MTBE BDL. W-4, 129.65 BTEX and 129 MTBE. W-5, BTEX BDL, 0.75 MTBE. W-6, 12,785.25 BTEX and 6,690 MTBE. W-7, 2,047.89 BTEX and 312 MTBE. W-8, 1,836.4 BTEX and 329 MTBE. W-9, 4,796.1 BTEX and MTBE BDL. W-10, 696.92 BTEX and 1,420 MTBE. 1/4/2006 - Feng - Quarterly Monitoring Report, 11/2005 - 1/2006. The site is currently Malcolm X Automobile repair shop. There are 10 monitoring wells on and off site. W-1, dried. W-2, not sampled. W-3, low and 1.12 ppb BTEX, MTBE MDL. W-4, 129.4 ppb BTEX, 28.9 ppb MTBE. W-5, MDL and low. W-6, fluctuating and 8,778 ppb BTEX, fluctuating and 2,800 ppb MTBE. W-7, sharp decreased and MDL, 20.4 ppb MTBE. W-8, increased and 2,615 ppb BTEX, increased and 434 ppb MTBE. W-9, fluctuating and 4,230 ppb BTEX, MTBE MDL. W-10, 784.7 ppb BTEX, 233 ppb MTBE. (RJF)3/28/2006 - Feng - Emailed to Jennifer Kotch (Tyree) and requested the status of offsite delineation and reminded her of needed of RAP. (RJF)3/28/2006 - Feng - Reply from Jen Kotch "I have requested quotes from drillers and am working on putting together a work plan to submit for the additional wells downgradient on the Getty property across the street from this site." (RJF) 4/11/2006 - Feng - Reviewed the WorkPlan Jennifer Kotch (Tyree) submitted. 3 monitoring wells were proposed. Approved the WorkPlan with adding 1 more monitoring well to the side-gradient of W-6. Emailed and attached the map with additional well on to Jenn Kotch. (RJF)5/4/2006 - Feng - Sent letter to Manny Shurka, Petroleum Distribution Inc at 10 Malcolm X Blvd, to assist Tyree to gain access to the property and install the 3 wells in the east and northeast portion of the property. cc to Tyree, Delta and Getty Properties. (RJF)5/11/2006 - Feng - Email update from Jenn Kotch, the owner of 10 Malcolm X Blvd is still waiting to confirm with Getty who is responsible for payment. And she emailed to Getty to speed that process up. She told the owner the work is covered and gave him a week to get the answer before told him Tyree's delineation. (RJF)6/9/2006 - Feng - Proposed wells location site plan submitted by Jenn Kotch. W-9 and W-10 are located in the east of the apartment building. New wells locations are proposed. This plan is approved. (RJF)8/14/2006 - Feng - Quarterly Monitoring Report, 4/2006 - 6/2006, by Tyree. The site is Malcolm X Automobile repair shop. Groundwater at 43.57' to 45.07' bg and flows to west. As of sampling on 6/5/2006, 10 monitoring wells. W-1, dry. W-2, 4,312.9 ppb BTEX (488 ppb B, 64.9 ppb T, 1,650 ppb E, 2,110 ppb X), 1,590 ppb MTBE. W-3, 18.7 ppb BTEX, MTBE MDL. W-4, 1,906.6 ppb BTEX, MTBE MDL. W-5, MDL. W-6, 2,600 ppb BTEX, 424 ppb MTBE. W-7, BTEX MDL, 4.5 ppb MTBE. W-8, 1,107 ppb BTEX, 329 ppb MTBE. W-9, 5,140 ppb BTEX (MDL B, MDL T, 2,300 ppb E, 2,840 ppb X), MDL MTBE. W-10, 616 ppb BTEX, 73 ppb MTBE. Emailed Jen Kotch (Tyree) for SIR. (RJF)9/20/2006 - Feng - Quarterly Monitoring Report, 7/2006 - 9/2006, by Tyree. The site is Malcolm X Automobile repair shop. Groundwater sampling and gauging on 7/13/2006. Groundwater flows to west at the depth of 43.50' to 44.86' bg. 10 monitoring wells. W-1, dry. W-2, 4,617.8 ppb BTEX (338 ppb B, 29.8 ppb T, 1,550 ppb E, 2,700 ppb X), 614 ppb MTBE. W-3, 6.4 ppb BTEX, MTBE MDL. W-4, 1,415.9 ppb BTEX, 2.9 ppb MTBE. W-5, 1.5 ppb BTEX, MTBE MDL. W-6, 2,570 ppb BTEX, 261 ppb MTBE. W-7, MDL. W-8, 1,367 ppb BTEX, 213 ppb MTBE. W-9, 6,760 ppb BTEX (MDL B, MDL T, 2,740 ppb E, 4,020 ppb X), MTBE MDL. W-10, 650.7 ppb BTEX, 133 ppb MTBE. (RJF)10/17/2006 - Feng - Email updates from Jenn Kotch (Tyree). She is working on scheduling hope to have days tied down with in the week. (RJF)12/5/2006 - Feng - Quarterly Monitoring Report, 10/2006 - 12/2006, 11/9/2006, by Tyree. Malcolm X Automobile repair shop. Groundwater sampled and gauged 10/20/2006. 10

1103-1106 DEKALB AVE (Continued) **S104277466**

monitoring wells. DTW 55.74' to 55.93' bg. Flows west. No LNAPL. BTEX ND to 5,189 ppb (MW-9). MTBE ND to 1,130 ppb (MW-6). Noted that 4 additional monitoring wells to be installed on 12/14 throught 12/14/2006. (RJF)1/18/2007 - Feng - Getty Properties portfolio meeting with Tyree and Delta. 3 wells were installed offsite. Contamination found in the station across street from the site. DEC requested a scaled site plan for the location of wells. SIR is ready 1/1007. (RJF)5/2/2007 - Feng - Reviewed the Subsurface Investigation Report dated March 2007 and submitted by Tyree on behalf of Getty Properties. Tyree did an offsite investigation to delineate the extent of the groundwater cotnamination. Tyree has installed 3 monitoring wells W-11, W-12 and W-13. Low VOCs in soil collected from W-11, W-12 (35'-37', 40'-42'), and W-13 (30'-32', 40'-42'). Some SVOCs exceedance found soil collected from W-13 (30'-32', and 40'-42'). 3 groundwater collected. W-11, 47.6 ppb MTBE. W-12, 25,196 ppb BTEX. W-13, no analytical results available for EPA 8260 because one of the voas broke in transit.W-12 and W-13 are located in the property at 10 Malcolm X Blvd. W-12 is near the dispenser islands. The high BTEX concentration detected in these two wells suggested a possible petroleum discharge originated from the gasoline station at 10 Malcolm X Blvd and further delineation of the subsurface contamination is warranted. Checked the PBS registration record, 2-600417. Latest test date is 8/1/1988, and the 8/1/2003 test has not performed as required. Tyree called in and Spill #06-12492 was assigned to 10 Malcolm X Blvd. Noted that DEC sent letter to 10 Malcolm X Blvd requiring tank test and investigation work plan.Quarterly Monitoring Report, 1/2007 - 3/2007, 3/13/2007. Groundwater monitored and sampled 1/23/2007. 13 monitoring wells. DTW 55.74' to 55.93' bg. Flows westerly. No LNAPL. W-1, Dry. W-2, 12,160.8 ppb BTEX, 576 ppb MTBE. W-3, 60 ppb BTEX, MTBE MDL. W-4, 1,634.1 ppb BTEX. W-5, MDL. W-6, 1,228.3 ppb BTEX, 639 ppb MTBE. W-7, MDL. W-8, 622.6 ppb BTEX, 116 ppb MTBE. W-9, 8,127.7 ppb BTEX. W-10, 902.5 ppb BTEX, 607 ppb MTBE. W-11, 4.4 ppb BTEX. W-12, 26,459 ppb BTEX. W-13, 17,429 ppb. (RJF) 5/8/2007 - Feng - PBS inspection conducted by DEC B. Falvey. PBS violations were found and Notice of Violation was issued.5/10/2007 - Feng - Letter to Getty Properties requiring RAP for onsite contamination. For the offsite contamination, Getty Properties should work with the RP for 10 Malcolm X Blvd upon the completion of the delineation at 10 Malcolm X Blvd. Onsite RAP due 6/25/2007. (RJF)7/2/2007 - Feng - Quarterly Monitoring Report, 4/2007 - 6/2007, 5/14/2007. Groundwater sampled 4/11/2007. 13 monitoring wells. DTW 54.78' to 55.84' bg. Flows to west. No LNAPL. W-1, dry. W-2, 17,331 ppb BTEX, 280 ppb MTBE. W-3, 1.6 ppb BTEX. W-4, 1,329 ppb BTEX. W-5, 0.6 ppb BTEX. W-6, 2,175 ppb BTEX, 537 ppb MTBE. W-7, 3.8 ppb BTEX. W-8, 123 ppb BTEX, 96 ppb MTBE. W-9, 7,591 ppb BTEX. W-10, 1,259 ppb BTEX, 21.8 ppb MTBE. W-11, 1.5 ppb BTEX, 27.3 ppb MTBE. W-12, 23,963.6 ppb BTEX. W-13, 18,420 ppb BTEX. (RJF)11/7/2007 - Feng - Quarterly Monitoring Report, 7/2007 - 9/2007, 10/2007. Groundwater sampled 8/1/2007. 13 monitoring wells. DTW 54.78' to 55.84' bg. Flows to west. No LNAPL. Onsite wells, BTEX range 0.64 ppb to 5,048 ppb (W-2), MTBE range ND to 334 ppb (W-2). Offsite wells, BTEX range 2.5 ppb to 12,182 ppb (W-12), MTBE range ND to 20 ppb (W-11). (RJF)11/8/2007 - Feng - Portfolio meeting with Delta and Tyree. DEC had some comments on the RAP dated 7/10/2007. Don't use the existing monitoring wells for the SVE wells and need to have the soil and gw plume contour maps. DEC will send Getty Properties a letter for the comments on the RAP. (RJF)12/5/2007 -

1103-1106 DEKALB AVE (Continued) **S104277466**

Feng - Emails from Paul Lindell (Delta). RAP changes proposed. The site is currently being negotiated for sale and a permanent system would be impaired or destroyed should the deal go through and construction be implemented. There is opportunity to remove more impacted soil when removing the USTs in near future (within next 6 months). There are 2 (4,000-gallon) tanks closed-in-place at the site. No information on how the tanks being closed and if there is any remaining gasoline inside the tanks. DEC requires the information of those closed tanks when planning the chem ox injectionand selection of the chem ox type. DEC also requires to check the vertical profile of soil contamination to see the remaining soil contamination from the bottom of excavation to water table and treat the soil contamination. DEC recommends the treatment of groundwater and soil contamination be started at this time because the effectiveness of chem ox will be monitored. Then remove the tanks and more soil when the excavation time comes. DEC requires a work plan detail the work, schedule and calculation of the chem ox amount. P. Lindell will instruct Tyree to plan. (RJF)3/20/2008 - Feng - Email to Tyree and Delta for revised RAP status. (RJF)3/25/2008 - Feng - Quarterly Monitoring Report, 1Q2008, 2/2008. Malcolm X Automobile repair shop. Gorundwater was gauged and sampled 1/31/2008. 13 monitoring wells. DTW 55.35' to 56.36' bg. Flows to west. No LNAPL. Onsite BTEX range 0.64 ppb to 4,856 ppb (W-2). Onsite MTBE range ND to 356 ppb (W-2). Offsite BTEX range ND to 12,034 ppb (W-12). Offsite MTBE range ND to 16.6 ppb (W-11). (RJF)4/24/2008 - Feng - Reviewed the Revised RAP, dated 3/20/2008, by Tyree, no hard copy, only pdf copy. Tyree proposed limited excavation of the impacted soil including the current existing USTs and the injection of RegenOx. Comments were provided to Tyree and Delta via email. (RJF)6/13/2008 - Feng - Quarterly Monitoring Report, 2Q2008, 5/2008. Groundwater was gauged and sampled 4/29/2008. 13 monitoring wells. DTW 55.23' to 56.22' bg (cover page doesn't match the gauging data). Flows to west. No LNAPL. Onsite BTEX range 0.64 ppb to 2,407 ppb (W-2). MTBE range ND to 202 ppb (W-2). Offsite BTEX range ND to 6,931 ppb (W-12). MTBE range ND to 34 ppb (W-11). Reviewed the Revised RAP revision, received 5/9/2008. The revision has not addressed all the previous comments. Comments provided to Tyree. (RJF)8/21/2008 - Reviewed the Revised RAP dated 8/1/2008. The Revised RAP does not address all the soil contamination identified. 1) former 4,000-gallon UST area in the south portion of the site, soil contamination at 5 feet and 10 feet. 2) soil contaminaiton in the existing USTs area, soil borings identified soil contaminaiton at 20 feet and 30 feet, the proposed excavation will be only 17 feet and would not address all the soil problem. 3) former dispensers and associated piping information have not included in any investigation or tank closure report, might be still in place. Letter to Getty Properties disapproving the Revised RAP and provided the above 3 comments. Revised RAP revision will be submitted within 30 days. (RJF)9/4/2008 - Getty Properties portfolio meeting with Tyree and Delta. Will plan to excavate everything. Will revise the RAP in a month. (RJF)12/2/2008 - 3Q2008, 7/2008 - 9/2008, 8/2008, by Tyree. Malcolm X Automobile repair shop. Groundwater was gauged and sampled 7/29/2008. 13 monitoring wells. DTW 55.23' to 56.37' bg. Flows to west. No LNAPL. on site BTEX range ND to 2,804 ppb (W-2). Onsite MTBE range ND to 235 ppb (W-2). Offsite BTEX range ND to 4,946 ppb (W-12). offsite MTBE range ND to 79.5 ppb (W-11). (RJF)12/2/2008 - Reviewed the Revised RAP, dated 10/1/2008, by Tyree. Tyree proposed to excavate soil in the former tanks area, former

1103-1106 DEKALB AVE (Continued) **S104277466**

dispensers area, and former tank area near W-3. The existing tanks will be removed. Soil will be excavated down to 20 feet. RegexOx and ORC will injected from 20 to 60 feet and a monitoring program will be followed. DEC provided comments via email to Tyree. (RJF)1/6/2009 - Getty Properties portfolio meeting with Tyree and Delta. Potential development but not clear with the schedule. Revised RAP was submitted, under review. (RJF)4/17/2009 - Quarterly Monitoring Report, 4Q2008 10/2008 - 12/2008, 12/2008, by Tyree. Malcolm X Automobile repair shop. Groundwater was gauged and sampled 11/24/2008. 13 monitoring well. DTW 55.61' to 56.13' bg. Flows to west. NO LNAPL. Onsite BTEX range ND to 5,888.7 ppb (W-6). Onsite MTBE range ND to 145 ppb (W-6). Offsite BTEX range ND to 9,072.6 ppb (W-12). Offsite MTBE range ND to 9.7 ppb (W-10). (RJF)6/10/2009 - Reviewed RAP revision, dated April 20, 2009, pdf via email on 5/19/2009, by Tyree. Limited soil excavation, approximately down to 20 feet and to the maximum achievable depth of the excavator. Investigate the former pump islands and piping, remove if encountered. Endpoint samples for STARS. Prior to the chemox injections, DO, temp, pH and ORP readings will be taken from MW-1 to MW-9, plus baseline samples for STARS. Soil samples for baseline samples from the injection points. Injection point will be installed to depth of 60 feet. 9 injections points. The RegenOx will be 35%, 133 lbs of RegenOx and 66 lbs of ORC Advanced per hole. DO will be monitored in MW-1 through MW-9 monthly basis for the month prior to and the initial 6 months following the injection, then quarterly for 2 quarter to complete the 12 months monitoring. Temp, pH and DTW will be measured on a monthly basis. After 3 months of DO monitoring, quarterly sampling of gw for EPA 8260, as well as BOD, COD, total iron and dissolved iron. 6 months after the injection program is completed, soil samples will be collected. The borings will be advanced down to 60 feet? Work to be started within 45 days of the approval.Quarterly Monitoring Report, 1Q2009, 1/2009 - 3/2009, pdf via email on 5/22/2009, by Tyree. Malcolm X Automobile repair shop. Groundwater was monthly gauging and quarterly sampling. Groundwater was sampled on 1/29/2009. 13 monitoring wells. DTW 43.48' to 44.94' bg. Flows to southeast. NO LNAPL. Onsite BTEX range ND to 11,571 ppb (MW-2). Onsite MTBE range ND to 312 ppb (MW-2). Offsite BTEX range ND to 11,151 ppb (MW-12). Offsite MTBE range ND to 11 ppb (MW-11). (RJF)9/2/2009 - Quarterly Monitoring Report, 2Q2009, 4/2009 - 6/2009, pdf via email on 7/20/2009, by Tyree. Malcolm X Automobile repair shop. Monthly gauging. Quarterly sampled 4/2/2009. 13 monitoring wells. DTW 44.03' to 45.31' bg. Flows to northwest. NO LNAPL. Onsite BTEX range ND to 11,844 ppb (W-2), MTBE range ND to 533 ppb (W-2). Offsite BTEX range ND to 17,291 ppb (W-12), MTBE range ND to 4.9 ppb (W-11). Quarterly Monitoring Report, 3Q2009, 7/2009 - 9/2009, pdf via email 9/1/2009, by Tyree. Malcolm X Automobile repair shop. Groundwater was gauged and sampled on 8/3/2009. 13 monitoring wells. DTW 44.04' to 45.38' bg. Flows to west north west. Onsite BTEX range ND to 9,828 ppb (W-2), MTBE range ND to 392 ppb (W-2). Offsite BTEX range 1.1 ppb to 19,120 (W-12), MTBE range ND to 5.8 ppb (W-11). 6/30/2010 - Subsurface Investigation Report, dated 2/17/2010, by Tyree. On october 26-28, 2009, Tyree oversaw Associated Environmental Services during the advancement of 7 soil borings (SB-1 through SB-7) using a Geoprobe 6620DT direct push drill rig. Upon collection of all soil samples, the borings were backfilled with native soil, topped with sand and finished to grade with asphalt or concrete. SB-1 hit refusal at 9-9.5' bg in 2 locations. PID readings were detected in

1103-1106 DEKALB AVE (Continued) **S104277466**

all soil borings except SB-1 and SB-3. 10 soil samples were taken. SB-1 (5-10'), BDL. B-2 (10-15'), no exceedance. SB-3 (45-50'), BDL. SB-4 (15-20'), no exceedance. SB-5 (15-20'), BDL. SB-5 (40-45'), 600 benzene, 73,300 ethylbenzene, 271,000 xylenes, 346,250 BTEX, 11,200 isopropylbenzene, 31,300 n-propylbenzene, 132,000 1,2,4-tirmethylbenzene, 47,500 1,3,5-trimethylbenzene, 13,900 naphthalene. SB-6 (10-15'), 10,200 xylenes, 12,260 BTEX, 68,800 1,2,4-trimethylbenzene, 21,500 1,3,5-trimethylbenzene. SB-6 (40-45'), no exceedance. SB-7 (15-20'), no exceedance. SB-7 (45-50'), no exceedance. These investigation results will be used to prepare for the RAP preparation. 11/3/10. In June 2010 Tyree wrote in the Quarterly Monitoring report that they would submit a revised RAP by 8/31/10. Breen

Remarks: caller installing new tanks, encountered contaminated soil.ORIGINAL SPILL ASSIGNED TO O'DOWD.

Material:

Site ID:	137945
Operable Unit ID:	1067501
Operable Unit:	01
Material ID:	314096
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

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66 **17 PALMETTO ST** **LTANKS** **S102233264**
ESE **17 PALMETTO ST** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.320 mi.
1691 ft.

Relative:
Lower

Actual:
52 ft.

LTANKS:

Site ID:	295300
Spill No:	9512329
Spill Date:	1/2/1996
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)

17 PALMETTO ST (Continued) **S102233264**

Spill Closed Dt:	7/27/1998
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1/2/1996
CID:	349
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/2/1996
Spill Record Last Update:	7/27/1998
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	17 PALMETTO ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	238960
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Remarks:	TANK LEAK - NYCFD ON SCENE - PLUGGING TANK AND APPLYING SPEEDY DRY

Material:

Site ID:	295300
Operable Unit ID:	1026539
Operable Unit:	01
Material ID:	356079
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported

17 PALMETTO ST (Continued) **S102233264**

Test Method: Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9512329
Spill Date:	01/02/1996
Spill Time:	17:15
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Spill Closed Dt:	07/27/98
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	ENGELHARDT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/02/96
Reported to Department Time:	17:48
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	17 PALMETTO ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Local Agency
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/02/96
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	07/27/98
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported

17 PALMETTO ST (Continued) **S102233264**

Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 10
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK LEAK - NYCFD ON SCENE - PLUGGING TANK AND APPLYING SPEEDY DRY

67
East
1/4-1/2
0.334 mi.
1761 ft.

1070 BRUNSWICK AVE/NY TEL **LTANKS** **S100177498**
1070 BRUNSWICK AVE **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative:
Lower

Actual:
50 ft.

LTANKS:
Site ID: 324131
Spill No: 9110108
Spill Date: 12/23/1991
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 4/28/2000
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 12/23/1991
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/6/1992
Spill Record Last Update: 4/28/2000
Spiller Name: Not reported
Spiller Company: NY TEL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported

1070 BRUNSWICK AVE/NY TEL (Continued) **S100177498**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	261092
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"SEE FILE
Remarks:	E I & R

Material:

Site ID:	324131
Operable Unit ID:	963749
Operable Unit:	01
Material ID:	418678
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	324131
Spill Tank Test:	1539462
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	9110108
Spill Date:	12/23/1991
Spill Time:	15:25
Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	04/28/00
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	TIBBE
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported

1070 BRUNSWICK AVE/NY TEL (Continued) **S100177498**

Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 12/23/91
Reported to Department Time: 18:35
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: NY TEL
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/06/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 04/28/00
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: SEE FILE
Spill Cause: E I R

68 SE 1/4-1/2 0.355 mi. 1876 ft.

1016 PUTNAM AVENUE
1016 PUTNAM AVENUE
BROOKLYN, NY

LTANKS **S101341255**
HIST LTANKS **N/A**

Relative: Lower

Actual: 49 ft.

LTANKS:

Site ID:	308479
Spill No:	9412373
Spill Date:	12/15/1994
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/16/1994
Facility Addr2:	Not reported
Cleanup Ceased:	12/16/1994
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	12/15/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	12/15/1994
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/26/1995
Spill Record Last Update:	1/30/1995
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	249106
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
Remarks:	TANK BURST IN BASEMENT- DESBRIBED AS MANY GALLONS SPILLED. DEP CALLED

Material:

Site ID:	308479
Operable Unit ID:	1010050
Operable Unit:	01
Material ID:	374688
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

1016 PUTNAM AVENUE (Continued) **S101341255**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9412373
Spill Date:	12/15/1994
Spill Time:	00:01
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/16/94
Cleanup Ceased:	12/16/94
Cleanup Meets Standard:	True
Investigator:	MULQUEEN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/15/94
Reported to Department Time:	11:38
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	( ) -
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	12/15/94
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False

1016 PUTNAM AVENUE (Continued) **S101341255**

Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/26/95
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 01/30/95
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK BURST IN BASEMENT- DESBRIBED AS MANY GALLONS SPILLED. DEP CALLED

N69
SSE
1/4-1/2
0.360 mi.
1903 ft.

743 HANCOCK ST/BKLYN **LTANKS** **S102147469**
743 HANCOCK STREET **NY Spills** **N/A**
BROOKLYN, NY **NY Hist Spills**

Site 1 of 2 in cluster N

Relative:
Lower

Actual:
51 ft.

LTANKS:
Site ID: 191075
Spill No: 9207660
Spill Date: 10/2/1992
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/6/1992
Facility Addr2: Not reported
Cleanup Ceased: 10/6/1992
Cleanup Meets Standard: True
SWIS: 2401
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 10/2/1992
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False

743 HANCOCK ST/BKLYN (Continued) **S102147469**

Remediation Phase:	0
Date Entered In Computer:	10/6/1992
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159373
DEC Memo:	Not reported
Remarks:	CUST. DISCOVERED LEAK-CALLED SVCMN-TANK LEAKING-275GAL A/G BASEMENT-WORKING TO STOP LEAK- 10/02/92 300/PM N/A CUSTOMER HOUSE AND N/A BAERENKLAU CLEANUP ENROUTE

Material:

Site ID:	191075
Operable Unit ID:	974480
Operable Unit:	01
Material ID:	408285
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	191074
Spill No:	9010983
Spill Date:	1/15/1991
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Spill Closed Dt:	3/14/1991
Facility Addr2:	Not reported
Cleanup Ceased:	3/14/1991
Cleanup Meets Standard:	True

743 HANCOCK ST/BKLYN (Continued) **S102147469**

SWIS:	2401
Investigator:	JAMES
Referred To:	Not reported
Reported to Dept:	1/15/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/15/1991
Spill Record Last Update:	12/5/2003
Spiller Name:	Not reported
Spiller Company:	CELESTE GAMRY RESIDENTS
Spiller Address:	743 HANCOCK STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159373
DEC Memo:	Not reported
Remarks:	TANK OVERFILL, SPILL TO BE CLEANED UP, DEC WILL FOLLOW UP AS NECESSARY
	Not reported

Material:

Site ID:	191074
Operable Unit ID:	948045
Operable Unit:	01
Material ID:	431085
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

743 HANCOCK ST/BKLYN (Continued) **S102147469**

SPILLS:

Facility ID:	9415493
DER Facility ID:	159373
Facility Type:	ER
Site ID:	191076
DEC Region:	2
Spill Number:	9415493
Spill Date:	2/27/1995
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	2/28/1995
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	2/27/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	2/28/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/20/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	LEAKING PIPES - PRESIDENT MS. GRAMERY IS NOT AWARE OF THIS PROBLEM. DRIVER DUIRNG DELIVERY NOTICE LEAKS FROM JOINTS. MORE INFO FROM RICH HOUSTON.

Material:

Site ID:	191076
Operable Unit ID:	1012792
Operable Unit:	01
Material ID:	370678
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported

743 HANCOCK ST/BKLYN (Continued) **S102147469**

Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Facility ID:	9311500
DER Facility ID:	159373
Facility Type:	ER
Site ID:	256224
DEC Region:	2
Spill Number:	9311500
Spill Date:	12/24/1993
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	12/24/1993
SWIS:	2401
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	12/24/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	12/24/1993
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/28/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	OVER ORDERED - CONTAINED ON CONCRETE FLOOR - BAERENKLAU TO CLEAN UP.

Material:

Site ID:	256224
Operable Unit ID:	993387
Operable Unit:	01
Material ID:	390535
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1

743 HANCOCK ST/BKLYN (Continued) **S102147469**

Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

NY Hist Spills:

Region of Spill:	2
Spill Number:	9311500
Investigator:	CAMMISA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	12/24/1993 08:45
Reported to Dept Date/Time:	12/24/93 08:47
SWIS:	61
Spiller Name:	Not reported
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spill Cause:	Human Error
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	09
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	12/24/93
Cleanup Meets Std:	True
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/24/93

743 HANCOCK ST/BKLYN (Continued) **S102147469**

Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 12/28/93
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Remark: OVER ORDERED - CONTAINED ON CONCRETE FLOOR - BAERENKLAU TO CLEAN UP.

N70 **743 HANCOCK ST/BKLYN** **HIST LTANKS** **S100494094**
SSE **743 HANCOCK STREET** **NY Hist Spills** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.360 mi.
1903 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
51 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9207660
Spill Date: 10/02/1992
Spill Time: 10:00
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/06/92
Cleanup Ceased: 10/06/92
Cleanup Meets Standard: True
Investigator: O'DOWD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported

743 HANCOCK ST/BKLYN (Continued) **S100494094**

Reported to Department Date: 10/02/92
Reported to Department Time: 10:31
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 10/06/92
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 10
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: CUST. DISCOVERED LEAK-CALLED SVCMN-TANK LEAKING-275GAL A/G BASEMENT- WORKING TO STOP LEAK- 10/02/92 300/PM N/A CUSTOMER HOUSE AND N/A BAERENKLAU CLEANUP ENROUTE

Region of Spill: 2
Spill Number: 9010983
Spill Date: 01/15/1991
Spill Time: 13:50
Spill Cause: Tank Overfill

743 HANCOCK ST/BKLYN (Continued) **S100494094**

Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Not reported
Spill Closed Dt:	03/14/91
Cleanup Ceased:	03/14/91
Cleanup Meets Standard:	True
Investigator:	JAMES
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	01/15/91
Reported to Department Time:	13:58
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	CELESTE GAMRY RESIDENTS
Spiller Address:	743 HANCOCK STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 455-2754
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	03/15/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	4
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0

743 HANCOCK ST/BKLYN (Continued) **S100494094**

Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK OVERFILL, SPILL TO BE CLEANED UP, DEC WILL FOLLOW UP AS NECESSARY

NY Hist Spills:
Region of Spill: 2
Spill Number: 9415493
Investigator: O'DOWD
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 02/27/1995 14:15
Reported to Dept Date/Time: 02/27/95 14:23
SWIS: 61
Spiller Name: SAME
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Equipment Failure
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 09
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: 02/28/95
Cleanup Meets Std: True
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 02/28/95
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 04/20/95
Date Spill Entered In Computer Data File: Not reported
Update Date: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported

743 HANCOCK ST/BKLYN (Continued) **S100494094**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 2
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Remark: LEAKING PIPES - PRESIDENT MS. GRAMERY IS NOT AWARE OF THIS PROBLEM. DRIVER DUIRNG DELIVERY NOTICE LEAKS FROM JOINTS. MORE INFO FROM RICH HOUSTON.

O71 **BASEMENT FLOOR - CONCRETE** **HIST LTANKS** **S102663103**
WNW **531 KOSCIUSKO STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.363 mi.
1914 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
57 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9702904
Spill Date: 06/06/1997
Spill Time: 00:00
Spill Cause: Tank Overfill
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: ENGELHARDT
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 06/07/97
Reported to Department Time: 00:53
SWIS: 61
Spiller Contact: JOHN GAGLIANO
Spiller Phone: (917) 769-0483
Spiller Extention: Not reported
Spiller Name: PLYMOUTH ROCK FUEL CORP
Spiller Address: 76 COURT ST
Spiller City,St,Zip: BROOKLYN, NY
Spiller Cleanup Date: / /
Facility Contact: Not reported

BASEMENT FLOOR - CONCRETE (Continued) **S102663103**

Facility Phone: (718) 855-2967
Facility Extention: Not reported
Spill Notifier: Fire Department
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 06/07/97
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 06/09/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 100
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Petroleum Tank Cleaners PTC, Dennis Mankowski) arrived on scene at 09:30 on 6/6/97. Removed 200 gal of oiland applied speedy dry to floor. Tank is covered in concrete and is leaking. PTC broke through top of tank and removed oil. Citi en on second floor is Angela Reida 718-919-2650 had trouble sleeping last night. Building owner is Henry Alexis. Managing company is Cape Management 718) 855 2967, agent is David
Spill Cause: Appears to have been an overfill on the part of the oil company - have contacted oil company answering service to get owner to get a crew to clean up - dyking area with speedy dry - no need for contact

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O72 **APARTMENT BLDG** **LTANKS** **S102663105**
WNW **531 KOSCIUSKO ST** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY** **NY Hist Spills**
0.363 mi.
1914 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
57 ft.

LTANKS:
Site ID: 254014
Spill No: 9702904
Spill Date: 6/6/1997
Spill Cause: Tank Overfill
Spill Source: Private Dwelling

APARTMENT BLDG (Continued) **S102663105**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	2/19/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	6/7/1997
CID:	255
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/7/1997
Spill Record Last Update:	2/19/2003
Spiller Name:	Not reported
Spiller Company:	PLYMOUTH ROCK FUEL CORP
Spiller Address:	76 COURT ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	JOHN GAGLIANO
Spiller Phone:	(917) 769-0483
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	208054
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"Petroleum Tank Cleaners (PTC, Dennis Mankowski) arrived on scene at 09:30 on 6/6/97. Removed 200 gal of oiland applied speedy dry to floor. Tank is covered in concrete and is leaking. PTC broke through top of tank and removed oil.Citizen on second floor is Angela Reida 718-919-2650 had trouble sleeping last night. Building owner is Henry Alexis. Managing company is Cape Management (718) 855 2967, agent is "David"2/19/2003 - Austin, As per directive to closeout spills with no recent history, closed out.
Remarks:	Appears to have been an overfill on the part of the oil company - have contacted oil company answering service to get owner to get a crew to clean up - dyking area with speedy dry - no need for contact

Material:

Site ID:	254014
Operable Unit ID:	1048797
Operable Unit:	01
Material ID:	335826
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

APARTMENT BLDG (Continued) **S102663105**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

SPILLS:

Facility ID:	9702910
DER Facility ID:	208054
Facility Type:	ER
Site ID:	134772
DEC Region:	2
Spill Number:	9702910
Spill Date:	6/6/1997
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	9/12/1997
SWIS:	2401
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	6/7/1997
CID:	312
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/7/1997
Spill Record Last Update:	9/12/1997
Spiller Name:	Not reported
Spiller Company:	APARTMENT BLDG
Spiller Address:	531 KOSCIUSKO ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	SAM - SUPERINTENDENT
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"same as 9702904 so closed.
Remarks:	CALLER IS THERE TO CLEAN UP THE BASEMENT FROM THE SPILL

Material:

Site ID:	134772
Operable Unit ID:	1045630
Operable Unit:	01
Material ID:	335831

APARTMENT BLDG (Continued) **S102663105**

Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

NY Hist Spills:

Region of Spill:	2
Spill Number:	9702910
Investigator:	ENGELHARDT
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Spill Date/Time:	06/06/1997
Reported to Dept Date/Time:	06/07/97 10:37
SWIS:	61
Spiller Name:	APARTMENT BLDG
Spiller Contact:	Not reported
Spiller Phone:	( ) -
Spiller Contact:	SAM - SUPERINTENDENT
Spiller Address:	531 KOSCIUSKO ST
Spiller City,St,Zip:	BROOKLYN, NY
Spill Cause:	Unknown
Reported to Dept:	On Land
Water Affected:	Not reported
Spill Source:	09
Spill Notifier:	Other
PBS Number:	Not reported
Cleanup Ceased:	/ /
Cleanup Meets Std:	False
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Dt:	/ /
Enforcement Date:	/ /
Invstgn Complete:	/ /
UST Involvement:	False

APARTMENT BLDG (Continued) **S102663105**

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 09/12/97
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 06/07/97
Date Spill Entered In Computer Data File: Not reported
Update Date: 09/12/97
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: same as 9702904 so closed.
Remark: CALLER IS THERE TO CLEAN UP THE BASEMENT FROM THE SPILL

P73 **JUNIOR HIGH SCHOOL 57** **LTANKS** **U000409391**
West **125 STUYVESANT AVENUE** **HIST UST** **N/A**
1/4-1/2 **BROOKLYN, NY** **AST**
0.364 mi. **HIST AST**
1922 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
57 ft.

LTANKS:
Site ID: 268288
Spill No: 9305256
Spill Date: 7/27/1993
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/10/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 7/28/1993
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/29/1993
Spill Record Last Update:	3/10/2003
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218541
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AQDMIN.CLOSED"10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: Ttf.03/10/2003- Closed Due To The Nature / Extent Of The Spill Report. Not reported
Remarks:	EXCAVATE, ISO LATE, RETEST - FIR.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY REQUIREMENTS.

Material:

Site ID:	268288
Operable Unit ID:	986766
Operable Unit:	01
Material ID:	395191
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	268288
Spill Tank Test:	1541815
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	316604
Spill No:	9605970
Spill Date:	8/7/1996
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	7/14/2005
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	TLDiaz
Referred To:	Not reported
Reported to Dept:	8/8/1996
CID:	297
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/8/1996
Spill Record Last Update:	10/5/2005
Spiller Name:	IVAN FARIAS
Spiller Company:	SCHOOL CONSTRUCTION AUTHO
Spiller Address:	1395 NEW YORK AV
Spiller City,St,Zip:	HUNTINGTON STATIO, NY 11748-
Spiller County:	001
Spiller Contact:	GENE - DIRKS HEATING
Spiller Phone:	(718) 784-0246
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218541
DEC Memo:	7/14/05 Site investigation conducted. No staged soil piles found.
Remarks:	CALLERS COMPANY WAS HIRED TO REMOVE THE TANKS AND DISCIOVERED GROUND CONTAMINATION - THE DIRT AROUND THE TANKS HAS BEEN EXCAVATED AND PLACED ONTO PLASTIC ON SITE

Material:

Site ID:	316604
Operable Unit ID:	1036784
Operable Unit:	01
Material ID:	561190
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	268288
Spill No:	9305256
Spill Date:	7/27/1993
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/10/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	7/28/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/29/1993
Spill Record Last Update:	3/10/2003
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218541
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AQDMIN.CLOSED"10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: Ttf.03/10/2003- Closed Due To The Nature / Extent Of The Spill Report. Not reported
Remarks:	EXCAVATE, ISO LATE, RETEST - FIR.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY REQUIREMENTS.

Material:

Site ID:	268288
Operable Unit ID:	986766
Operable Unit:	01
Material ID:	395191
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	268288
Spill Tank Test:	1541815
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	268288
Spill No:	9305256
Spill Date:	7/27/1993
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	3/10/2003
Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	7/28/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/29/1993
Spill Record Last Update:	3/10/2003
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218541
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AQDMIN.CLOSED"10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: Ttf.03/10/2003- Closed Due To The Nature / Extent Of The Spill Report.

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

Not reported
Remarks: EXCAVATE, ISO LATE, RETEST - FIR.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY REQUIREMENTS.

Material:
Site ID: 268288
Operable Unit ID: 986766
Operable Unit: 01
Material ID: 395191
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 268288
Spill Tank Test: 1541815
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

HIST UST:
PBS Number: 2-354376
SPDES Number: Not reported
Emergency Contact: SCHOOL SAFETY
Emergency Telephone: (718) 979-3300
Operator: PLANT OPERATION
Operator Telephone: (718) 391-6000
Owner Name: BOARD OF EDUCATION
Owner Address: 28-11 QUEENS PLAZA NORTH
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Telephone: (718) 391-6832
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: BOARD OF EDUCATION
Mailing Address: 28-11 QUEENS PLAZA NORTH
Mailing Address 2: 5TH FLOOR
Mailing City,St,Zip: LONG ISLAND CITY, NY 11101
Mailing Contact: FRANK CARDELL NTROL
Mailing Telephone: (718) 391-6832
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 125 STUYVESANT AVE

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	SCHOOL
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/02/1998
Expiration Date:	06/28/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	7500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/o access)
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	05/01/1990
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1996
Test Method:	Ainlay
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	10000
Product Stored:	NOS 1,2, OR 4 FUEL OIL

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Vault (w/o access)
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	08/01/1996
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-354376
Program Type:	PBS
UTM X:	590138.84169999999
UTM Y:	4504987.4329899997
Expiration Date:	2013/06/28

Affiliation Records:

Site Id:	17617
Affiliation Type:	Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	JAMES A. MERLO
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	GDBREEN
Date Last Modified:	10/1/2012

Site Id:	17617
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	JAMES A. MERLO
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5738
Phone Ext:	Not reported
Email:	JMERLO@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	9/2/2008

Site Id:	17617
Affiliation Type:	On-Site Operator
Company Name:	JUNIOR HIGH SCHOOL 57 - BROOKLYN
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17617
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	GDBREEN
Date Last Modified:	10/1/2012

Equipment Records:

D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction
C01 - Pipe Location - Aboveground

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
G07 - Tank Secondary Containment - Excavation/Trench Liner System
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G07 - Tank Secondary Containment - Excavation/Trench Liner System
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Info:

Tank Number:	003
Tank Id:	51718
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	07/01/1996
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	dxliving
Last Modified:	05/13/2008

HIST AST:

PBS Number:	2-354376
SWIS Code:	6101
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	125 STUYVESANT AVE
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(718) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832

JUNIOR HIGH SCHOOL 57 (Continued) **U000409391**

Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELL NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/02/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	7500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	003
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	19960701
Capacity (Gal):	7500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	01
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	Diking
Leak Detection:	01
Overfill Protection:	05
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

P74 **JUNIOR HIGH SCHOOL 57** **HIST LTANKS** **S100560049**
West **125 STYVESANT ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.364 mi.
1922 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
57 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	9605970
Spill Date:	08/07/1996
Spill Time:	12:00
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	O'DOWD
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	08/08/96
Reported to Department Time:	11:45
SWIS:	61
Spiller Contact:	GENE - DIRKS HEATING
Spiller Phone:	(718) 784-0246
Spiller Extention:	Not reported
Spiller Name:	SCHOOL CONSTRUCTION AUTHO
Spiller Address:	1395 NEW YORK AV
Spiller City,St,Zip:	HUNTINGTON STATIO, NY 11748-
Spiller Cleanup Date:	/ /
Facility Contact:	IVAN FARIAS
Facility Phone:	(718) 472-9350
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	08/08/96
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	08/28/96
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported

JUNIOR HIGH SCHOOL 57 (Continued) **S100560049**

Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: Not reported
Spill Cause: CALLERS COMPANY WAS HIRED TO REMOVE THE TANKS AND DISCIOVERED GROUND CONTAMINATION - THE DIRT AROUND THE TANKS HAS BEEN EXCAVATED AND PLACED ONTO PLASTIC ON SITE

Region of Spill: 2
Spill Number: 9305256
Spill Date: 07/27/1993
Spill Time: 14:00
Spill Cause: Tank Test Failure
Resource Affectd: Groundwater
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: TANG
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 07/28/93
Reported to Department Time: 13:49
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Tank Tester

JUNIOR HIGH SCHOOL 57 (Continued) **S100560049**

PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/29/93
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: 10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.
Spill Cause: EXCAVATE, ISO LATE, RETEST - FIR.

75
East
1/4-1/2
0.376 mi.
1986 ft.

1084 BUSHWICK **LTANKS** **S100494220**
1084 BUSHWICK AVE **HIST LTANKS** **N/A**
BROOKLYN, NY **NY Spills**

Relative:
Lower

Actual:
49 ft.

LTANKS:
Site ID: 290877
Spill No: 9208672
Spill Date: 10/27/1992
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/28/1992
Facility Addr2: Not reported
Cleanup Ceased: 10/28/1992
Cleanup Meets Standard: True
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported

1084 BUSHWICK (Continued) **S100494220**

Reported to Dept:	10/27/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/29/1992
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	110870
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	TANK WEEPING-NO OIL ON FLOOR-TANK DAMP-PROTECTIVE LAYER OF SPEEDI-DRI APPLIED TO FLOOR CUST OF TOWN -NOT NOTIFIED NO CALLBACK

Material:

Site ID:	290877
Operable Unit ID:	975426
Operable Unit:	01
Material ID:	405757
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9208672

1084 BUSHWICK (Continued) **S100494220**

Spill Date:	10/27/1992
Spill Time:	16:40
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/28/92
Cleanup Ceased:	10/28/92
Cleanup Meets Standard:	True
Investigator:	TANG
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	10/27/92
Reported to Department Time:	17:00
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	10/29/92
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum

1084 BUSHWICK (Continued) **S100494220**

Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: TANK WEEPING-NO OIL ON FLOOR-TANK DAMP-PROTECTIVE LAYER OF SPEEDI-DRI APPLIED TO FLOOR CUST OF TOWN -NOT NOTIFIED NO CALLBACK

SPILLS:
Facility ID: 9113071
DER Facility ID: 110870
Facility Type: ER
Site ID: 128510
DEC Region: 2
Spill Number: 9113071
Spill Date: 3/25/1992
Spill Cause: Equipment Failure
Spill Class: Not reported
Spill Closed Date: 3/25/1992
SWIS: 2401
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 3/25/1992
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Other
Cleanup Ceased: 3/25/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/31/1992
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: BAERENKLAU
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks: SORBENT APPLIED

Material:
Site ID: 128510
Operable Unit ID: 966686
Operable Unit: 01
Material ID: 414606

1084 BUSHWICK (Continued) **S100494220**

Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Facility ID:	9208657
DER Facility ID:	110870
Facility Type:	ER
Site ID:	81600
DEC Region:	2
Spill Number:	9208657
Spill Date:	10/27/1992
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Date:	10/27/1992
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	10/27/1992
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	10/27/1992
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/28/1992
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported

1084 BUSHWICK (Continued) **S100494220**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks: OVER ORDERED CONTAINED ON ALLEYWAY PAVEMENT-DRIVER P/U SPILL

Material:
Site ID: 81600
Operable Unit ID: 975404
Operable Unit: 01
Material ID: 405742
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

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76 NNW 1/4-1/2 0.376 mi. 1987 ft. **CLOSED-LACKOF RECENT INFO** **LTANKS** **S106703553**
26 LAWTON STREET **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative: Higher

Actual: 58 ft.

LTANKS:
Site ID: 177393
Spill No: 9103589
Spill Date: 7/1/1991
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 3/5/2003
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 7/2/1991
CID: Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S106703553**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	7/10/1991
Spill Record Last Update:	6/2/2004
Spiller Name:	Not reported
Spiller Company:	WEATHER FUEL OIL
Spiller Address:	26 LAWTON STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	149056
DEC Memo:	Not reported
Remarks:	550GAL TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,SYSTEM TEST.CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

Material:

Site ID:	177393
Operable Unit ID:	957629
Operable Unit:	01
Material ID:	422726
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	177393
Spill Tank Test:	1538724
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	9103589
Spill Date:	07/01/1991
Spill Time:	10:00

CLOSED-LACKOF RECENT INFO (Continued) **S106703553**

Spill Cause:	Tank Test Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Other Commercial/Industrial
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	/ /
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	SULLIVAN
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	07/02/91
Reported to Department Time:	11:28
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	WEATHER FUEL OIL
Spiller Address:	26 LAWTON STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 647-1400
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	True
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	07/10/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	11/13/92
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	-1
Unkonwn Quantity Spilled:	False

CLOSED-LACKOF RECENT INFO (Continued) **S106703553**

Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: DIESEL
Class Type: DIESEL
Times Material Entry In File: 10625
CAS Number: Not reported
Last Date: 19940728
DEC Remarks: Not reported
Spill Cause: 550GAL TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,SYSTEM TEST.

77
SE
1/4-1/2
0.379 mi.
2002 ft.

41 HOWARD AV / BKLN **LTANKS** **S100145770**
41 HOWARD AVE **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative:
Lower

Actual:
49 ft.

LTANKS:
Site ID: 184185
Spill No: 8909247
Spill Date: 12/21/1989
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 10/7/1992
Facility Addr2: Not reported
Cleanup Ceased: 10/7/1992
Cleanup Meets Standard: False
SWIS: 2401
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 12/21/1989
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/3/1990
Spill Record Last Update: 2/15/1994
Spiller Name: Not reported
Spiller Company: ELLA MCQUEEN CORRECTIONAL
Spiller Address: Not reported
Spiller City,St,Zip: AL RODRIGUEZ, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 154154
DEC Memo: Not reported
Remarks: 2K TK FAILS PETRO, L R =-O.498 GPH. ISOLATED TANK. NO ACTION

Material:
Site ID: 184185

41 HOWARD AV / BKLN (Continued) **S100145770**

Operable Unit ID:	934171
Operable Unit:	01
Material ID:	442419
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	184185
Spill Tank Test:	1536602
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

HIST LTANKS:

Region of Spill:	2
Spill Number:	8909247
Spill Date:	12/21/1989
Spill Time:	11:30
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/07/92
Cleanup Ceased:	10/07/92
Cleanup Meets Standard:	False
Investigator:	BATTISTA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/21/89
Reported to Department Time:	11:52
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	ELLA MCQUEEN CORRECTIONAL

41 HOWARD AV / BKLN (Continued) **S100145770**

Spiller Address: Not reported
Spiller City,St,Zip: AL RODRIGUEZ
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: (718) 574-2911
Facility Extention: Not reported
Spill Notifier: Tank Tester
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/03/90
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 02/15/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: 0
Test Method: Not reported
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: 2K TK FAILS PETRO, L R =-O.498 GPH. ISOLATED TANK. NO ACTION

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78 East 1/4-1/2 0.397 mi. 2096 ft. | **PALMETTO** | **LTANKS** | **S100153669**
85 PALMETTO STREET | **HIST LTANKS** | **N/A**
NEW YORK CITY, NY

Relative: Lower

Actual: 49 ft.

LTANKS:
Site ID: 275297
Spill No: 9102098
Spill Date: 5/22/1991
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 7/8/1996

PALMETTO (Continued) **S100153669**

Facility Addr2:	Not reported
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	5/22/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/3/1991
Spill Record Last Update:	7/8/1996
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	223845
DEC Memo:	Not reported
Remarks:	15K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,ACTION UNDETERMINED.

Material:

Site ID:	275297
Operable Unit ID:	953192
Operable Unit:	01
Material ID:	424624
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	275297
Spill Tank Test:	1538588
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

PALMETTO (Continued) **S100153669**

HIST LTANKS:

Region of Spill:	2
Spill Number:	9102098
Spill Date:	05/22/1991
Spill Time:	10:00
Spill Cause:	Tank Test Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Other Non Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	07/08/96
Cleanup Ceased:	/ /
Cleanup Meets Standard:	False
Investigator:	HEALY
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	05/22/91
Reported to Department Time:	12:59
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, N.Y.
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(212) 306-3142
Facility Extention:	Not reported
Spill Notifier:	Tank Tester
PBS Number:	2-474371
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	06/03/91
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	07/08/96
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	001
Tank Size:	0
Test Method:	Not reported
Leak Rate Failed Tank:	0.00

PALMETTO (Continued) **S100153669**

Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Pounds
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #4 FUEL OIL
Class Type: #4 FUEL OIL
Times Material Entry In File: 1751
CAS Number: Not reported
Last Date: 19941205
DEC Remarks: 7/8/96: Site investigation by TRC found little evidence of contamination. Tank has been re-tested and passed. Close out. JNH
Spill Cause: 15K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,ACTION UNDETERMINED.

79
SSE
1/4-1/2
0.419 mi.
2212 ft.

742 HALSEY ST. **LTANKS** **S101103257**
742 HALSEY ST. **HIST LTANKS** **N/A**
BROOKLYN, NEW YORK, NY

Relative:
Lower

Actual:
48 ft.

LTANKS:
Site ID: 75998
Spill No: 9401949
Spill Date: 5/10/1994
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 5/10/1994
Facility Addr2: Not reported
Cleanup Ceased: 5/10/1994
Cleanup Meets Standard: True
SWIS: 2401
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 5/10/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 5/16/1994
Spill Record Last Update: 5/26/1994
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2

742 HALSEY ST. (Continued) **S101103257**

DER Facility ID: 71099
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks: CONTAINED ON CONCRATE BASEMENT. SPEEDY DRY USED. BOTTOM TANK DRIPPING WILL REPAIR.

Material:
Site ID: 75998
Operable Unit ID: 995626
Operable Unit: 01
Material ID: 385688
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:
Region of Spill: 2
Spill Number: 9401949
Spill Date: 05/10/1994
Spill Time: 11:25
Spill Cause: Tank Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 05/10/94
Cleanup Ceased: 05/10/94
Cleanup Meets Standard: True
Investigator: MARTINKAT
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported

742 HALSEY ST. (Continued) **S101103257**

Notifier Extension: Not reported
Reported to Department Date: 05/10/94
Reported to Department Time: 11:35
SWIS: 61
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
Spiller Name: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Other
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 05/16/94
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 05/26/94
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 1
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: CONTAINED ON CONCRATE BASEMENT. SPEEDY DRY USED. BOTTOM TANK DRIPPING WILL REPAIR.

Q80 ENE 1/4-1/2 0.424 mi. 2239 ft. | **119 LINDEN STREET/BKLYN**
119 LINDEN STREET
NEW YORK CITY, NY

HIST LTANKS | **S102671357**
N/A

Site 1 of 2 in cluster Q

Relative: Lower

Actual: 46 ft.

HIST LTANKS:

Region of Spill:	2
Spill Number:	8809175
Spill Date:	02/25/1989
Spill Time:	08:43
Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Not reported
Spill Closed Dt:	02/27/89
Cleanup Ceased:	02/27/89
Cleanup Meets Standard:	True
Investigator:	GRATHWOL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	02/25/89
Reported to Department Time:	09:36
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	WEATHER FUEL OIL CO
Spiller Address:	29 BAY STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	(718) 647-1400
Facility Extention:	Not reported
Spill Notifier:	Citizen
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	02/28/89
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	/ /
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported

119 LINDEN STREET/BKLYN (Continued) **S102671357**

Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 200
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: SPILL IN BASEMENT, NYCFD RESPONDED, CONTAINED WAITING FOR CLEAN UP CREW.

Q81 **119 LINDEN STREET/BKLYN** **LTANKS** **S100145780**
ENE **119 LINDEN STREET** **HIST LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.424 mi.
2239 ft. **Site 2 of 2 in cluster Q**

Relative:
Lower

Actual:
46 ft.

LTANKS:
Site ID: 135910
Spill No: 8909454
Spill Date: 12/30/1989
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 12/8/1992
Facility Addr2: Not reported
Cleanup Ceased: 12/8/1992
Cleanup Meets Standard: True
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 12/30/1989
CID: Not reported
Water Affected: Not reported
Spill Notifier: Federal Government
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/10/1990
Spill Record Last Update: 12/10/1992
Spiller Name: Not reported
Spiller Company: FAZIO AND SONS OIL CO.
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported

119 LINDEN STREET/BKLYN (Continued) **S100145780**

DEC Region:	2
DER Facility ID:	116661
DEC Memo:	Not reported
Remarks:	1080 G TANK FAILURE BASEMENT SPILL ABOVEGROUND TANK HAS LEAK IN THE TOP AND HAS NO VENT PIPE

Material:

Site ID:	135910
Operable Unit ID:	934378
Operable Unit:	01
Material ID:	442619
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

Site ID:	135909
Spill No:	8809175
Spill Date:	2/25/1989
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Spill Closed Dt:	2/27/1989
Facility Addr2:	Not reported
Cleanup Ceased:	2/27/1989
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	JCGRATHW
Referred To:	Not reported
Reported to Dept:	2/25/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/28/1989

119 LINDEN STREET/BKLYN (Continued) **S100145780**

Spill Record Last Update:	6/17/2003
Spiller Name:	Not reported
Spiller Company:	WEATHER FUEL OIL CO
Spiller Address:	29 BAY STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	116661
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "GRATHWOL"
Remarks:	SPILL IN BASEMENT, NYCFD RESPONDED, CONTAINED & WAITING FOR CLEAN UP CREW.

Material:

Site ID:	135909
Operable Unit ID:	925434
Operable Unit:	01
Material ID:	453936
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	8909454
Spill Date:	12/30/1989
Spill Time:	13:30
Spill Cause:	Tank Failure
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	12/08/92

119 LINDEN STREET/BKLYN (Continued) **S100145780**

Cleanup Ceased:	12/08/92
Cleanup Meets Standard:	True
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/30/89
Reported to Department Time:	15:28
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	FAZIO AND SONS OIL CO.
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Federal Government
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	01/10/90
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	12/10/92
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	200
Unkonwn Quantity Spilled:	False
Units:	Gallons
Quantity Recovered:	0
Unkonwn Quantity Recovered:	False
Material:	#2 FUEL OIL
Class Type:	#2 FUEL OIL
Times Material Entry In File:	24464
CAS Number:	Not reported

119 LINDEN STREET/BKLYN (Continued) **S100145780**

Last Date: 19941207
DEC Remarks: 12/30/89: OIL COMPANY ON SCENE APPLYING SPEEDY DRY WILL SHUT OFF HEAT.
Spill Cause: 1080 G TANK FAILURE BASEMENT SPILL ABOVEGROUND TANK HAS LEAK IN THE TOP AND HAS NO VENT PIPE

82
WSW
1/4-1/2
0.429 mi.
2263 ft.

STUYVESANT GARDENS
734 GATES AVE
BROOKLYN, NY

HIST LTANKS **S103273806**
NY Hist Spills **N/A**

Relative:
Higher

Actual:
64 ft.

HIST LTANKS:
Region of Spill: 2
Spill Number: 9804491
Spill Date: 07/09/1998
Spill Time: 12:30
Spill Cause: Tank Test Failure
Resource Affectd: On Land
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Cleanup Ceased: / /
Cleanup Meets Standard: False
Investigator: SACCACIO
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
Reported to Department Date: 07/09/98
Reported to Department Time: 14:27
SWIS: 61
Spiller Contact: FRANK OCELLO
Spiller Phone: (212) 306-3229
Spiller Extention: Not reported
Spiller Name: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY 10007-
Spiller Cleanup Date: / /
Facility Contact: FRANK OCELLO
Facility Phone: (212) 306-3229
Facility Extention: Not reported
Spill Notifier: Responsible Party
PBS Number: -474454
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 07/09/98

STUYVESANT GARDENS (Continued) **S103273806**

Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: 07/13/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: 1
Tank Size: 15000
Test Method: Horner EZ Check
Leak Rate Failed Tank: 7.40
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: tank test failure

NY Hist Spills:
Region of Spill: 2
Spill Number: 9801011
Investigator: SACCACIO
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 04/21/1998 14:00
Reported to Dept Date/Time: 04/23/98 11:09
SWIS: 61
Spiller Name: NYC HOUSING AUTHORITY
Spiller Contact: FRANK OCELLO
Spiller Phone: (212) 306-3229
Spiller Contact: FRANK OCELLO
Spiller Phone: (212) 306-3229
Spiller Address: 250 BROADWAY 16TH FLOOR
Spiller City,St,Zip: MANHATTEN, NY 10007-
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 09
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: / /
Cleanup Meets Std: False
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended

STUYVESANT GARDENS (Continued) **S103273806**

Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: / /
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 04/23/98
Date Spill Entered In Computer Data File: Not reported
Update Date: 10/15/98
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 0
Unkonwn Quantity Spilled: True
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: During site investigation, subsurface contamination was discovered.
Remark: CALLER REPORTING A POSSIBLE RELEASE FROM UST.

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83 **766 HALSEY ST/BROOKLYN** **LTANKS** **S102671260**
SSE **766 HALSEY STREET** **HIST LTANKS** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.432 mi.
2279 ft.

Relative:
Lower

Actual:
46 ft.

LTANKS:
Site ID: 141903
Spill No: 8800334
Spill Date: 4/11/1988
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Not reported
Spill Closed Dt: 2/27/1989
Facility Addr2: Not reported
Cleanup Ceased: 2/27/1989
Cleanup Meets Standard: True
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 4/11/1988
CID: Not reported

766 HALSEY ST/BROOKLYN (Continued) **S102671260**

Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/19/1988
Spill Record Last Update:	2/27/1989
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	121138
DEC Memo:	Not reported
Remarks:	CUSTOMER HAD OVERORDERED OIL, OVERFILLED TANK IN CELLAR, POSSIBLE FAULTY PIPING.NO FIELD INVESTIGATION OBTAINED,CLEANUP BY BUILDING OWNER.

Material:

Site ID:	141903
Operable Unit ID:	915968
Operable Unit:	01
Material ID:	463048
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	8800334
Spill Date:	04/11/1988
Spill Time:	09:30

766 HALSEY ST/BROOKLYN (Continued) **S102671260**

Spill Cause:	Tank Overfill
Resource Affectd:	On Land
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Class:	Not reported
Spill Closed Dt:	02/27/89
Cleanup Ceased:	02/27/89
Cleanup Meets Standard:	True
Investigator:	SIGONA
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	04/11/88
Reported to Department Time:	11:53
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Responsible Party
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	04/19/88
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	02/27/89
Is Updated:	False

Tank:

PBS Number:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate Failed Tank:	Not reported
Gross Leak Rate:	Not reported

Material:

Material Class Type:	Petroleum
Quantity Spilled:	50
Unkonwn Quantity Spilled:	False
Units:	Gallons

766 HALSEY ST/BROOKLYN (Continued) **S102671260**

Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: CUSTOMER HAD OVERORDERED OIL, OVERFILLED TANK IN CELLAR, POSSIBLE FAULTY PIPING.NO FIELD INVESTIGATION OBTAINED,CLEANUP BY BUILDING OWNER.

84
ESE
1/4-1/2
0.455 mi.
2404 ft.

RESIDENCE
1097 PUTNAM AVE
BROOKLYN, NY

LTANKS **S107523332**
N/A

Relative:
Lower

Actual:
51 ft.

LTANKS:
Site ID: 357773
Spill No: 0511584
Spill Date: 1/6/2006
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 2/8/2006
Facility Addr2: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: True
SWIS: 2401
Investigator: rmpiper
Referred To: Not reported
Reported to Dept: 1/6/2006
CID: 408
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/6/2006
Spill Record Last Update: 2/8/2006
Spiller Name: RICK SCHERER
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 999
Spiller Contact: RICK SCHERER (NEIGHBOR)
Spiller Phone: (718) 919-2963
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 307811
DEC Memo: Jeff Vought visited the site (2 or 3 family house) and said there was a serious spill problem on the sidewalk & soil/lawn area. It looks like someone has been laying down speedie dry, but unknown who is doing this work.Sangesland reviewed the tax records and Property Shark. Property was sold in 2005 and the two tenants moved out. The house is now vancant. Former tenant was traced and she said the

RESIDENCE (Continued) **S107523332**

building recently had an electrical fire and there was no working heat in the building. Ownership records show:Anne Marie Ward1097 Putnam aveBrooklyn, NYno phone number is listed.Various searches for Ms. Ward could not find any contact. Former tenant of the house said that Ms. Ward has a partner named Javan Higgins. Sangesland traced a Javan Higgins in the phone directory (630 Hancock St 718-452-2756) but this is a phone number for his step-mother and they have not communicated for several years.1/9/05-Vought-Site visit by Vought. Spill out of vent pipe affected yard in front of 3 story residential building. Approx size of affected soil is 25'x10'. Also present was three empty bags of speedy dry, five trash bags of oil soaked speedy dry, one box for an oil filter and an old rusted pipe. Vought spoke to neighbor at 1095 Putnam Ave and her son in law is caller. She did not see any oil company. Resident at 1099 Putnam also interviewed and she had seen no oil company. Possible causes of spill include tank removal and/or delivery event. Neither adjacent neighbor had any contact information for 1097 Putnam. No residents present at home and no contact information in building. DEC Vought to send out soil contamination letter requiring collection of endpoint samples.1/11/06- DEC Piper spoke w/ caller notifier Rick Scherer. AS per conversation he was at the house and saw a tanker truck delivering oil. No more than 15 minutes later, another tanker truck pulled up. Within 5 minutes there was a heavy petroleum odor. He went outside to walk the dog and observed oil covering the lawn. Rick stated to the driver that there was a delivery 15 minutes ago and the EPA or someone should be notified. The driver stated that it is ok and that he has stuff to clean it up. Upon return from walk, ~5 min, the driver was gone. He did not record the name of the company(s). A FDNY HazMAt rep later showed up and said since it looks like someone is taking care of it. As of today, the odors have subsided though the cleanup has not continued since 1/6/06. Certified return receipt CSL letter sent to listed owner.2/8/06- DEC Piper received certified CSL letter. It was unclaimed. Piper performed site visit. There was evidence that someone was cleaning it up. In conversation w/ neighbor, she did not get the name of the company. There was slight odors on the lawn area though no fuel oil was observed. Due to lack of evidence and the fact that someone cleaned it up, the spill is closed.

Remarks: HAS NOT BEEN CLEANED UP. UNKNOWN IF IT WENT INTO ANY WATERWAYS. PRODUCT IS IN NEIGHBORS YARD

Material:

Site ID:	357773
Operable Unit ID:	1115047
Operable Unit:	01
Material ID:	2105097
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

RESIDENCE (Continued) **S107523332**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

---

85 NNE 1/4-1/2 0.456 mi. 2407 ft.

296 CENTER AVENUE **LTANKS** **S101341237**
296 CENTER AVENUE **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative: Lower

Actual: 49 ft.

LTANKS:

Site ID:	208388
Spill No:	9412104
Spill Date:	12/10/1994
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Not reported
Spill Closed Dt:	12/10/1994
Facility Addr2:	Not reported
Cleanup Ceased:	12/10/1994
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	12/10/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/30/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	LUCK GAS STATION
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	172906
DEC Memo:	Not reported
Remarks:	STRONG ODOR IN RALPHS BASEMENT- HOUSE IS NEXT DOOR TO STATION (SUSPECTED SOURCE) NO ACTION TAKEN -NOTIFIED FIRE DEPT, SAID TO CALL HOT LINE.

296 CENTER AVENUE (Continued) **S101341237**

Material:

Site ID:	208388
Operable Unit ID:	1009867
Operable Unit:	01
Material ID:	374437
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9412104
Spill Date:	12/10/1994
Spill Time:	12:00
Spill Cause:	Tank Failure
Resource Affectd:	Air
Water Affected:	Not reported
Spill Source:	Gas Station
Spill Class:	Not reported
Spill Closed Dt:	12/10/94
Cleanup Ceased:	12/10/94
Cleanup Meets Standard:	True
Investigator:	TOMASELLO
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	12/10/94
Reported to Department Time:	12:19
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported

296 CENTER AVENUE (Continued) **S101341237**

Spiller Name: LUCK GAS STATION
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller Cleanup Date: / /
Facility Contact: Not reported
Facility Phone: Not reported
Facility Extention: Not reported
Spill Notifier: Local Agency
PBS Number: Not reported
Last Inspection: / /
Recommended Penalty: Penalty Not Recommended
Enforcement Date: / /
Investigation Complete: / /
UST Involvement: False
Date Region Sent Summary to Central Office: / /
Corrective Action Plan Submitted: / /
Date Spill Entered In Computer Data File: 01/30/95
Time Spill Entered In Computer Data File: Not reported
Spill Record Last Update: / /
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: UNKNOWN PETROLEUM
Times Material Entry In File: 16414
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Spill Cause: STRONG ODOR IN RALPHS BASEMENT- HOUSE IS NEXT DOOR TO STATION SUSPECTED SOURCE) NO ACTION TAKEN -NOTIFIED FIRE DEPT, SAID TO CALL HOT LINE.

86
SW
1/4-1/2
0.472 mi.
2493 ft.

701 PUTNAM AVE. **LTANKS** **S100493939**
701 PUTNAM AVE **HIST LTANKS** **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
65 ft.

LTANKS:
Site ID: 259802
Spill No: 9206194
Spill Date: 8/28/1992
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

701 PUTNAM AVE. (Continued) **S100493939**

	Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/7/1992
Facility Addr2:	Not reported
Cleanup Ceased:	10/7/1992
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	MITCHELL
Referred To:	Not reported
Reported to Dept:	8/28/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/1/1992
Spill Record Last Update:	10/8/1992
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	212463
DEC Memo:	Not reported
Remarks:	DELIVERY ON AUGUST 4 - LINE U/G IS LEAKING- ACTION OIL LINE DICONNECTED- OIL STAIN ON CONCRETE FLOOR. SITE CLEANED UP

Material:

Site ID:	259802
Operable Unit ID:	973443
Operable Unit:	01
Material ID:	410367
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported

701 PUTNAM AVE. (Continued) **S100493939**

Last Modified: Not reported
Test Method: Not reported

HIST LTANKS:

Region of Spill:	2
Spill Number:	9206194
Spill Date:	08/28/1992
Spill Time:	10:20
Spill Cause:	Tank Failure
Resource Affectd:	Groundwater
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	10/07/92
Cleanup Ceased:	10/07/92
Cleanup Meets Standard:	True
Investigator:	MITCHELL
Caller Name:	Not reported
Caller Agency:	Not reported
Caller Phone:	Not reported
Caller Extension:	Not reported
Notifier Name:	Not reported
Notifier Agency:	Not reported
Notifier Phone:	Not reported
Notifier Extension:	Not reported
Reported to Department Date:	08/28/92
Reported to Department Time:	10:34
SWIS:	61
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
Spiller Name:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Cleanup Date:	/ /
Facility Contact:	Not reported
Facility Phone:	Not reported
Facility Extention:	Not reported
Spill Notifier:	Other
PBS Number:	Not reported
Last Inspection:	/ /
Recommended Penalty:	Penalty Not Recommended
Enforcement Date:	/ /
Investigation Complete:	/ /
UST Involvement:	False
Date Region Sent Summary to Central Office:	/ /
Corrective Action Plan Submitted:	/ /
Date Spill Entered In Computer Data File:	09/01/92
Time Spill Entered In Computer Data File:	Not reported
Spill Record Last Update:	10/08/92
Is Updated:	False

Tank:

PBS Number:	Not reported

701 PUTNAM AVE. (Continued) **S100493939**

Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: 200
Unkonwn Quantity Spilled: False
Units: Gallons
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: #2 FUEL OIL
Class Type: #2 FUEL OIL
Times Material Entry In File: 24464
CAS Number: Not reported
Last Date: 19941207
DEC Remarks: Not reported
Spill Cause: DELIVERY ON AUGUST 4 - LINE U/G IS LEAKING- ACTION OIL LINE DICONNECTED- OIL STAIN ON CONCRETE FLOOR. SITE CLEANED UP

87
SSE
1/2-1
0.544 mi.
2870 ft.

192 RALPH AVENUE
192 RALPH AVE
BROOKLYN, NY 11233

SHWS **S109416407**
VCP **N/A**

Relative:
Lower

Actual:
47 ft.

SHWS:
Program: HW
Site Code: 58281
Classification: SIGNIFICANT THREAT TO THE PUBLIC HEALTH OR ENVIRONMENT - ACTION REQUIRED.
Region: 2
Acres: .009
HW Code: 224042
Record Add: 04/04/2003
Record Upd: 07/30/2012
Updated By: MJKOMORO
Site Description: Location: The site is located in an urban area of the southeast part of the Bedford Stuyvesant section of Brooklyn, Kings County. The site is on Ralph Avenue between Broadway and Fulton Street.Site Features: The site is a one story building that includes a basement and is approximately 20 feet by 20 feet in size (~ 0.009 acres).The one story building is also a portion of the Voluntary Cleanup Project site known as 192 Ralph Avenue (V00669). The site is part of the parcel that is identified on the New York City tax map as Section 6, Block 1678, Lot 53. The VCP project is defined as the whole parcel. Current Zoning/Use(s): The site property and surrounding land uses are primarily residential(rowhouses/apartments) and commercial. Historical Use(s): A dry cleaner operated on the site from approximately 1946 to 1998. The concrete floor in the basement was removed as the result of the Initial Subsurface Investigation during 2002. The contamination identified at the site appears to be associated with the former dry-cleaning facility operation at the site. Completed investigations include a Subsurface Investigation (2002), a Remedial Investigation (2006), and a Supplemental Investigation (December 2007) conducted under the Voluntary Cleanup

192 RALPH AVENUE (Continued) **S109416407**

Program. Samples collected from the site building and from the adjacent commercial and residential buildings indicate soil vapor is impacting indoor air. Under the Voluntary Cleanup Program a mitigation system consisting of installation of Soil Vapor Extraction System beneath the former dry-cleaners, and adjacent management office, and installation of a vapor barrier in the basement of the former dry-cleaners to minimize the potential vapor intrusion was completed in January 2008. The volunteer under the VCP program elected not to conduct the off-site investigation and remediation, as the VCA is limited to the one parcel of property. Therefore, the portion of the Voluntary Cleanup Project (# V00669), where former dry cleaning operation occurred, has been officially listed in the Registry of Inactive Hazardous Waste Disposal sites in New York State. Site Geology and Hydrogeology:The general area geology is composed of outwash sand and gravels deposits. Locally there are highly permeable fine to medium sands with some gravel. There appears to be a confining silty clay layer of unknown thickness present in the site area around 60 to 70’ below the ground surface. Groundwater is encountered at 35 to 40’ below ground surface (~9’ AMSL). The area groundwater flow is thought to be to SSE.

Env Problem: Investigations conducted at the site confirm that chlorinated solvent contamination is present under the basement area where the former dry-cleaner operated. Contaminants of concern are tetrachloroethylene (PCE), trichlorethylene (TCE), and its breakdown products which were detected in soil, soil gas, indoor air, and groundwater at both the dry cleaner portion of the site and at off-site areas. Concentrations exceed standards, criteria and guidance levels.A soil vapor extraction remedial system was put into operation in 2008 at the VCA parcel as part of an IRM. This system appears to have reduced the source contamination in soils and soil vapor.The extent of the impacts from contaminant migration prior to and after startup of the SVE system to off-site area soils, soil vapor and groundwater has not been fully delinated. The remedial investigation will determine the nature and extent of the soil vapor and groundwater plume. As part of the RI, a vapor intrusion mitigation program will be initiated to address soil gas exposure routes at and around the site.

Health Problem: Soil contaminated with tetrachloroethene (PCE) has been identified at this site. The site is located in a mixed residential and commercialneighborhood. The contaminated soil is located beneath the building and is inaccessible. Exposure to groundwater is not likely since the area is served by a public water supply. Elevated concentrations of volatile organic compounds have been identified in on-site and off-site soil vapor. On-site indoor air sampling has detected PCE above NYSDOH air guidelines.Therefore, on-site inhalation exposures via vapor intrusion is a completed exposure pathway. Soil vapor beneath the adjacent apartment building is extremely elevated. However, the data indicate that vapor intrusion is not currently occurring. Significant soil vapor concentrations have been detected migrating off-site. Therefore, off-site inhalation exposure is a potential exposure pathway.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported

192 RALPH AVENUE (Continued) **S109416407**

Lat/Long:	Not reported
Dell:	False
Record Add:	4/4/2003 10:25:00 AM
Record Upd:	10/26/2010 1:06:00 PM
Updated By:	mdbrand
Own Op:	Owner
Sub Type:	05
Owner Name:	PETER S. ROSENBAUM
Owner Company:	BROOKLYN PROPERTIES 5, LLC
Owner Address:	188 RALPH AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11233
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	L. Taylor
Owner Company:	Saratoga Library
Owner Address:	8 Thomas S. Boyle St. @ "Macon St."
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11233
Owner Country:	United States of America
HW Code:	224042
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224042
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	V00669
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	6/16/2008 9:56:00 AM
Record Updated:	6/16/2008 9:56:00 AM
Updated By:	MOBARRIE

VCP:

Program Type:	VCP
Site Code:	58001
HW Code:	V00669
Site Class:	A
SWIS:	2401
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	08/29/2003
Date Record Updated:	02/27/2012
Updated By:	MJKOMORO
Site Description:	The site is located in an urban area in Brooklyn and occupies 188-190-192 Ralph Ave. It is a building used for commercial purposes with 3 stories at 188-190 Ralph Avenue, and a one story building with a basement at 192 Ralph Avenue. Surrounding land uses are residential and commercial; a church is directly to the east of the site on Ralph Avenue. A dry cleaner operated on the 192 Ralph Avenue part of the site from approximately 1946 to 1998. The contamination identified at the site was associated with the former dry-cleaning facility at the site. Completed investigations include a Subsurface Investigation

192 RALPH AVENUE (Continued) **S109416407**

(2002,a Remedial Investigation (2006), and a Supplemental Investigation (December 2007). Samples collected from the site buildings and from an adjacent residential building indicate that soil vapor is impacting indoor air. As part of an Interim Remedial Measure, a soil vapor mitigation system was installed in January 2008 and is in operation. Engineering controls were installed, including a new concrete floor and vapor barrier in the basement, and all cracks and openings in the sub-grade foundation and floors have been sealed. A Remedial Action Work Plan, Final Engineering Plan, and Site Management Plan are in preparation. Brooklyn Properties 5, LLC (the Volunteer) declined to perform the cleanup of the off-site contamination. The portion of the site where former dry-cleaning operations took place has been placed on the NYS Registry of Inactive Hazardous Waste Disposal sites (I.D. No. 224042).

Env Problem: Investigations conducted at the site confirm that chlorinated solvent contamination is present in the basement area where the former dry-cleaner operated from about 1946 to 1998. Contaminants of concern are perchlorethylene (PCE), trichlorethylene (TCE), and its breakdown products which were detected in soil, soil gas, indoor air, and groundwater. PCE has been detected on-site at concentration up to 344,000 ppb in soil, up to 10,000 ppb in groundwater, and up to 55,000,000 ug/m3 in soil vapor.Data also indicates that the contamination has migrated off-site. PCE was detected at off-site locations with concentrations up to 1,100,000 ug/m3 in soil vapor beneath the adjacent residential apartment, and up to 7,100 ppb in groundwater.

Health Problem: Soil contaminated with tetrachloroethene (PCE) has been identified at this site. The site is located in a mixed residential and commercialneighborhood. The contaminated soil is located beneath the building and is inaccessible. Exposure to groundwater is not likely since the area is served by a public water supply. Elevated concentrations of volatile organic compounds have been identified in on-site and off-site soil vapor. On-site indoor air sampling has detected PCE above NYSDOH air guidelines.Therefore, on-site inhalation exposures via vapor intrusion is a completed exposure pathway. Soil vapor beneath the adjacent apartment building is extremely elevated. However, the data indicate that vapor intrusion is not currently occurring. Significant soil vapor concentrations have been detected migrating off-site. Therefore, off-site inhalation exposure is a potential exposure pathway.

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	1001113446	NYCTA - 977 BROADWAY	977 BROADWAY EMPTY LOT CLEANUP	11206	FINDS,RCRA-NLR,MANIFEST
BROOKLYN	1004761525	MTA NYCT - NEW YARD	1925 BROADWAY	11207	FINDS,RCRA-NLR
BROOKLYN	1007205430	NYNEX	ONDADON AVE & GATES AVE		RCRA-NLR,MANIFEST
BROOKLYN	1007205480	BELL ATLANTIC-NY	WASHINGTON/GATES AVES	00000	RCRA-NLR
BROOKLYN	1007207445	CONSOLIDATED EDISON	V3431-BROADWAY & BEDFORD		RCRA-NLR,MANIFEST
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA-NLR,MANIFEST
BROOKLYN	1007208410	CONSOLIDATED EDISON	MH1999-CLERMONT & GREENE AVE		RCRA-NLR,MANIFEST
BROOKLYN	1007208565	CONSOLIDATED EDISON	V0715-RALPH AVE & GATES AVE		RCRA-NLR,MANIFEST
BROOKLYN	1007251980	BELL ATLANTIC-NY	WASHINGTON/GATES AVES		FINDS,MANIFEST
BROOKLYN	1007444974	FOUNTAIN AVENUE LANDFILL	OFF SHORE PARKWAY		ODI
BROOKLYN	1009234540	NYNEX	KINGS HIWY & AVE H		MANIFEST
BROOKLYN	1009235718	NYCDEP	ERSKINE ST & VAN DALIA		MANIFEST
BKLYN	S102142527	E 29TH ST & KINGS HWY	E 29TH ST & KINGS HWY		SPILLS,HIST SPILLS
BROOKLYN	S103938400	BOX 38486	KINGS HIGHWAY/ROCKAWAY PK		SPILLS,HIST SPILLS
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		SPILLS
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		SPILLS
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE KINGS		MANIFEST
	S109207895	205842; KINGS HWY	KINGS HWY		SPILLS
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PARKWA		SPILLS
BROOKLYN	S111011885	TO ROADWAY	KINGS HWY AND EAST 16TH ST		SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 10/18/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/09/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 10/18/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/23/2012
Date Made Active in Reports: 07/03/2012
Number of Days to Update: 41

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/24/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

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

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 10/10/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 10/05/2012
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 10/03/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/08/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/08/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 09/28/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 10/24/2012
Date Data Arrived at EDR: 10/26/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 10/26/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 10/10/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 08/08/2012
Date Data Arrived at EDR: 08/14/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 50

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/23/2012
Date Made Active in Reports: 10/05/2012
Number of Days to Update: 43

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/28/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/20/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/22/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 09/07/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 06/20/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 10/23/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 8

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 10/29/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 10/05/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/09/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 07/06/2012
Date Data Arrived at EDR: 07/09/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 22

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/8062
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 22

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/07/8062
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 08/16/2012
Date Data Arrived at EDR: 08/16/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 49

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 08/16/2012
Date Data Arrived at EDR: 08/16/2012
Date Made Active in Reports: 10/04/2012
Number of Days to Update: 49

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 08/09/2012
Date Data Arrived at EDR: 08/15/2012
Date Made Active in Reports: 09/13/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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853 LEXINGTON AVENUE

BROOKLYN, NEW YORK

Remedial Investigation Summary

NYSDEC BCP Site Number: C224180

Prepared for:

853 Lexington LLC

116 Nostrand Avenue

Brooklyn, NY

Prepared by:

EBC

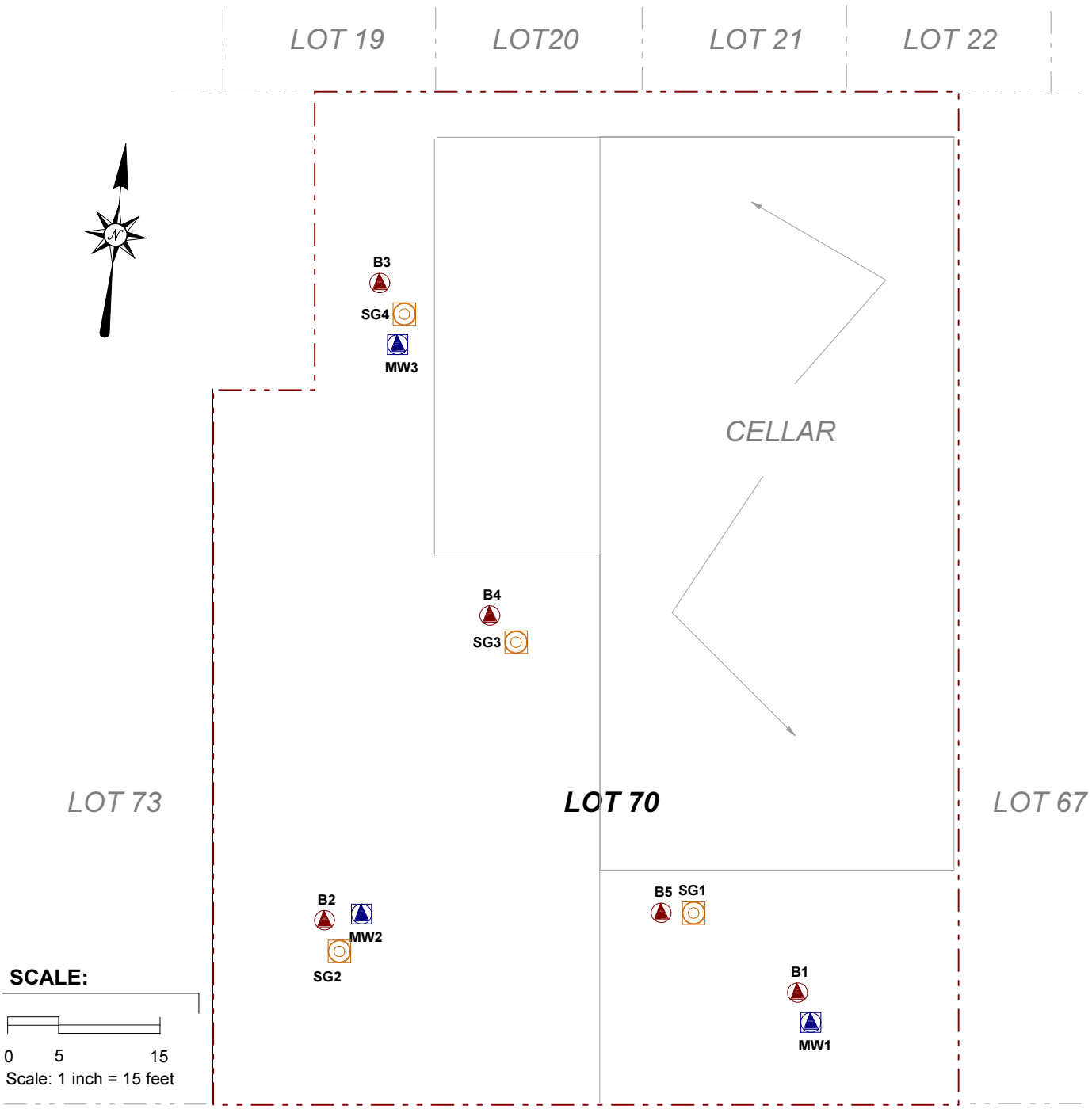
Environmental Business Consultants

1808 Middle Country Road

Ridge, NY 11961

JUNE 2013

FIGURES



KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Sub-Slab Sampling Location

Sidewalk

LEXINGTON AVENUE

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

Figure No. 5

Site Name:	Vacant Building
Site Address:	853 Lexington Avenue Brooklyn, NY
Drawing Title:	Sample Location Map

Remedial Investigation Summary Tables

TABLE 2
853 Lexington Ave,
Brooklyn, New York
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				Duplicate (SB3 0-2')	
			(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') 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
1,1,1,2-Tetrachlorothane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1,1-Trichloroethane	680	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1,2,2-Tetrachloroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1,2-Trichloroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1-Dichloroethane	270	26,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1-Dichloroethene	330	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,1-Dichloropropene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,3-Trichlorobenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,3-Trichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,4-Trichlorobenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2,4-Trimethylbenzene	3,600	52,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	**1.4**	6.5	**1.7**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	**1.5**	5.1
1,2-Dibromo-3-chloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dibromoethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dichlorobenzene	1,100	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dichloroethane	20	3,100	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,2-Dichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,3,5-Trimethylbenzene	8,400	52,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	**0.79**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	**0.72**	5.1
1,3-Dichlorobenzene	2,400	4,900	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,3-Dichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
1,4-Dichlorobenzene	1,800	13,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
2,2-Dichloropropane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
2-Chlorotoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
2-Hexanone (Methyl Butyl Ketone)			ND	32	ND	20	ND	34	ND	33	ND	32	ND	27	ND	1500	ND	24	ND	25	ND	21	ND	25
2-Isopropyltoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	**1.3**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
4-Chlorotoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
4-Methyl-2-Pentanone			ND	32	ND	20	ND	34	ND	33	ND	32	ND	27	ND	1500	ND	24	ND	25	ND	21	ND	25
Acetone	50	100,000	**130**	64	**77**	41	ND	68	**17**	67	**25**	65	**76**	55	ND	2900	**43**	49	**29**	50	ND	41	**16**	51
Acrylonitrile			ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Benzene	60	4,800	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromobenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromochloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromodichloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromoform			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Bromomethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Carbon Disulfide			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Carbon tetrachloride	760	2,400	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chlorobenzene	1,100	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chloroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chloroform	370	49,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Chloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
cis-1,2-Dichloroethene	250	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
cis-1,3-Dichloropropene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Dibromochloromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Dibromomethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Dichlorodifluoromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Ethylbenzene	1,000	41,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Hexachlorobutadiene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Isopropylbenzene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
m&p-Xylenes	260	100,000	ND	6.4	ND	4.1	**4.4**	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	39	ND	25	ND	41	ND	40	ND	39	ND	33	ND	1800	ND	29	ND	30	ND	25	ND	30
Methyl t-butyl ether (MTBE)	930	100,000	ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Methylene chloride	50	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Naphthalene	12,000	100,000	ND	6.4	ND	4.1	ND	6.8	**5.5**	6.7	**70**	6.5	**450**	270	ND	290	**2.4**	4.9	ND	5	ND	4.1	**1,000**	300
n-Butylbenzene	12,000	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
n-Propylbenzene	3,900	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
o-Xylene	260	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
p-Isopropyltoluene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
sec-Butylbenzene	11,000	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Styrene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
tert-Butylbenzene	5,900	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Tetrachloroethene	1,300	19,000	ND	6.4	ND	4.1	**14**	6.8	**6.2**	6.7	**930**	300	**43**	5.5	**12,000**	1500	**9,100**	1400	**1.6**	5	ND	4.1	**3,000**	315
Tetrahydrofuran (THF)			ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Toluene	700	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	**2.2**	6.5	**3.2**	5.5	ND	290	ND	4.9	ND	5	ND	4.1	**2**	5.1
trans-1,2-Dichloroethene	190	100,000	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
trans-1,3-Dichloropropene			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
trabs-1,4-dichloro-2-butene			ND	13	ND	8.2	ND	14	ND	13	ND	13	ND	11	ND	580	ND	9.8	ND	10	ND	8.2	ND	10
Trichloroethene	470	21,000	ND	6.4	ND	4.1	**6.5**	6.8	**5.6**	6.7	**23**	6.5	**5.8**	5.5	**68**	290	ND	4.9	ND	5	ND	4.1	**490**	315
Trichlorofluoromethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Trichlorotrifluoroethane			ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Vinyl Chloride	20	900	ND	6.4	ND	4.1	ND	6.8	ND	6.7	ND	6.5	ND	5.5	ND	290	ND	4.9	ND	5	ND	4.1	ND	5.1
Total BTEX Concentration			**0.0**		**0.0**		**4.4**		**0.0**		**2.2**		**3.2**		**0.0**		**0.0**		**0.0**		**0.0**		**2.0**	
Total VOCs Concentration			**130.0**		**77.0**		**24.9**		**34.3**		**1,051.6**		**581.8**		**12,068**		**9,145.4**		**30.6**		**0.0**		**4,510.2**	

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
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
853 Lexington Ave,
Brooklyn, New York
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				Duplicate (SB3 0-2')	
			(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') 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
1,2,4,5-Tetrachlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
1,2,4-Trichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
1,2-Dichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
1,2-Diphenylhydrazine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
1,3-Dichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
1,4-Dichlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2,4,5-Trichlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2,4,6-Trichlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2,4-Dichlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2,4-Dimethylphenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2,4-Dinitrophenol			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
2,4-Dinitrotoluene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2,6-Dinitrotoluene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2-Chloronaphthalene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2-Chlorophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2-Methylnaphthalene			ND	270	ND	250	ND	260	ND	260	**570**	260	**410**	250	ND	2,700	ND	260	ND	250	ND	240	**360**	260
2-Methylphenol (o-cresol)	330	100,000	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
2-Nitroaniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
2-Nitrophenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
3&4-Methylphenol (m&p-cresol)			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
3,3'-Dichlorobenzidine			ND	770	ND	700	ND	760	ND	740	ND	750	ND	720	ND	7,700	ND	740	ND	720	ND	680	ND	750
3-Nitroaniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
4,6-Dinitro-2-methylphenol			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
4-Bromophenyl phenyl ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
4-Chloro-3-methylphenol			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
4-Chloroaniline			ND	770	ND	700	ND	760	ND	740	ND	750	ND	720	ND	7,700	ND	740	ND	720	ND	680	ND	750
4-Chlorophenyl phenyl ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
4-Nitroaniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
4-Nitrophenol			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
Acenaphthene	20,000	100,000	**1,000**	270	ND	250	ND	260	ND	260	**710**	260	**540**	250	ND	2,700	ND	260	ND	250	ND	240	**420**	260
Acenaphthylene	100,000	100,000	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Acetophenone			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Aniline			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
Anthracene	100,000	100,000	**1,900**	270	**150**	250	ND	260	ND	260	**1,500**	260	**1,100**	250	ND	2,700	ND	260	ND	250	ND	240	**880**	260
Benz(a)anthracene	1,000	1,000	**4,300**	270	**320**	250	**140**	260	ND	260	**2,000**	260	**1,600**	250	ND	2,700	ND	260	**230**	250	ND	240	**1,200**	260
Benzidine			ND	770	ND	700	ND	760	ND	740	ND	750	ND	720	ND	7,700	ND	740	ND	720	ND	680	ND	750
Benzo(a)pyrene	1,000	1,000	**3,500**	270	**260**	250	ND	260	ND	260	**1,500**	260	**1,200**	250	ND	2,700	ND	260	**220**	250	ND	240	**890**	260
Benzo(b)fluoranthene	1,000	1,000	**4,000**	270	**300**	250	**160**	260	ND	260	**1,900**	260	**1,600**	250	ND	2,700	ND	260	**310**	250	ND	240	**1,100**	260
Benzo(ghi)perylene	100,000	100,000	**2,700**	270	**190**	250	ND	260	ND	260	**1,000**	260	**850**	250	ND	2,700	ND	260	**170**	250	ND	240	**580**	260
Benzo(k)fluoranthene	800	1,000	**1,300**	270	ND	250	ND	260	ND	260	**680**	260	**510**	250	ND	2,700	ND	260	ND	250	ND	240	**400**	260
Benzoic acid			ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	1,900	ND	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	ND	1,900
Benzyl butyl phthalate			ND	270	ND	250	ND	260	ND	260	**ND**	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Bis(2-chloroethoxy)methane			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Bis(2-chloroethyl)ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Bis(2-chloroisopropyl)ether			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Bis(2-ethylhexyl)phthalate			ND	270	ND	250	ND	260	ND	260	**3,100**	260	**6,200**	250	ND	2,700	ND	260	ND	250	ND	240	**3,000**	260
Carbazole			**730**	1,900	ND	1,800	ND	1,900	ND	1,800	**1,000**	1,900	**910**	1,800	ND	19,000	ND	1,900	ND	1,800	ND	1,700	**550**	1,900
Chrysene	1,000	1,000	**4,900**	270	**340**	250	**140**	260	ND	260	**2,200**	260	**1,800**	250	ND	2,700	ND	260	**270**	250	ND	240	**1,400**	260
Dibenz(a,h)anthracene	330	330	**560**	270	ND	250	ND	260	ND	260	**330**	260	**220**	250	ND	2,700	ND	260	ND	250	ND	240	**160**	260
Dibenzofuran	7,000	59,000	**350**	270	ND	250	ND	260	ND	260	**570**	260	**440**	250	ND	2,700	ND	260	ND	250	ND	240	**350**	260
Diethyl phthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Dimethylphthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Di-n-butylphthalate			ND	270	ND	250	ND	260	ND	260	**ND**	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Di-n-octylphthalate			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Fluoranthene	100,000	100,000	**8,100**	270	**840**	250	**380**	260	**170**	260	**4,500**	260	**3,600**	250	ND	2,700	ND	260	**490**	250	ND	240	**3,200**	260
Fluorene	30,000	100,000	**710**	270	ND	250	ND	260	ND	260	**830**	260	**580**	250	ND	2,700	ND	260	ND	250	ND	240	**490**	260
Hexachlorobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Hexachlorobutadiene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Hexachlorocyclopentadiene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Hexachloroethane			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Indeno(1,2,3-cd)pyrene	500	500	**2,000**	270	**140**	250	ND	260	ND	260	**870**	260	**690**	250	ND	2,700	ND	260	**140**	250	ND	240	**500**	260
Isophorone			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Naphthalene	12,000	100,000	**160**	270	ND	250	ND	260	ND	260	**870**	260	**630**	250	ND	2,700	ND	260	ND	250	ND	240	**490**	260
Nitrobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
N-Nitrosodimethylamine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
N-Nitrosodi-n-propylamine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
N-Nitrosodiphenylamine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Pentachloronitrobenzene			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Pentachlorophenol	800	2,400	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Phenanthrene	100,000	100,000	**9,200**	270	**740**	250	**400**	260	**190**	260	**6,800**	260	**5,400**	250	ND	2,700	ND	260	**280**	250	ND	240	**4,200**	260
Phenol	330	100,000	ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260
Pyrene	100,000	100,000	**8,900**	270	**1,000**	250	**350**	260	**150**	260	**3,700**	260	**3,000**	250	ND	2,700	ND	260	**430**	250	ND	240	**2,700**	260
Pyridine			ND	270	ND	250	ND	260	ND	260	ND	260	ND	250	ND	2,700	ND	260	ND	250	ND	240	ND	260

Notes:

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

ND - Not-detected

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
853 Lexington Ave,
Brooklyn, New York
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				Duplicate (SB3 0-2')	
			(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg		(0-2') µg/Kg		(4-6') 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
4,4' -DDD	3.3	2,600	ND	2.7	ND	2.5	ND	2.8	ND	2.6	ND	2.6	ND	2.6	ND*	270	ND*	270	ND	2.6	ND	2.4	ND	2.6
4,4' -DDE	3.3	1,800	**4.4**	2.7	ND	2.5	ND	2.8	ND	2.6	ND	2.6	**3.6**	2.6	ND*	270	ND*	270	ND	2.6	ND	2.4	**3.4**	2.6
4,4' -DDT	3.3	1,700	ND	2.7	ND	2.5	ND	2.8	ND	2.6	ND	2.6	ND	2.6	ND*	270	ND*	270	ND	2.6	ND	2.4	ND	2.6
a-BHC	20	97	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
a-Chlordane			ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6
Aldrin	5	19	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
b-BHC	36	72	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
Chlordane			ND	22	ND	21	ND	23	ND	22	ND	22	ND	21	ND*	2200	ND*	2300	ND	22	ND	20	ND	22
d-BHC	40	100,000	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
Dieldrin	5	39	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
Endosulfan I	2,400	4,800	ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6
Endosulfan II	2,400	4,800	ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6
Endosulfan sulfate	2,400	4,800	ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6
Endrin	14	2,200	ND*	9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
Endrin aldehyde			ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6
Endrin ketone			ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
g-BHC	100	280	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
g-Chlordane			ND	3.7	ND	3.4	ND	3.8	ND	3.6	ND	3.7	ND	3.6	ND*	370	ND*	380	ND	3.6	ND	3.4	ND	3.6
Heptachlor	42	420	ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
Heptachlor epoxide			ND	1.9	ND	1.7	ND	1.9	ND	1.8	ND	1.8	ND	1.8	ND*	180	ND*	190	ND	1.8	ND	1.7	ND	1.8
Methoxychlor			ND	7.5	ND	6.9	ND	7.7	ND	7.3	ND	7.4	ND	7.1	ND*	740	ND*	760	ND	7.2	ND	6.8	ND	7.3
Toxaphene			ND	36	ND	33	ND	37	ND	35	ND	35	ND	34	ND*	3600	ND*	3600	ND	34	ND	32	ND	35
PCB-1016	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1221	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1232	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1242	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1248	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1254	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1260	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1262	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36
PCB-1268	100	1,000	ND	37	ND	34	ND	38	ND	36	ND	37	ND	36	ND	37	ND	38	ND	36	ND	34	ND	36

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reported.

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

ND - Non-Detect

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

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

TABLE 5
853 Lexington Ave,
Brooklyn, New York
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				Duplicate (SB3 0-2')	
			(0-2') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(4-6') mg/Kg		(0-2') mg/Kg		(4-6') 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
Aluminum			12,900	34	4,690	35	13,800	35	5,190	37	9,150	36	5,120	37	6,980	40	8,790	36	6,150	34	3,490	35	9,530	40
Antimony			BRL	1.7	BRL	1.7	BRL	1.7	BRL	1.9	BRL	1.8	BRL	1.9	BRL	2	BRL	1.8	BRL	1.7	BRL	1.8	BRL	2
Arsenic	13	16	3.5	0.7	1.5	0.7	4.8	0.7	0.8	0.7	3.5	0.7	3.3	0.7	2.7	0.8	1.8	0.7	5.4	0.7	BRL	0.7	4.2	0.8
Barium	350	350	90.9	0.7	35.6	0.7	34.8	0.7	14.7	0.7	63	0.7	24.1	0.7	1,140	0.8	39.1	0.7	39	0.7	8.9	0.7	57.3	0.8
Beryllium	7.2	14	0.76	0.27	0.24	0.28	0.48	0.28	0.28	0.3	0.48	0.29	0.28	0.3	0.39	0.32	0.48	0.29	0.28	0.28	0.17	0.28	0.45	0.32
Cadmium	2.5	2.5	0.55	0.34	0.19	0.35	0.78	0.35	0.23	0.37	0.26	0.36	0.23	0.37	0.2	0.4	0.31	0.36	0.44	0.34	BRL	0.35	0.31	0.4
Calcium			4,160	3.4	3410	3.5	1,740	3.5	3,330	3.7	5,720	3.6	2,220	3.7	9,990	4	683	3.6	19,100	34	279	3.5	7,450	4
Chromium			31.5	0.34	9.42	0.35	23.2	0.35	10.8	0.37	14.1	0.36	11.4	0.37	11.2	0.4	19.5	0.36	15.1	0.34	7.36	0.35	18.4	0.4
Cobalt			9.01	0.34	3.87	0.35	6.46	0.35	4.6	0.37	3.59	0.36	3.23	0.37	2.5	0.4	5.99	0.36	3.13	0.34	2.5	0.35	3.98	0.4
Copper	50	270	24.9	0.34	7.96	0.35	11.2	0.35	9.16	0.37	11.2	0.36	10.3	0.37	15.5	0.4	11.9	0.36	14.5	0.34	5.21	0.35	10.9	0.4
Iron			29,200	34	9,790	35	20,500	35	10,600	37	12,000	36	11,600	37	9,100	4	17,300	36	14,100	34	6,990	3.5	14,300	40
Lead	63	400	59	0.7	20.6	0.7	27.2	0.7	6.1	0.7	66	0.7	28.2	0.7	64	0.8	5.2	0.7	56.1	0.7	1.7	0.7	64.7	0.8
Magnesium			4,330	3.4	1,540	3.5	2,120	3.5	1,950	3.7	1,570	3.6	1,590	3.7	2,490	4	2,850	3.6	2,490	3.4	1,100	3.5	1,760	4
Manganese	1,600	2,000	366	3.4	239	3.5	147	3.5	296	3.7	276	3.6	211	3.7	192	4	235	3.6	160	3.4	201	3.5	263	4
Mercury	0.18	0.81	1.47	0.07	BRL	0.09	0.12	0.09	BRL	0.08	0.09	0.09	BRL	0.08	0.06	0.07	BRL	0.09	BRL	0.09	BRL	0.08	0.1	0.07
Nickel	30	140	20.5	0.34	7.98	0.35	11.8	0.35	10.8	0.37	9.62	0.36	10.6	0.37	7.39	0.4	14	0.36	8.62	0.34	6.9	0.35	10.5	0.4
Potassium			2,440	7	502	7	831	7	621	7	634	7	521	7	744	8	1,260	7	837	7	378	7	567	8
Selenium	3.9	36	BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.5	BRL	1.5	BRL	1.5	BRL	1.6	BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.6
Silver	2	36	BRL	0.34	BRL	0.35	BRL	0.35	BRL	0.37	BRL	0.36	BRL	0.37	BRL	0.4	BRL	0.36	BRL	0.34	BRL	0.35	BRL	0.4
Sodium			255	7	68	7	83	7	99	7	71	7	47	7	277	8	64	7	261	7	35	7	70	8
Thallium			BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.5	BRL	1.5	BRL	1.5	BRL	1.6	BRL	1.4	BRL	1.4	BRL	1.4	BRL	1.6
Vanadium			40.9	0.3	11.5	0.3	30.9	0.3	13.2	0.4	18.2	0.4	14.1	0.4	16.2	0.4	25.7	0.4	18.5	0.3	8.2	0.4	21.5	0.4
Zinc	109	2,200	75.3	0.7	28	0.7	152	6.9	30.1	0.7	44	0.7	25.6	0.7	48	0.8	28.8	0.7	69.7	0.7	10.9	0.7	58	0.8

Notes:

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

BRL - Below Reporting Limit

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

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

TABLE 6
853 Lexington Ave,
Brooklyn , New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate (MW1) µg/L	
1,1,1,2-Tetrachlorothane	5	ND	1	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane	5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,1,2-Trichloroethane	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
1,1-Dichloropropene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,2-Dibromo-3-chloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2-Dibromoethane	5	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	0.6	ND	1	ND	1	ND	1	ND	1
1,2-Dichloethane	0.94	ND	0.6	ND	0.6	ND	0.6	ND	0.6
1,2-Dibropropane		ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
1,3-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
2,2-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
2-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
2-Hexanone (Methyl Butyl Ketone)		ND	5	ND	5	ND	5	ND	5
2-Isopropyltoluene	5	ND	1	ND	1	ND	1	ND	1
4-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-Pentanone		ND	5	ND	5	ND	5	ND	5
Acetone		ND	25	ND	25	ND	25	ND	25
Acrylonitrile	5	ND	5	ND	5	ND	5	ND	5
Benzene	1	ND	0.7	ND	0.7	ND	0.7	ND	0.7
Bromobenzene	5	ND	1	ND	1	ND	1	ND	1
Bromochloromethane	5	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Bromoform		ND	1	ND	1	ND	1	ND	1
Bromomethane	5	ND	1	ND	1	ND	1	ND	1
Carbon Disulfide	60	ND	5	ND	5	ND	5	ND	5
Carbon tetrachloride	5	ND	1	ND	1	ND	1	ND	1
Chlorobenzene	5	ND	1	ND	1	ND	1	ND	1
Chloroethane	5	ND	1	ND	1	ND	1	ND	1
Chloroform	7	ND	1	ND	1	ND	1	ND	1
Chloromethane	60	ND	1	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene	5	**3.3**	1	**1.6**	1	**4.4**	1	**3.3**	1
cis-1,3-Dichloropropene		ND	0.4	ND	0.4	ND	0.4	ND	0.4
Dibromochloromethane		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Dibromomethane	5	ND	1	ND	1	ND	1	ND	1
Dichlorodifluoromethane	5	ND	1	ND	1	ND	1	ND	1
Ethylbenzene	5	ND	1	ND	1	ND	1	ND	1
Hexachlorobutadiene	0.5	ND	0.4	ND	0.4	ND	0.4	ND	0.4
Isopropylbenzene	5	ND	1	ND	1	ND	1	ND	1
m&p-Xylenes	5	ND	1	ND	1	ND	1	ND	1
Methyl Ethyl Ketone (2-Butanone)		ND	5	ND	5	ND	5	ND	5
Methyl t-butyl ether (MTBE)	10	ND	1	ND	1	ND	1	ND	1
Methylene chloride	5	ND	1	ND	1	**3.8**	1	ND	1
Naphthalene	10	ND	1	ND	1	ND	1	ND	1
n-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
n-Propylbenzene	5	ND	1	ND	1	ND	1	ND	1
o-Xylene	5	ND	1	ND	1	ND	1	ND	1
p-Isopropyltoluene		ND	1	ND	1	ND	1	ND	1
sec-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Styrene	5	ND	1	ND	1	ND	1	ND	1
tert-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	5	**50**	5	**15**	1	**110**	10	**47**	5
Tetrahydrofuran (THF)		ND	2.5	ND	2.5	ND	2.5	ND	2.5
Toluene	5	ND	1	ND	1	ND	1	ND	1
Total Xylenes	5	ND	2	ND	2	ND	2	ND	2
trans-1,2-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0.4
trans-1,4-dichloro-2-butene	5	ND	5	ND	5	ND	5	ND	5
Trichloroethene	5	**61**	5	**23**	1	**85**	10	**57**	5
Trichlorofluoromethane	5	ND	1	ND	1	ND	1	ND	1
Trichlorotrifluoroethane		ND	1	ND	1	ND	1	ND	1
Vinyl Chloride	2	ND	1	ND	1	ND	1	ND	1

Notes:
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
853 Lexington Ave,
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate (MW1) µg/L	
1,2,4,5-Tetrachlorobenzene		ND	1.7	ND	1.7	ND	1.8	ND	1.9
1,2,4-Trichlorobenzene		ND	5.3	ND	5.3	ND	5.6	ND	5.3
1,2-Dichlorobenzene		ND	4	ND	4	ND	5.6	ND	4
1,2-Diphenylhdrazine		ND	5.3	ND	5.3	ND	5.6	ND	5.3
1,3-Dichlorobenzene		ND	3	ND	3	ND	5.6	ND	3
1,4-Dichlorobenzene		ND	5	ND	5	ND	5.6	ND	5
2,4,5-Trichlorophenol	3	ND	1	ND	1	ND	11	ND	1
2,4,6-Trichlorophenol	3	ND	1	ND	1	ND	11	ND	1
2,4-Dichlorophenol		ND	1	ND	1	ND	11	ND	1
2,4-Dimethylphenol		ND	1	ND	1	ND	11	ND	1
2,4-Dinitrophenol		ND	1	ND	1	ND	56	ND	1
2,4-Dinitrotoluene	5	ND	5	ND	5	ND	5.6	ND	5
2,6-Dinitrotoluene	5	ND	5	ND	5	ND	5.6	ND	5
2-Chloronaphthalene	10	ND	5.3	ND	5.3	ND	5.6	ND	5.3
2-Chlorophenol		ND	1	ND	1	ND	11	ND	1
2-Methylnaphthalene		ND	5.3	ND	5.3	ND	5.6	ND	5.3
2-Methylphenol (o-cresol)		ND	1	ND	1	ND	11	ND	1
2-Nitroaniline	5	ND	5	ND	5	ND	56	ND	5
2-Nitrophenol		ND	1	ND	1	ND	11	ND	1
3&4-Methylphenol (m&p-cresol)		ND	11	ND	11	ND	11	ND	11
3,3'-Dichlorobenzidine	5	ND	5	ND	5	ND	56	ND	5
3-Nitroaniline	5	ND	5	ND	5	ND	56	ND	5
4,6-Dinitro-2-methylphenol		ND	1	ND	1	ND	56	ND	1
4-Bromophenyl phenyl ether		ND	5.3	ND	5.3	ND	5.6	ND	5.3
4-Chloro-3-methylphenol		ND	1	ND	1	ND	22	ND	1
4-Chloroaniline	5	ND	5	ND	5	ND	22	ND	5
4-Chlorophenyl phenyl ether		ND	5.3	ND	5.3	ND	5.6	ND	5.3
4-Nitroaniline	5	ND	5	ND	5	ND	22	ND	5
4-Nitrophenol		ND	1	ND	1	ND	56	ND	1
Acenaphthene	20	ND	0.053	ND	0.053	**0.11**	0.056	ND	0.059
Acenaphthylene		ND	0.053	ND	0.053	ND	0.056	ND	0.059
Acetophenone		ND	5.3	ND	5.3	ND	5.6	ND	5.3
Aniline		ND	5	ND	5	ND	11	ND	5
Anthracene	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Benzo(a)anthracene	0.002	**0.074**	0.042	**0.063**	0.042	**0.28**	0.044	ND	0.047
Benzidine	5	ND	5	ND	5	ND	56	ND	5
Benzo(a)pyrene		ND	0.053	ND	0.053	**0.2**	0.056	ND	0.059
Benzo(b)fluoranthene	0.002	**0.063**	0.053	**0.053**	0.053	**0.3**	0.056	ND	0.059
Benzo(g,h,i)perylene		ND	3.2	ND	3.2	ND	3.3	ND	3.5
Benzo(k)fluoranthene	0.002	ND	0.053	ND	0.053	**0.11**	0.056	ND	0.059
Benzoic Acid		ND	50	ND	50	ND	56	ND	50
Benzyl Butyl phthalate		ND	5.3	ND	5.3	ND	5.6	ND	5.3
Bis(2-chloroethoxy)methane	5	ND	5	ND	5	ND	5.6	ND	5
Bis(2-chloroethyl)ether	1	ND	1	ND	1	ND	5.6	ND	1
Bis(2-chloroisopropyl)ether		ND	5.3	ND	5.3	ND	5.6	ND	5.3
Bis(2-ethylhexyl)phthalate	5	ND	1.7	**4.3**	1.7	**40**	1.8	ND	1.9
Carbazole		ND	5.3	ND	5.3	ND	5.6	ND	5.3
Chrysene	0.002	**0.074**	0.053	**0.053**	0.053	**0.33**	0.056	ND	0.059
Dibenzo(a,h)anthracene		ND	0.011	ND	0.011	**0.044**	0.011	ND	0.012
Dibenzofuran		ND	5	ND	5	ND	5.6	ND	5
Diethylphthalate	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Dimethylphthalate	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Di-n-butylphthalate	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Di-n-octylphthalate	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Fluoranthene	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Hexachlorobenzene	0.04	ND	0.063	ND	0.063	ND	0.067	ND	0.071
Fluorene	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Hexachlorobutadiene	0.5	ND	0.5	ND	0.5	ND	5.6	ND	0.5
Hexachlorocyclopentadiene	5	ND	5	ND	5	ND	5.6	ND	5
Hexachloroethane	5	ND	2.5	ND	2.5	ND	2.7	ND	2.8
Indeno(1,2,3-cd)pyrene	0.002	ND	0.053	ND	0.053	**0.13**	0.056	ND	0.059
Isophorone	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Naphthalene	10	ND	5	ND	5	ND	5.6	ND	5
Nitrobenzene	0.4	ND	0.4	ND	0.4	ND	5.6	ND	0.4
N-Nitrosodimethylamine		ND	5.3	ND	5.3	ND	5.6	ND	5.3
N-Nitrosodi-n-propylamine		ND	5.3	ND	5.3	ND	5.6	ND	5.3
N-Nitrosodiphenylamine	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Pentachloronitrobenzene		ND	0.11	ND	0.11	ND	0.11	ND	0.12
Pentachlorophenol		ND	0.84	ND	0.84	ND	0.89	ND	0.94
Phenanthrene	50	**0.13**	0.053	**0.063**	0.053	**0.79**	0.056	ND	0.059
Phenol		ND	1	ND	1	ND	5.6	ND	1
Pyrene	50	ND	5.3	ND	5.3	ND	5.6	ND	5.3
Pyridine		ND	0.53	ND	0.53	ND	0.56	ND	0.59

Notes:
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
853 Lexington Ave,
Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate (MW1) µg/L	
PCB-1016	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1221	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1232	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1242	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1248	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1254	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1260	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1262	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
PCB-1268	**0.09**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
4,4-DDD	**0.3**	ND	0.01	ND	0.01	ND	0.009	ND	0.01
4,4-DDE	**0.2**	ND	0.01	ND	0.01	ND	0.009	ND	0.01
4,4-DDT	**0.11**	ND	0.01	ND	0.01	ND	0.009	ND	0.01
a-BHC	**0.94**	ND	0.01	ND	0.01	ND	0.009	ND	0.01
Alachlor		ND	0.075	ND	0.075	ND	0.13	ND	0.075
Aldrin		ND	0.002	ND	0.002	ND	0.003	ND	0.002
b-BHC	**0.04**	ND	0.005	ND	0.005	ND	0.009	ND	0.005
Chlordane	**0.05**	ND	0.05	ND	0.05	ND	0.043	ND	0.05
d-BHC	**0.04**	ND	0.025	ND	0.025	ND	0.04	ND	0.025
Dieldrin	**0.004**	ND	0.002	ND	0.002	ND*	0.014	ND	0.002
Endosulfan I		ND	0.05	ND	0.05	ND	0.086	ND	0.05
Endosulfan II		ND	0.05	ND	0.05	ND	0.086	ND	0.05
Endosulfan Sulfate		ND	0.05	ND	0.05	ND	0.086	ND	0.05
Endrin		ND	0.01	ND	0.01	ND	0.009	ND	0.01
Endrin aldehyde	**5**	ND	0.05	ND	0.05	ND	0.086	ND	0.05
Endrin ketone		ND	0.05	ND	0.05	ND	0.086	ND	0.05
gamma-BHC	**0.05**	ND	0.025	ND	0.025	ND	0.043	ND	0.025
Heptachlor	**0.04**	ND	0.01	ND	0.01	ND	0.009	ND	0.01
Heptachlor epoxide	**0.03**	ND	0.01	ND	0.01	ND	0.009	ND	0.01
Methoxychlor	**35**	ND	0.1	ND	0.1	ND	0.17	ND	0.1
Toxaphene		ND	0.25	ND	0.25	ND	0.43	ND	0.25

Notes:
ND - Non-detect
ND* - Due to matrix interference from non target compounds in the sample an elevated RL was reported.
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
853 Lexington Ave,
Brooklyn, New York
Groundwater Analytical Results
TAL Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW1 mg/L		MW2 mg/L		MW3 mg/L		Duplicate (MW1) mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	**NS**	**24.50**	0.01	**42.10**	0.05	**55.20**	0.05	**25.50**	0.01
Antimony	**0.003**	BRL	0.003	BRL	0.003	BRL	0.003	BRL	0.003
Arsenic	**0.025**	**0.006**	0.004	**0.009**	0.004	**0.022**	0.004	**0.007**	0.004
Barium	**1**	**0.289**	0.002	**0.343**	0.002	**0.481**	0.002	**0.300**	0.002
Beryllium	**0.003**	**0.001**	0.001	**0.002**	0.001	**0.003**	0.001	**0.001**	0.001
Cadmium	**0.005**	**0.002**	0.001	**0.003**	0.001	**0.005**	0.001	**0.002**	0.001
Calcium	**NS**	**66**	0.01	**53**	0.01	**44.8**	0.01	**69.2**	0.01
Chromium	**0.05**	**0.105**	0.001	**0.193**	0.001	**0.242**	0.001	**0.111**	0.001
Cobalt	**NS**	**0.056**	0.002	**0.079**	0.002	**0.103**	0.002	**0.062**	0.002
Copper	**0.2**	**0.096**	0.005	**0.156**	0.005	**0.215**	0.005	**0.101**	0.005
Iron	**0.5**	**97.1**	0.010	**129**	0.010	**213**	0.050	**104**	0.010
Lead	**0.025**	**0.044**	0.002	**0.046**	0.002	**0.093**	0.002	**0.040**	0.002
Magnesium	**35**	**39.1**	0.010	**36.6**	0.010	**48.20**	0.010	**40.8**	0.010
Manganese	**0.3**	**5.0**	0.005	**6.61**	0.005	**8.02**	0.005	**5.01**	0.005
Mercury	**0.0007**	BRL	0.000	BRL	0.000	BRL	0.000	BRL	0.000
Nickel	**0.1**	**0.137**	0.001	**0.137**	0.001	**0.253**	0.001	**0.140**	0.001
Potassium	**NS**	**12.4**	0.100	**11.8**	0.100	**14.1**	0.100	**12.3**	0.100
Selenium	**0.01**	BRL	0.010	BRL	0.010	BRL	0.010	BRL	0.010
Silver	**0.05**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Sodium	**2**	**34**	0.100	**35**	0.100	**14**	0.100	**34**	0.100
Thallium	**0.0005**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Vanadium	**NS**	**0.099**	0.002	**0.120**	0.002	**0.196**	0.002	**0.104**	0.002
Zinc	**2**	**0.131**	0.002	**0.482**	0.002	**0.387**	0.002	**0.135**	0.002

Notes:
BRL - Below Reporting Limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
853 Lexington Ave
Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		Duplicate (MW1)	
	mg/L	mg/L		mg/L		mg/L		mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	**NS**	BRL	0.01	**0.07**	0.01	**0.14**	0.01	BRL	0.01
Antimony	**0.003**	BRL	0.003	BRL	0.003	BRL	0.003	BRL	0.003
Arsenic	**0.025**	**0.004**	0.004	**0.004**	0.004	BRL	0.004	BRL	0.004
Barium	**1**	**0.081**	0.002	**0.045**	0.002	**0.03**	0.002	**0.078**	0.002
Beryllium	**0.003**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Cadmium	**0.005**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Calcium	**NS**	**67**	0.01	**48**	0.01	**32**	0.01	**67**	0.01
Chromium	**0.05**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Cobalt	**NS**	**0.004**	0.001	**0.005**	0.001	BRL	0.001	**0.004**	0.001
Copper	**0.2**	BRL	0.005	BRL	0.005	BRL	0.005	BRL	0.005
Iron	**0.5**	**0.057**	0.011	**0.07**	0.011	**0.16**	0.011	**0.08**	0.011
Lead	**0.025**	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002
Magnesium	**35**	**30**	0.01	**22**	0.01	**22**	0.01	**28**	0.01
Manganese	**0.3**	**2.490**	0.011	**4.520**	0.011	**1.22**	0.001	**2.030**	0.001
Mercury	**0.0007**	BRL	0.0002	BRL	0.0002	BRL	0.0002	BRL	0.0002
Nickel	**0.1**	**0.047**	0.001	**0.014**	0.001	**0.017**	0.001	**0.041**	0.001
Potassium	**NS**	**7**	0.1	**4**	0.1	**3**	0.1	**6**	0.1
Selenium	**0.01**	BRL	0.01	BRL	0.01	BRL	0.01	BRL	0.01
Silver	**0.05**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Sodium	**2**	**35**	0.11	**40**	0.11	**12**	0.11	**36**	0.11
Thallium	**0.0005**	BRL	0.0005	BRL	0.0005	BRL	0.0005	BRL	0.0005
Vanadium	**NS**	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002
Zinc	**2**	**0.003**	0.002	**0.006**	0.002	**0.002**	0.002	**0.003**	0.002

Notes:
BRL - Below Reporting Limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 11
853 Lexington Ave,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SG-1 (µg/m3)		SG-2 (µg/m3)		SG-3 (µg/m3)		SG-4 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			ND	1	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	ND	1	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane		<1.5	ND	1	ND	1	ND	1	ND	1
1,1,2-Trichloroethane		<1.0	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane		<1.0	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethene		<1.0	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		NA	ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene		<1.0	**1.57**	1	**2.9**	1	**2.01**	1	**2.01**	1
1,2-Dibromoethane		<1.5	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane		<1.0	ND	1	ND	1	ND	1	ND	1
1,2-Dichloropropane			ND	1	ND	1	ND	1	ND	1
1,2-Dichlorotetrafluoroethane			ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene		<1.0	ND	1	ND	1	ND	1	ND	1
1,3-Butadiene		NA	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene		NA	ND	1	ND	1	ND	1	ND	1
1,4-Dioxane			ND	1	ND	1	ND	1	ND	1
2-Hexanone			ND	1	ND	1	ND	1	ND	1
4-Ethyltoluene		NA	ND	1	ND	1	ND	1	ND	1
4-Isopropyltoluene			ND	1	ND	1	ND	1	ND	1
4-Methyl-2-pentanone			ND	1	**1.8**	1	ND	1	ND	1
Acetone		NA	**6.1**	1	**5.58**	1	**4.49**	1	**6.62**	1
Acrylonitrile			ND	1	ND	1	ND	1	ND	1
Benzene		<1.6 - 4.7	ND	1	**1.53**	1	**1.21**	1	**1.6**	1
Benzyl Chloride		NA	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane		<5.0	ND	1	ND	1	**1.14**	1	ND	1
Bromoform		<1.0	ND	1	ND	1	ND	1	ND	1
Bromomethane		<1.0	ND	1	ND	1	ND	1	ND	1
Carbon Disulfide		NA	**13.2**	1	**1.03**	1	**10.7**	1	ND	1
Carbon Tetrachloride	5	<3.1	**0.566**	0.25	**2.45**	0.25	**0.566**	0.25	**1.19**	0.25
Chlorobenzene		<2.0	ND	1	ND	1	ND	1	ND	1
Chloroethane		NA	ND	1	ND	1	ND	1	ND	1
Chloroform		<2.4	ND	1	**4.44**	1	**1.12**	1	**3.81**	1
Chloromethane		<1.0 - 1.4	ND	1	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene		<1.0	ND	1	**229**	1	ND	1	**3.25**	1
cis-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1	ND	1
Cyclohexane		NA	ND	1	ND	1	**1.14**	1	**1.51**	1
Dibromochloromethane		<5.0	ND	1	ND	1	ND	1	ND	1
Dichlorodifluromethane		NA	**2.47**	1	**2.92**	1	**2.67**	1	**2.82**	1
Ethanol			**36.7**	1	**39.5**	1	**44.1**	1	**25.2**	1
Ethyl Acetate		NA	**6.59**	1	**6.34**	1	**7.96**	1	**6.59**	1
Ethylbenzene		<4.3	ND	1	**7.81**	1	**1.17**	1	ND	1
Heptane		NA	ND	1	ND	1	ND	1	ND	1
Hexachlorobutadiene		NA	ND	1	ND	1	ND	1	ND	1
Hexane		<1.5	ND	1	ND	1	ND	1	ND	1
Isopropylalcohol		NA	ND	1	ND	1	ND	1	ND	1
Isopropylbenzene			ND	1	ND	1	ND	1	ND	1
Xylene (m&p)		<4.3	**2.04**	1	**22.6**	1	**3.52**	1	**2.91**	1
Methyl Ethyl Ketone			**1.18**	1	**1.03**	1	ND	1	**2.48**	1
MTBE		NA	ND	1	ND	1	ND	1	ND	1
Methylene Chloride		<3.4	**2.15**	1	**4.58**	1	ND	1	**1.42**	1
n-Butylbenzene			ND	1	ND	1	ND	1	ND	1
Xylene (o)		<4.3	ND	1	**10.5**	1	**1.74**	1	**1.39**	1
Propylene		NA	ND	1	ND	1	**7.28**	1	ND	1
sec-Butylbenzene			ND	1	ND	1	ND	1	ND	1
Styrene		<1.0	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	100		**42.3**	0.25	**9,290**	0.25	**10,400**	0.25	**6,980**	0.25
Tetrahydrofuran		NA	ND	1	**1.21**	1	ND	1	ND	1
Toluene		1.0 - 6.1	**3.2**	1	**5.91**	1	**4.71**	1	**4.82**	1
trans-1,2-Dichloroethene		NA	ND	1	**1.19**	1	ND	1	ND	1
trans-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1	ND	1
Trichloroethene	5	<1.7	**13.7**	0.25	**3,290**	0.25	**142**	0.25	**1,110**	0.25
Trichlorofluoromethane		NA	**1.24**	1	**1.29**	1	**1.46**	1	**1.29**	1
Trichlorotrifluoroethane			ND	1	ND	1	ND	1	ND	1
Vinyl Chloride		<1.0	ND	0.25	ND	0.25	ND	0.25	ND	0.25

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 values)

Value detected above NYSDOH Air Guidance Value of which would require at a minimum, monitoring.

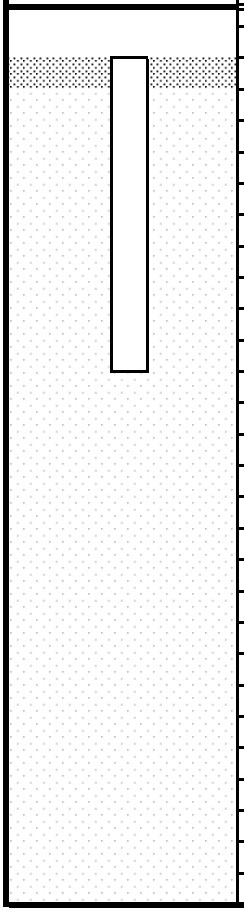
Boring Logs

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the souheast corner of the site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	Groundwater depth 43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		Installed MW1 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca		

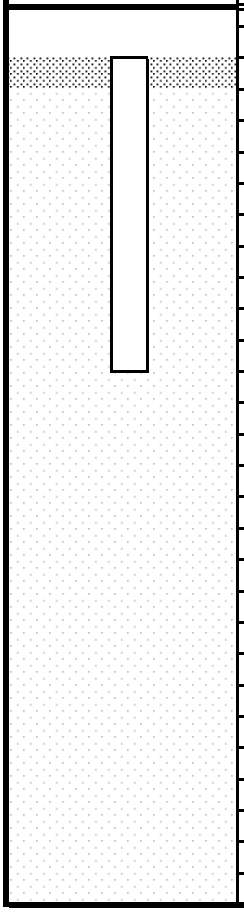
B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	8" - Concrete. 17" - Historic fill comprised of coal, broken brick, gravel in a silty sand matrix. 16" - Fine brown silty sand with no gravel. **Retained Soil Sample (0-2')*.
	to 10	50		0.0	5" - Cave in. 40" - Tan coarse sand. 8" - Firm, fine brown silty sand. **Retained Soil Sample (4-6')*.

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the southeast corner of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet		Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013			Installed MW2 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca			

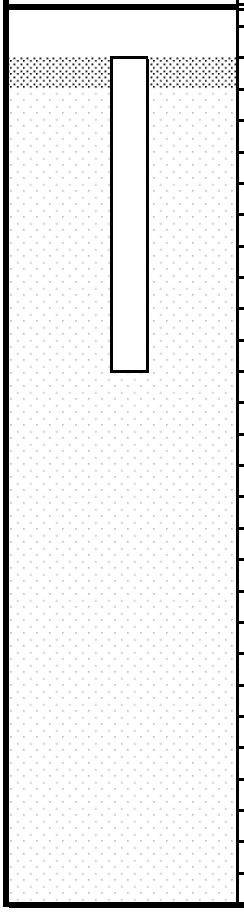
B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	5" - Concrete followed by sandy fill material and coal ash. 3" - Dark brown sandy fill with gravel 18" - Moist, firm, brown silty sand with no gravel. 14" - Coarse brown sand with coal odor. **Retained Soil Sample (0-2').*
	to 10	60		0.0	20" - Coarse brown sand. 20" - Moist, loose brown sandy loam and no gravel. 20" - Fine brown silty sand, firm with no gravel. **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the rear (northwest) corner of the site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		Installed MW3 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca		

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	48		0.0	8" - Concrete followed by sandy fill material and coal ash. 8" - Dark brown historic fill in a silty sand matrix. 22" - Firm brown silty sand with little to no gravel. 10" - Coarse brown sand with no gravel. **Retained Soil Sample (0-2') and Duplicate.*
	to 10	50		0.0	6" - Coarse brown sand and a 3" large stone. 30" - Coarse brown sand. The bottom 10" saturated. 14" - Fine brown sandy loam, firm **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed north of soil boring B2 in the center of the building.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		None
Completion Depth: 10'	Geologist D.Mosca		

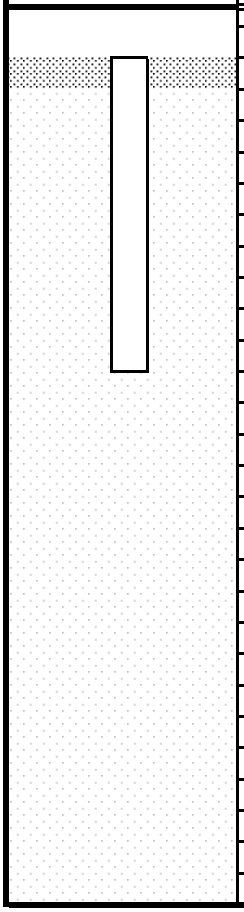
B4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	55		0.0	6" - Concrete (2") followed by sandy fill material and coal ash. 5" - Red brick. 21" - Fine brown silty sand, firm with little to no gravel. 23" - Coarse brown sand. **Retained Soil Sample (0-2').*
	to 10	60		0.0	16" - Large stone and cave in. 26" - Coarse brown sand with little to no gravel. 18" - Firm brown silty sand with little to no gravel. **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the souheast corner of the site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	Groundwater depth 43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		Installed MW1 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca		

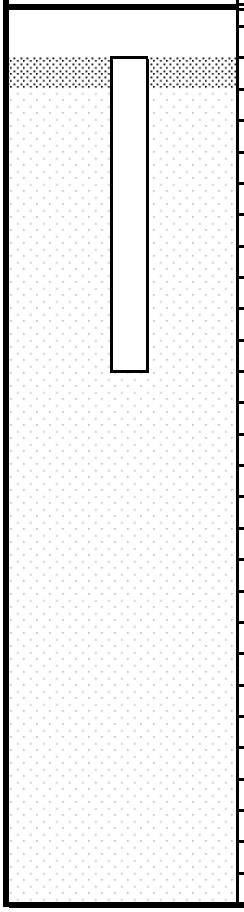
B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	8" - Concrete. 17" - Historic fill comprised of coal, broken brick, gravel in a silty sand matrix. 16" - Fine brown silty sand with no gravel. **Retained Soil Sample (0-2')*.
	to 10	50		0.0	5" - Cave in. 40" - Tan coarse sand. 8" - Firm, fine brown silty sand. **Retained Soil Sample (4-6')*.

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the southeast corner of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet		Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013			Installed MW2 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca			

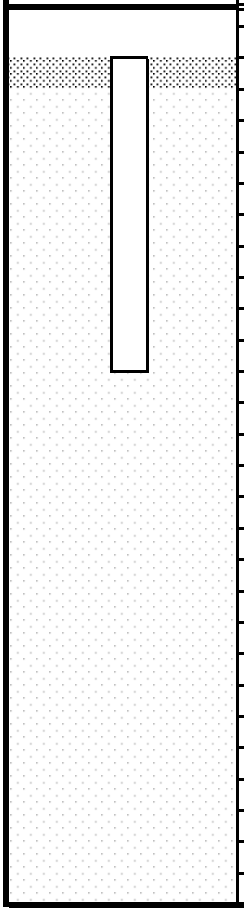
B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	5" - Concrete followed by sandy fill material and coal ash. 3" - Dark brown sandy fill with gravel 18" - Moist, firm, brown silty sand with no gravel. 14" - Coarse brown sand with coal odor. **Retained Soil Sample (0-2').*
	to 10	60		0.0	20" - Coarse brown sand. 20" - Moist, loose brown sandy loam and no gravel. 20" - Fine brown silty sand, firm with no gravel. **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the rear (northwest) corner of the site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		Installed MW3 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca		

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	48		0.0	8" - Concrete followed by sandy fill material and coal ash. 8" - Dark brown historic fill in a silty sand matrix. 22" - Firm brown silty sand with little to no gravel. 10" - Coarse brown sand with no gravel. **Retained Soil Sample (0-2') and Duplicate.*
	to 10	50		0.0	6" - Coarse brown sand and a 3" large stone. 30" - Coarse brown sand. The bottom 10" saturated. 14" - Fine brown sandy loam, firm **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed north of soil boring B2 in the center of the building.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		None
Completion Depth: 10'	Geologist D.Mosca		

B4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	55		0.0	6" - Concrete (2") followed by sandy fill material and coal ash. 5" - Red brick. 21" - Fine brown silty sand, firm with little to no gravel. 23" - Coarse brown sand. **Retained Soil Sample (0-2').*
	to 10	60		0.0	16" - Large stone and cave in. 26" - Coarse brown sand with little to no gravel. 18" - Firm brown silty sand with little to no gravel. **Retained Soil Sample (4-6').*

Laboratory Reports

PHOENIX
Environmental Laboratories, Inc.

Friday, May 31, 2013

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

Project ID: 853 LEXINGTON AVE., BROOKLYN
Sample ID#s: BD82910 - BD82922

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82910

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	12900	N	34	6.8	mg/Kg	05/28/13	LK	SW6010
Arsenic	3.5		0.7	0.68	mg/Kg	05/28/13	LK	SW6010
Barium	90.9		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.76		0.27	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	4160	N	3.4	3.1	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.55	*	0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	9.01		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	31.5		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	24.9		0.34	0.27	mg/kg	05/29/13	LK	SW6010
Iron	29200	N	34	34	mg/Kg	05/28/13	LK	SW6010
Mercury	1.47	*	0.07	0.04	mg/Kg	05/24/13	RS	SW-7471
Potassium	2440	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	4330		3.4	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	366	N	3.4	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	255		7	2.9	mg/Kg	05/28/13	LK	SW6010
Nickel	20.5		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	59.0		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	40.9		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	75.3		0.7	0.34	mg/Kg	05/28/13	LK	SW6010
Percent Solid	87				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	76			%	05/24/13	AW	30 - 150 %
% TCMX	70			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	4.4	2.7	2.7	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endrin	ND*	9.0	9.0	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND	36	36	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	93			%	05/27/13	MH	30 - 150 %
% TCMX	76			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.4	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.4	0.91	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.4	0.63	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.4	0.86	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.4	0.91	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.4	0.76	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		6.4	0.93	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.4	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.4	0.57	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.4	0.91	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.4	0.85	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.4	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.4	0.68	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.4	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		32	2.9	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.4	0.89	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.4	0.75	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		32	1.5	ug/Kg	05/25/13	R/J	SW8260	
Acetone	130	S	64	6.4	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		13	3.6	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.4	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.4	0.84	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.4	0.94	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.4	0.80	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.4	0.90	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.4	5.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.4	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.4	0.95	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.4	1.5	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.4	3.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.4	0.70	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.4	0.72	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.4	0.81	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		6.4	2.5	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		39	5.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.8	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.4	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	6.4	2.5	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND	6.4	0.93	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND	6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND	6.4	1.9	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND	6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND	6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	13	5.8	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND	6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND	6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND	6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND	6.4	2.1	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	91			%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	96			%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	100			%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND	270	95	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	270	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND	1900	390	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND	270	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND	1900	830	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND	770	180	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	1000		270	120	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	770	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	1900		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	4300		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		770	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	3500		270	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	4000		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	2700		270	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	1300		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	770	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		270	99	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		270	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	730	J	1900	290	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	4900		270	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	560		270	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	350		270	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		270	100	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		270	99	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	8100		270	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	710		270	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		270	140	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	2000		270	130	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	160	J	270	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		270	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		270	150	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		270	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		270	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	9200		270	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	8900		270	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		270	94	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	79				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	94				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	75				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	75				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Phenol-d5	76			%	05/24/13	DD	24 - 113 %	
% Terphenyl-d14	142			%	05/24/13	DD	18 - 137 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82911

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	4690	N	35	7.0	mg/Kg	05/28/13	LK	SW6010
Arsenic	1.5		0.7	0.70	mg/Kg	05/28/13	LK	SW6010
Barium	35.6		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.24	B	0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	3410	N	3.5	3.2	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.19	B*	0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.87		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	9.42		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	7.96		0.35	0.28	mg/kg	05/29/13	LK	SW6010
Iron	9790	N	35	35	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.09	*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	502	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	1540		3.5	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	239	N	3.5	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	68		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	7.98		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	20.6		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	11.5		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	28.0		0.7	0.35	mg/Kg	05/28/13	LK	SW6010
Percent Solid	94				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 4-6

Phoenix I.D.: BD82911

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	84			%	05/24/13	AW	30 - 150 %
% TCMX	78			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.5	2.5	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	21	21	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	6.9	6.9	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	33	33	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	88			%	05/24/13	MH	30 - 150 %
% TCMX	80			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.1	0.40	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	4.1	0.81	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 4-6

Phoenix I.D.: BD82911

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		4.1	0.89	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		4.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		4.1	0.55	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		4.1	0.45	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		4.1	0.36	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		4.1	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		4.1	0.43	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		4.1	0.69	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		20	1.8	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		4.1	0.57	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		20	0.97	ug/Kg	05/25/13	R/J	SW8260	
Acetone	77	S	41	4.1	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		8.2	2.3	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		4.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		4.1	0.53	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		4.1	0.60	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		4.1	0.51	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		4.1	0.57	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		4.1	3.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		4.1	0.96	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		4.1	2.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		4.1	0.89	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		4.1	0.44	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		4.1	0.46	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		4.1	0.52	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		4.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		25	3.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		8.2	1.1	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		4.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		4.1	0.74	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND	4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND	4.1	0.77	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND	4.1	1.2	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND	4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND	4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	8.2	3.7	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND	4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	4.1	0.84	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	8.2	7.6	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND	4.1	0.87	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND	4.1	0.91	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	4.1	0.64	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND	4.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	100			%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	85			%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	102			%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	99	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND	250	87	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND	1800	360	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND	250	220	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	700	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND	1800	770	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND	700	160	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 4-6

Phoenix I.D.: BD82911

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	160	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	710	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	150	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	320		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		700	210	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	260		250	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	300		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	190	J	250	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	700	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		250	91	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	97	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	95	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	98	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	340		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		250	94	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		250	91	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	840		250	110	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	140	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	740		250	100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	1000		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		250	87	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	61				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	92				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	68				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	73				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B1 4-6

Phoenix I.D.: BD82911

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	74			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	127			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82912

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	13800	N	35	6.9	mg/Kg	05/28/13	LK	SW6010
Arsenic	4.8		0.7	0.69	mg/Kg	05/28/13	LK	SW6010
Barium	34.8		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.48		0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	1740	N	3.5	3.2	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.78	*	0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	6.46		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	23.2		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	11.2		0.35	0.28	mg/kg	05/29/13	LK	SW6010
Iron	20500	N	35	35	mg/Kg	05/28/13	LK	SW6010
Mercury	0.12	*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	831	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	2120		3.5	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	147	N	3.5	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	83		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	11.8		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	27.2		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	30.9		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	152		6.9	3.5	mg/Kg	05/28/13	LK	SW6010
Percent Solid	86				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	78			%	05/24/13	AW	30 - 150 %
% TCMX	76			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.8	2.8	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.8	2.8	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.8	2.8	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	23	23	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	7.7	7.7	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	37	37	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	92			%	05/24/13	MH	30 - 150 %
% TCMX	83			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.8	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.8	1.4	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.8	0.97	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.8	0.67	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.8	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.8	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.8	0.91	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.8	0.97	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.8	0.80	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		6.8	0.98	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.8	0.75	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.8	0.60	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.8	0.97	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.8	0.90	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.8	1.0	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.8	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		34	3.1	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.8	0.94	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.8	0.79	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		34	1.6	ug/Kg	05/25/13	R/J	SW8260	
Acetone	ND		68	6.8	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		14	3.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.8	0.88	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.8	0.99	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.8	0.84	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.8	0.95	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.8	5.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.8	0.79	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.8	1.0	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.8	1.6	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.8	3.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.8	1.5	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.8	0.73	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.8	0.76	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.8	0.86	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	4.4	J	6.8	2.7	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		41	5.9	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		14	1.9	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		6.8	2.6	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		6.8	0.98	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		6.8	2.0	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	14		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		14	6.1	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		14	13	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	6.5	J	6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		6.8	1.5	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		6.8	2.2	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	95				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	93				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	210	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	94	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		760	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	820	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	410	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		760	180	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	130	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	760	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	140	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		760	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	160	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	760	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	98	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1900	290	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	140	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	98	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	380		260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	400		260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	350		260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	93	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	84				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	89				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	77				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	73				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	77			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	115			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82913

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37		0.37	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	5190	N	37	7.4	mg/Kg	05/28/13	LK	SW6010
Arsenic	0.8		0.7	0.74	mg/Kg	05/28/13	LK	SW6010
Barium	14.7		0.7	0.15	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.28	B	0.30	0.15	mg/Kg	05/28/13	LK	SW6010
Calcium	3330	N	3.7	3.4	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.23	B*	0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Cobalt	4.60		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Chromium	10.8		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Copper	9.16		0.37	0.30	mg/kg	05/29/13	LK	SW6010
Iron	10600	N	37	37	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.08	*	0.08	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	621	N	7	2.9	mg/Kg	05/28/13	LK	SW6010
Magnesium	1950		3.7	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	296	N	3.7	1.5	mg/Kg	05/28/13	EK	SW6010
Sodium	99		7	3.2	mg/Kg	05/28/13	LK	SW6010
Nickel	10.8		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Lead	6.1		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.9		1.9	0.95	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Vanadium	13.2		0.4	0.15	mg/Kg	05/28/13	LK	SW6010
Zinc	30.1		0.7	0.37	mg/Kg	05/28/13	LK	SW6010
Percent Solid	90				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 4-6

Phoenix I.D.: BD82913

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	68			%	05/24/13	AW	30 - 150 %
% TCMX	71			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	83			%	05/24/13	MH	30 - 150 %
% TCMX	75			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.7	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.7	1.3	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.7	0.95	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.7	0.65	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.7	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 4-6

Phoenix I.D.: BD82913

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.7	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.7	0.89	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.7	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.7	0.79	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		6.7	0.96	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.7	0.73	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.7	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.7	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.7	0.88	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.7	0.99	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.7	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		33	3.0	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.7	0.92	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.7	0.77	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		33	1.6	ug/Kg	05/25/13	R/J	SW8260	
Acetone	17	JS	67	6.6	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		13	3.7	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.7	0.87	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.7	0.97	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.7	0.83	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.7	0.93	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.7	5.1	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.7	0.77	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.7	0.99	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.7	1.6	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.7	3.5	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.7	1.5	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.7	0.72	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.7	0.75	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.7	0.84	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		6.7	2.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		40	5.8	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.8	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	5.5	J	6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		6.7	2.5	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		6.7	0.96	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		6.7	1.9	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	6.2	J	6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		13	6.0	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	5.6	J	6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		6.7	1.5	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		6.7	1.0	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		6.7	2.2	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	96				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	92				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		740	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1800	800	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		740	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 4-6

Phoenix I.D.: BD82913

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		740	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	740	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	95	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1800	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	98	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	95	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	170	J	260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	190	J	260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	150	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	91	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	89				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	78				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	74				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B2 4-6

Phoenix I.D.: BD82913

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	77			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	112			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82914

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	9150	N	36	7.3	mg/Kg	05/28/13	LK	SW6010
Arsenic	3.5		0.7	0.73	mg/Kg	05/28/13	LK	SW6010
Barium	63.3		0.7	0.15	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.48		0.29	0.15	mg/Kg	05/28/13	LK	SW6010
Calcium	5720	N	3.6	3.4	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.26	B*	0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.59		0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Chromium	14.1		0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Copper	11.2		0.36	0.29	mg/kg	05/29/13	LK	SW6010
Iron	12000	N	36	36	mg/Kg	05/28/13	LK	SW6010
Mercury	0.09	B*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	634	N	7	2.8	mg/Kg	05/28/13	LK	SW6010
Magnesium	1570		3.6	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	276	N	3.6	1.5	mg/Kg	05/28/13	EK	SW6010
Sodium	71		7	3.1	mg/Kg	05/28/13	LK	SW6010
Nickel	9.62		0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Lead	66.2		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.8		1.8	0.9	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Vanadium	18.2		0.4	0.15	mg/Kg	05/28/13	LK	SW6010
Zinc	44.2		0.7	0.36	mg/Kg	05/28/13	LK	SW6010
Percent Solid	89				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 0-2

Phoenix I.D.: BD82914

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	78			%	05/24/13	AW	30 - 150 %
% TCMX	70			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/29/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	05/29/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/29/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/29/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	05/29/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	05/29/13	MH	SW8081
QA/QC Surrogates							
% DCBP	85			%	05/29/13	MH	30 - 150 %
% TCMX	72			%	05/29/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.5	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.5	1.3	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.5	0.92	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.5	0.63	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 0-2

Phoenix I.D.: BD82914

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.5	0.87	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.5	0.92	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.5	0.76	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	1.4	J	6.5	0.93	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.5	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.5	0.57	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.5	0.92	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.5	0.85	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.5	0.96	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.5	0.68	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		32	2.9	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.5	0.89	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.5	0.75	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		32	1.5	ug/Kg	05/25/13	R/J	SW8260	
Acetone	25	JS	65	6.4	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		13	3.6	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.5	0.84	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.5	0.94	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.5	0.80	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.5	0.90	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.5	5.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.5	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.5	0.96	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.5	3.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.5	0.70	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.5	0.72	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.5	0.81	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		6.5	2.5	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		39	5.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.8	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	70		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		6.5	2.5	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		6.5	0.93	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		6.5	1.9	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	930	D	300	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		13	5.8	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	2.2	J	6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	23		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		6.5	2.1	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	94				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	95				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	100				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	570		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		750	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		750	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 0-2

Phoenix I.D.: BD82914

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	710		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	1500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	2000		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		750	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	1500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	1900		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	1000		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	680		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	3100		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	1000	J	1900	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	2200		260	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	330		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	570		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	99	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	4500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	830		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	870		260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	870		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	6800		260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	3700		260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	97				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	80				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	75				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B3 0-2

Phoenix I.D.: BD82914

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Phenol-d5	78			%	05/24/13	DD	24 - 113 %	
% Terphenyl-d14	154			%	05/24/13	DD	18 - 137 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82915

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37		0.37	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	5120	N	37	7.4	mg/Kg	05/28/13	LK	SW6010
Arsenic	3.3		0.7	0.74	mg/Kg	05/28/13	LK	SW6010
Barium	24.1		0.7	0.15	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.28	B	0.30	0.15	mg/Kg	05/28/13	LK	SW6010
Calcium	2220	N	3.7	3.4	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.23	B*	0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.23		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Chromium	11.4		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Copper	10.3		0.37	0.30	mg/kg	05/29/13	LK	SW6010
Iron	11600	N	37	37	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.08	*	0.08	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	521	N	7	2.9	mg/Kg	05/28/13	LK	SW6010
Magnesium	1590		3.7	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	211	N	3.7	1.5	mg/Kg	05/28/13	EK	SW6010
Sodium	47		7	3.2	mg/Kg	05/28/13	LK	SW6010
Nickel	10.6		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Lead	28.2		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.9		1.9	0.95	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Vanadium	14.1		0.4	0.15	mg/Kg	05/28/13	LK	SW6010
Zinc	25.6		0.7	0.37	mg/Kg	05/28/13	LK	SW6010
Percent Solid	92				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	72			%	05/24/13	AW	30 - 150 %
% TCMX	74			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	3.6	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND	21	21	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	97			%	05/27/13	MH	30 - 150 %
% TCMX	81			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	0.90	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.5	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.5	0.78	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.5	0.54	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		5.5	0.74	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		5.5	0.78	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		5.5	0.65	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	1.7	J	5.5	0.79	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		5.5	0.60	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		5.5	0.48	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		5.5	0.78	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	0.79	J	5.5	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		5.5	0.81	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		5.5	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		5.5	0.87	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		5.5	0.92	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		5.5	0.88	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		27	2.5	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	1.3	J	5.5	0.76	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		5.5	0.64	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		27	1.3	ug/Kg	05/25/13	R/J	SW8260	
Acetone	76	S	55	5.5	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		11	3.1	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.5	0.71	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.5	0.80	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.5	0.68	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.5	0.77	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.5	4.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.5	0.89	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.5	0.64	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.5	0.81	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.5	2.9	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.5	0.59	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.5	0.61	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.5	0.69	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.5	2.2	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		33	4.8	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		5.5	0.90	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	450	D	270	1.5	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.5	0.99	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.5	2.1	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.5	0.79	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.5	1.6	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.5	0.88	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	43		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		11	4.9	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	3.2	J	5.5	0.87	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		11	10	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	5.8		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.5	0.86	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.5	1.8	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	97				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	97				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	102				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		250	89	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	410		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1800	780	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	160	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	540		250	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	720	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	1100		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	1600		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		720	210	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	1200		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	1600		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	850		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	510		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	720	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		250	92	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	6200		250	100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	910	J	1800	270	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	1800		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	220	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	440		250	100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		250	95	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		250	92	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	3600		250	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	580		250	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	690		250	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	630		250	100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	5400		250	100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	3000		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		250	88	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	80				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	91				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	77				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	71				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Phenol-d5	75			%	05/24/13	DD	24 - 113 %	
% Terphenyl-d14	142			%	05/24/13	DD	18 - 137 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82916

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.40		0.40	0.24	mg/Kg	05/28/13	LK	SW6010
Aluminum	6980	N	40	8.0	mg/Kg	05/28/13	LK	SW6010
Arsenic	2.7		0.8	0.80	mg/Kg	05/28/13	LK	SW6010
Barium	1140		0.8	0.16	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.39		0.32	0.16	mg/Kg	05/28/13	LK	SW6010
Calcium	9990	N	4.0	3.7	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.20	B*	0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Cobalt	2.50		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Chromium	11.2		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Copper	15.5		0.40	0.32	mg/kg	05/29/13	LK	SW6010
Iron	9100	N	4.0	4.0	mg/Kg	05/28/13	LK	SW6010
Mercury	0.06	B*	0.07	0.04	mg/Kg	05/24/13	RS	SW-7471
Potassium	744	N	8	3.1	mg/Kg	05/28/13	LK	SW6010
Magnesium	2490		4.0	0.24	mg/Kg	05/28/13	LK	SW6010
Manganese	192	N	4.0	1.6	mg/Kg	05/28/13	EK	SW6010
Sodium	277		8	3.4	mg/Kg	05/28/13	LK	SW6010
Nickel	7.39		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Lead	64.4		0.8	0.24	mg/Kg	05/28/13	LK	SW6010
Antimony	< 2.0		2.0	1.0	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Vanadium	16.2		0.4	0.16	mg/Kg	05/28/13	LK	SW6010
Zinc	48.4		0.8	0.40	mg/Kg	05/28/13	LK	SW6010
Percent Solid	87				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	51			%	05/24/13	AW	30 - 150 %
% TCMX	65			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND*	2200	2200	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endrin	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND*	740	740	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND*	3600	3600	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	Diluted Out			%	05/27/13	MH	30 - 150 %
% TCMX	Diluted Out			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	290	48	ug/Kg	05/27/13	R/J	SW8260
1,1,1-Trichloroethane	ND	290	58	ug/Kg	05/27/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	290	41	ug/Kg	05/27/13	R/J	SW8260
1,1,2-Trichloroethane	ND	290	29	ug/Kg	05/27/13	R/J	SW8260
1,1-Dichloroethane	ND	290	58	ug/Kg	05/27/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	290	64	ug/Kg	05/27/13	R/J	SW8260	
1,1-Dichloropropene	ND	290	57	ug/Kg	05/27/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	290	39	ug/Kg	05/27/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	290	41	ug/Kg	05/27/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	290	34	ug/Kg	05/27/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	290	42	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dibromoethane	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	290	32	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dichloroethane	ND	290	26	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dichloropropane	ND	290	41	ug/Kg	05/27/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	290	39	ug/Kg	05/27/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	290	43	ug/Kg	05/27/13	R/J	SW8260	
1,3-Dichloropropane	ND	290	31	ug/Kg	05/27/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	290	46	ug/Kg	05/27/13	R/J	SW8260	
2,2-Dichloropropane	ND	290	49	ug/Kg	05/27/13	R/J	SW8260	
2-Chlorotoluene	ND	290	47	ug/Kg	05/27/13	R/J	SW8260	
2-Hexanone	ND	1500	130	ug/Kg	05/27/13	R/J	SW8260	
2-Isopropyltoluene	ND	290	40	ug/Kg	05/27/13	R/J	SW8260	1
4-Chlorotoluene	ND	290	34	ug/Kg	05/27/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	1500	69	ug/Kg	05/27/13	R/J	SW8260	
Acetone	ND	2900	290	ug/Kg	05/27/13	R/J	SW8260	
Acrylonitrile	ND	580	160	ug/Kg	05/27/13	R/J	SW8260	
Benzene	ND	290	58	ug/Kg	05/27/13	R/J	SW8260	
Bromobenzene	ND	290	38	ug/Kg	05/27/13	R/J	SW8260	
Bromochloromethane	ND	290	43	ug/Kg	05/27/13	R/J	SW8260	
Bromodichloromethane	ND	290	36	ug/Kg	05/27/13	R/J	SW8260	
Bromoform	ND	290	41	ug/Kg	05/27/13	R/J	SW8260	
Bromomethane	ND	290	220	ug/Kg	05/27/13	R/J	SW8260	
Carbon Disulfide	ND	290	47	ug/Kg	05/27/13	R/J	SW8260	
Carbon tetrachloride	ND	290	34	ug/Kg	05/27/13	R/J	SW8260	
Chlorobenzene	ND	290	43	ug/Kg	05/27/13	R/J	SW8260	
Chloroethane	ND	290	68	ug/Kg	05/27/13	R/J	SW8260	
Chloroform	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	
Chloromethane	ND	290	150	ug/Kg	05/27/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	290	64	ug/Kg	05/27/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	290	32	ug/Kg	05/27/13	R/J	SW8260	1
Dibromochloromethane	ND	290	33	ug/Kg	05/27/13	R/J	SW8260	
Dibromomethane	ND	290	37	ug/Kg	05/27/13	R/J	SW8260	
Dichlorodifluoromethane	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
Ethylbenzene	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	
Hexachlorobutadiene	ND	290	61	ug/Kg	05/27/13	R/J	SW8260	
Isopropylbenzene	ND	290	56	ug/Kg	05/27/13	R/J	SW8260	
m&p-Xylene	ND	290	110	ug/Kg	05/27/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	1800	250	ug/Kg	05/27/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	580	81	ug/Kg	05/27/13	R/J	SW8260	
Methylene chloride	ND	290	48	ug/Kg	05/27/13	R/J	SW8260	
Naphthalene	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
n-Butylbenzene	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	
n-Propylbenzene	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		290	110	ug/Kg	05/27/13	R/J	SW8260	
p-Isopropyltoluene	ND		290	42	ug/Kg	05/27/13	R/J	SW8260	
sec-Butylbenzene	ND		290	55	ug/Kg	05/27/13	R/J	SW8260	
Styrene	ND		290	84	ug/Kg	05/27/13	R/J	SW8260	
tert-Butylbenzene	ND		290	47	ug/Kg	05/27/13	R/J	SW8260	
Tetrachloroethene	12000	D	1500	61	ug/Kg	05/27/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		580	260	ug/Kg	05/27/13	R/J	SW8260	1
Toluene	ND		290	46	ug/Kg	05/27/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		290	58	ug/Kg	05/27/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		290	60	ug/Kg	05/27/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		580	540	ug/Kg	05/27/13	R/J	SW8260	
Trichloroethene	68	J	290	62	ug/Kg	05/27/13	R/J	SW8260	
Trichlorofluoromethane	ND		290	65	ug/Kg	05/27/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		290	46	ug/Kg	05/27/13	R/J	SW8260	
Vinyl chloride	ND		290	95	ug/Kg	05/27/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	05/27/13	R/J	70 - 121 %	
% Bromofluorobenzene	91				%	05/27/13	R/J	59 - 113 %	
% Dibromofluoromethane	97				%	05/27/13	R/J	70 - 130 %	
% Toluene-d8	99				%	05/27/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		2700	2100	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		2700	950	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		19000	2700	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		2700	1500	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		2700	1800	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		19000	3900	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		2700	2400	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		2700	1500	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		7700	1800	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		19000	8300	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		19000	4100	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		7700	1800	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		19000	1300	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	19000	1700	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND	19000	7700	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND	7700	2200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND	19000	7700	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	2700	990	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	2700	1000	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND	19000	2900	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND	2700	1000	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND	2700	990	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND	2700	1400	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	2700	1500	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND	2700	1400	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND	2700	1400	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND	2700	940	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	*Diluted Out			%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	*Diluted Out			%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	*Diluted Out			%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	*Diluted Out			%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	*Diluted Out			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	*Diluted Out			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* 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 semivolatile analysis.

* For Pesticides, due to matrix interference caused by the presence of PCB's in the samples an elevated MDL was reported.

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.
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Phyllis Shiller, Laboratory Director
May 31, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82917

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	8790	N	36	7.2	mg/Kg	05/28/13	LK	SW6010
Arsenic	1.8		0.7	0.72	mg/Kg	05/28/13	LK	SW6010
Barium	39.1		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.48		0.29	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	683	N	3.6	3.3	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.31	B*	0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	5.99		0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	19.5		0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	11.9		0.36	0.29	mg/kg	05/29/13	LK	SW6010
Iron	17300	N	36	36	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.09	*	0.09	0.06	mg/Kg	05/24/13	RS	SW-7471
Potassium	1260	N	7	2.8	mg/Kg	05/28/13	LK	SW6010
Magnesium	2850		3.6	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	235	N	3.6	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	64		7	3.1	mg/Kg	05/28/13	LK	SW6010
Nickel	14.0		0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	5.2		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.8		1.8	0.9	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	25.7		0.4	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	28.8		0.7	0.36	mg/Kg	05/28/13	LK	SW6010
Percent Solid	87				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	71			%	05/24/13	AW	30 - 150 %
% TCMX	56			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND*	2300	2300	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endrin	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND*	760	760	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND*	3600	3600	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	Diluted Out			%	05/27/13	MH	30 - 150 %
% TCMX	Diluted Out			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	0.80	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.9	0.98	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.9	0.69	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.9	0.48	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	4.9	0.97	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		4.9	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		4.9	0.65	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		4.9	0.69	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		4.9	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		4.9	0.70	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		4.9	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		4.9	0.43	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		4.9	0.69	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		4.9	0.64	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		4.9	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		4.9	0.52	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		4.9	0.77	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		4.9	0.82	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		4.9	0.78	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		24	2.2	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		4.9	0.67	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		4.9	0.57	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		24	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	43	JS	49	4.9	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		9.8	2.7	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		4.9	0.97	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		4.9	0.64	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		4.9	0.71	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		4.9	0.61	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		4.9	0.68	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		4.9	3.8	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		4.9	0.79	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		4.9	0.57	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		4.9	0.72	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		4.9	0.89	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		4.9	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		4.9	0.53	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		4.9	0.55	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		4.9	0.62	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		4.9	0.89	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		4.9	1.0	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		4.9	0.94	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		4.9	1.9	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		29	4.2	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		9.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		4.9	0.80	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	2.4	J	4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		4.9	0.89	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		4.9	0.88	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		4.9	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		4.9	0.70	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		4.9	0.92	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		4.9	1.4	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		4.9	0.78	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	9100	D	1400	1.0	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		9.8	4.4	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		4.9	0.77	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		4.9	0.98	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		4.9	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		9.8	9.1	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		4.9	1.0	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		4.9	0.76	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		4.9	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	96				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	99				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		740	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		740	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND	1900	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND	740	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND	1900	740	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	96	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND	1900	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	99	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	96	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND	260	91	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	97			%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	84			%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	83			%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	76			%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	84			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	62			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82918

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	6150	N	34	6.9	mg/Kg	05/28/13	LK	SW6010
Arsenic	5.4		0.7	0.69	mg/Kg	05/28/13	LK	SW6010
Barium	38.7		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.28		0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	19100	N	34	32	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.44	*	0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.13		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	15.1		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	14.5		0.34	0.28	mg/kg	05/29/13	LK	SW6010
Iron	14100	N	34	34	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.09	*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	837	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	2490		3.4	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	160	N	3.4	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	261		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	8.62		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	56.1		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	18.5		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	69.7		0.7	0.34	mg/Kg	05/28/13	LK	SW6010
Percent Solid	92				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 0-2

Phoenix I.D.: BD82918

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	67			%	05/24/13	AW	30 - 150 %
% TCMX	80			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	05/27/13	MH	30 - 150 %
% TCMX	75			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 0-2

Phoenix I.D.: BD82918

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		5.0	0.97	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		5.0	0.67	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		5.0	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		5.0	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		5.0	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		5.0	0.55	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		5.0	0.44	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		5.0	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		5.0	0.66	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		5.0	0.74	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		5.0	0.53	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.79	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		5.0	0.84	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		5.0	0.80	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		25	2.3	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		5.0	0.69	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		5.0	0.58	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	29	JS	50	5.0	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.0	0.99	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.0	0.65	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.0	0.73	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.0	0.62	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.0	0.70	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.0	3.9	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.0	0.81	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.0	0.58	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.0	0.74	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.0	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.0	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.0	0.56	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.0	0.63	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.0	0.96	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.0	2.0	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		30	4.3	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		5.0	0.82	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.0	0.90	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.0	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.0	0.72	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.0	0.94	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.0	1.4	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.0	0.80	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	1.6	J	5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		10	4.5	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		5.0	0.79	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.3	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.0	0.78	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.0	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	96				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	94				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	98				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		250	89	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1800	790	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
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Phoenix I.D.: BD82918

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	160	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	730	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	230	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		720	210	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	220	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	310		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	170	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	720	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		250	93	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	270		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		250	96	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		250	93	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	490		250	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	140	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	280		250	100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	430		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		250	89	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	35				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	92				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	56				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	72				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B5 0-2

Phoenix I.D.: BD82918

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	73			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	93			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82919

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	3490	N	35	7.0	mg/Kg	05/28/13	LK	SW6010
Arsenic	< 0.7		0.7	0.70	mg/Kg	05/28/13	LK	SW6010
Barium	8.9		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.17	B	0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	279	N	3.5	3.2	mg/Kg	05/28/13	LK	SW6010
Cadmium	< 0.35	*	0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	2.50		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	7.36		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	5.21		0.35	0.28	mg/kg	05/29/13	LK	SW6010
Iron	6990	N	3.5	3.5	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.08	*	0.08	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	378	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	1100		3.5	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	201	N	3.5	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	35		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	6.90		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	1.7		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.8		1.8	0.9	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	8.2		0.4	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	10.9		0.7	0.35	mg/Kg	05/28/13	LK	SW6010
Percent Solid	96				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 4-6

Phoenix I.D.: BD82919

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	57			%	05/24/13	AW	30 - 150 %
% TCMX	76			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.4	2.4	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.4	2.4	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.4	2.4	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	20	20	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	6.8	6.8	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	32	32	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	05/24/13	MH	30 - 150 %
% TCMX	79			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.1	0.40	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	4.1	0.81	ug/Kg	05/25/13	R/J	SW8260

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Phoenix I.D.: BD82919

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	4.1	0.90	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND	4.1	0.80	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.1	0.55	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.1	0.49	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	4.1	0.45	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND	4.1	0.36	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.1	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND	4.1	0.44	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND	4.1	0.69	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND	4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND	21	1.9	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND	4.1	0.57	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND	4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	21	0.98	ug/Kg	05/25/13	R/J	SW8260	
Acetone	ND	41	4.1	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND	8.2	2.3	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND	4.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND	4.1	0.53	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND	4.1	0.60	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND	4.1	0.51	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND	4.1	3.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND	4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND	4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND	4.1	0.96	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND	4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND	4.1	2.2	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	4.1	0.90	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	4.1	0.44	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND	4.1	0.46	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND	4.1	0.52	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND	4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND	4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND	4.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND	4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	25	3.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	8.2	1.1	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND	4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND	4.1	0.74	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND	4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND	4.1	0.77	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND	4.1	1.2	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND	4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND	4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	8.2	3.7	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND	4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	4.1	0.84	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	8.2	7.6	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND	4.1	0.87	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND	4.1	0.91	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	4.1	0.64	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND	4.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	98			%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	96			%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101			%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND	240	85	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1700	240	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND	240	97	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND	240	97	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND	1700	350	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND	240	220	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	680	160	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND	1700	740	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND	680	160	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND	1700	110	ug/Kg	05/24/13	DD	SW 8270	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1700	150	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND	1700	690	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND	680	200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND	1700	680	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	240	88	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	240	92	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND	1700	260	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND	240	91	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND	240	88	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND	240	98	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	ND	240	98	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND	240	84	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	75			%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	67			%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	62			%	05/24/13	DD	23 - 120 %	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	66			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	80			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82920

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.40		0.40	0.24	mg/Kg	05/28/13	LK	SW6010
Aluminum	9530	N	40	7.9	mg/Kg	05/28/13	LK	SW6010
Arsenic	4.2		0.8	0.79	mg/Kg	05/28/13	LK	SW6010
Barium	57.3		0.8	0.16	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.45		0.32	0.16	mg/Kg	05/28/13	LK	SW6010
Calcium	7450	N	4.0	3.6	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.31	B*	0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.98		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Chromium	18.4		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Copper	10.9		0.40	0.32	mg/kg	05/29/13	LK	SW6010
Iron	14300	N	40	40	mg/Kg	05/28/13	LK	SW6010
Mercury	0.10	*	0.07	0.04	mg/Kg	05/24/13	RS	SW-7471
Potassium	567	N	8	3.1	mg/Kg	05/28/13	LK	SW6010
Magnesium	1760		4.0	0.24	mg/Kg	05/28/13	LK	SW6010
Manganese	263	N	4.0	1.6	mg/Kg	05/28/13	EK	SW6010
Sodium	70		8	3.4	mg/Kg	05/28/13	LK	SW6010
Nickel	10.5		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Lead	64.7		0.8	0.24	mg/Kg	05/28/13	LK	SW6010
Antimony	< 2.0		2.0	1.0	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Vanadium	21.5		0.4	0.16	mg/Kg	05/28/13	LK	SW6010
Zinc	58.0		0.8	0.40	mg/Kg	05/28/13	LK	SW6010
Percent Solid	89				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	62			%	05/24/13	AW	30 - 150 %
% TCMX	71			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	3.4	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	88			%	05/24/13	MH	30 - 150 %
% TCMX	77			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	0.83	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.1	1.0	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	0.72	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.1	0.50	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		5.1	0.98	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		5.1	0.68	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		5.1	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		5.1	0.60	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	1.5	J	5.1	0.73	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.1	1.4	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		5.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		5.1	0.56	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		5.1	0.44	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		5.1	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	0.72	J	5.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		5.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		5.1	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		5.1	0.80	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		5.1	0.85	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		5.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		25	2.3	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		5.1	0.70	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		5.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	16	JS	51	5.0	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.1	1.0	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.1	0.74	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.1	0.63	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.1	0.71	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.1	3.9	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.1	0.82	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.1	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.1	0.92	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.1	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.1	0.55	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.1	0.57	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.1	0.64	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.1	0.92	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.1	0.97	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.1	2.0	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		30	4.4	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		5.1	0.83	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	1000	D	300	1.4	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.1	0.92	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.1	0.91	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.1	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.1	0.73	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.1	0.95	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.1	1.5	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	3000	D	315	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		10	4.6	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	2.0	J	5.1	0.80	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.1	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.1	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.4	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	490	D	315	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	93				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	96				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	100				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	93	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	360		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		750	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		750	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	420		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	880		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	1200		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		750	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	890		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	1100		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	580		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	400		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	3000		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	550	J	1900	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	1400		260	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	160	J	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	350		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	99	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	3200		260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	490		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	490		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	4200		260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	2700		260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	78				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	87				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	74				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	70				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	74			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	93			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82921

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	05/22/13		E160.3	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	05/25/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	250	50	ug/Kg	05/25/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	250	25	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloroethane	ND	250	50	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloroethene	ND	250	55	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND	250	49	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	250	34	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	250	30	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND	250	67	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	250	28	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND	250	22	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	250	37	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND	250	27	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	250	40	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND	250	42	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND	250	40	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND	1300	110	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND	250	35	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND	250	29	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	1300	60	ug/Kg	05/25/13	R/J	SW8260	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BD82921

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	ND		2500	250	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		500	140	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		250	50	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		250	33	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		250	37	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		250	31	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		250	35	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		250	190	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		250	41	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		250	29	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		250	37	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		250	59	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		250	46	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		250	130	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		250	55	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		250	27	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		250	28	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		250	32	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		250	67	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		250	46	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		250	53	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		250	48	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		250	99	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		1500	220	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		500	69	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	200	JS	250	41	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		250	67	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		250	46	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		250	45	ug/Kg	05/25/13	R/J	SW8260	
o-Xylene	ND		250	96	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		250	36	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		250	47	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		250	72	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		250	40	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND		250	53	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		500	230	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		250	40	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		250	50	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		250	51	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		500	460	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		250	53	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		250	56	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		250	39	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		250	81	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	94				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	89				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	102				%	05/25/13	R/J	84 - 138 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD82921

Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED 100% SOLID ASSUMED

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82922

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%	05/22/13		E160.3
Field Extraction	Completed				05/22/13		SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	05/25/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	0.67	ug/Kg	05/25/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	0.59	ug/Kg	05/25/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	05/25/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	05/25/13	R/J	SW8260
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	05/25/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	05/25/13	R/J	SW8260
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	05/25/13	R/J	SW8260
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	05/25/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	05/25/13	R/J	SW8260
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	05/25/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	05/25/13	R/J	SW8260
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	05/25/13	R/J	SW8260
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	05/25/13	R/J	SW8260
2-Hexanone	ND	25	2.3	ug/Kg	05/25/13	R/J	SW8260
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	05/25/13	R/J	SW8260 1
4-Chlorotoluene	ND	5.0	0.58	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK LOW

Phoenix I.D.: BD82922

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	ND		50	5.0	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.0	0.99	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.0	0.65	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.0	0.73	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.0	0.62	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.0	0.70	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.0	3.9	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.0	0.81	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.0	0.58	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.0	0.74	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.0	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.0	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.0	0.56	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.0	0.63	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.0	0.96	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.0	2.0	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		30	4.3	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	1.1	JS	5.0	0.82	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.0	0.90	ug/Kg	05/25/13	R/J	SW8260	
o-Xylene	ND		5.0	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.0	0.72	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.0	0.94	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.0	1.4	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.0	0.80	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		10	4.5	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		5.0	0.79	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.3	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.0	0.78	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.0	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	99				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	92				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	103				%	05/25/13	R/J	84 - 138 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD82922

Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED 100% SOLID INCLUDED

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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Sample Criteria Exceedences Report

GBD82910 - EBC

Requested Criteria: 375NR, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD82910	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4300	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	4900	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	4900	270	3900	3900	ug/Kg
BD82910	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4000	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4000	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	3500	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3500	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3500	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2000	270	500	500	ug/Kg
BD82910	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	270	500	500	ug/Kg
BD82910	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	560	270	330	330	ug/Kg
BD82910	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	560	270	330	330	ug/Kg
BD82910	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.47	0.07	0.81	0.81	mg/Kg
BD82910	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.47	0.07	0.81	0.81	mg/Kg
BD82914	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2000	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2200	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1900	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	1500	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	870	260	500	500	ug/Kg
BD82914	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	870	260	500	500	ug/Kg
BD82915	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1800	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	1200	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	690	250	500	500	ug/Kg
BD82915	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	690	250	500	500	ug/Kg
BD82916	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	290	210	210	ug/Kg
BD82916	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	12000	1500	5500	5500	ug/Kg
BD82916	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2700	2400	2400	ug/Kg
BD82916	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBD82910 - EBC

Requested Criteria: 375NR, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD82916	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	500	500	ug/Kg
BD82916	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	500	500	ug/Kg
BD82916	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Commercial	ND	2700	560	560	ug/Kg
BD82916	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	330	330	ug/Kg
BD82916	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	330	330	ug/Kg
BD82916	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	97	97	ug/Kg
BD82916	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	72	72	ug/Kg
BD82916	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	19	19	ug/Kg
BD82916	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential Restricted	ND*	180	97	97	ug/Kg
BD82916	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	39	39	ug/Kg
BD82916	BA-SMDP	Barium	NY / 375-6.8 Metals / Commercial	1140	0.8	400	400	mg/Kg
BD82916	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	1140	0.8	350	350	mg/Kg
BD82916	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	1140	0.8	400	400	mg/Kg
BD82917	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	9100	1400	5500	5500	ug/Kg
BD82917	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	97	97	ug/Kg
BD82917	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	72	72	ug/Kg
BD82917	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	19	19	ug/Kg
BD82917	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential Restricted	ND*	190	97	97	ug/Kg
BD82917	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	39	39	ug/Kg
BD82920	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1200	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1400	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	260	1000	1000	ug/Kg
BD82921	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg

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.

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

May 31, 2013

SDG I.D.: GBD82910

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

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 on ice

Data Delivery:
☐ Fax #:
☑ Email:

Customer: EBC
Address: 1808 Middle Country Road Ridge, NY

Project: 853 Lexington Ave Brooklyn
Report to: EBC
Invoice to: EBC

Project P.O:
Phone #: 631 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5-22-13

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 5035	SVOCs 8270	TAL Metals	Pest/PCB 8081/8082							Soil Vor H2O	Soil VOA [X] Methanol [ ] S. Bisulfate [ ] 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
82910	B1 (0-2)	S	5-22-13		X	X	X	X								2	1	1							
82911	B1 (4-6)																								
82912	B2 (0-2)																								
82913	B2 (4-6)																								
82914	B3 (0-2)																								
82915	B3 (4-6)																								
82916	B4 (0-2)																								
82917	B4 (4-6)																								
82918	B5 (0-2)																								
82919	B5 (4-6)																								
82920	Duplicate																								
82921	Trip Blank hi																								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-23-13	12:30
		5/23/13	1806

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
☐ TOGS GA GW
☐ CP-51 Soil
☑ NY375 Unrestricted Soil
☑ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☑ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 on ice

Data Delivery:
☐ Fax #:
☑ Email:

Customer: EBC
Address: 1808 Middle Country Road Ridge, NY

Project: 853 Lexington Ave
Report to:
Invoice to: EBC

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5-22-13

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 5035	Soil VOA [ ] Methanol [ ] S. Bisulfate [X] H2O	GL Soil container ( ) 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
82922	Trip Blank low				X	2									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-23-13	1130
	[signature]	5/23/13	1806

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
☐ TOGS GA GW
☐ CP-51 Soil
☑ NY375 Unrestricted Soil
☑ NY375 Residential Soil
☑ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☑ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 13, 2013

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

Project ID: 853 LEXINGTON AVE BKLYN NY
Sample ID#s: BD86771 - BD86775

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

June 13, 2013

SDG I.D.: GBD86771

8270 Semivolatile Organics:
Full Scan Report:
Nitrobenzene, and Hexachlorobutadiene were evaluated from the SIM analysis in order to achieve the requested criteria.
Bis(2-chloroethyl)ether and the Nitroanilines were evaluated from the SIM analysis in order to achieve the requested 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.

Pesticide analysis:
The toxaphene requested reporting level can not be achieved by this method.

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.

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

June 13, 2013

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:		05/31/13	10:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86771

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	24.5	0.010	mg/L	06/10/13	LK	SW6010
Arsenic	0.006	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.289	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.001	0.001	mg/L	06/10/13	LK	SW6010
Calcium	66.4	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.002	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.056	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.105	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.096	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.081	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	66.7	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	0.004	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.057	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	6.9	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	29.8	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	2.49	0.011	mg/L	06/06/13	LK	SW6010
Sodium (Dissolved)	34.9	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.047	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Phoenix I.D.: BD86771

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.003	0.002	mg/L	06/04/13	EK	SW6010	
Iron	97.1	0.010	mg/L	06/10/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	12.4	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	39.1	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	4.97	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	33.8	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.137	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.044	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.099	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.131	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/04/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/04/13	TL	SW3510	
Semi-Volatile Extraction	Completed			06/04/13	i/K/X	SW3520	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1221	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1232	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1242	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1248	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1254	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1260	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1262	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1268	ND	0.050	ug/L	06/05/13	AW	8082	
QA/QC Surrogates							
% DCBP	80		%	06/05/13	AW	30 - 150 %	
% TCMX	68		%	06/05/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	06/05/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	06/05/13	MH	SW8081	
Alachlor	ND	0.075	ug/L	06/05/13	MH	SW8081	1
Aldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
b-BHC	ND	0.005	ug/L	06/05/13	MH	SW8081	
Chlordane	ND	0.050	ug/L	06/05/13	MH	SW8081	

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Phoenix I.D.: BD86771

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND	0.025	ug/L	06/05/13	MH	SW8081	
Dieldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
Endosulfan I	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan II	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan Sulfate	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin	ND	0.010	ug/L	06/05/13	MH	SW8081	
Endrin Aldehyde	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin ketone	ND	0.050	ug/L	06/05/13	MH	SW8081	
g-BHC (Lindane)	ND	0.025	ug/L	06/05/13	MH	SW8081	
Heptachlor	ND	0.010	ug/L	06/05/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	ug/L	06/05/13	MH	SW8081	
Methoxychlor	ND	0.10	ug/L	06/05/13	MH	SW8081	
Toxaphene	ND	0.25	ug/L	06/05/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	85		%	06/05/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	80		%	06/05/13	MH	30 - 150 %	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	3.3	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	50	5.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	61	5.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	88		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	100		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	104		%	06/05/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.3	ug/L	06/05/13	DD	SW8270
1,2-Dichlorobenzene	ND	4	ug/L	06/05/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.3	ug/L	06/05/13	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	06/05/13	DD	SW8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5	ug/L	06/05/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dimethylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2-Chloronaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Chlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2-Methylnaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	1	ug/L	06/05/13	DD	SW8270	
2-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
2-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	06/05/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	5	ug/L	06/05/13	DD	SW8270	
3-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Chloroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
Acetophenone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Aniline	ND	5	ug/L	06/05/13	DD	SW8270	
Anthracene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Benzidine	ND	5	ug/L	06/05/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	06/05/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	1	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.3	ug/L	06/05/13	DD	SW8270	1
Carbazole	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dibenzofuran	ND	5	ug/L	06/05/13	DD	SW8270	
Diethyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dimethylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-butylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-octylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluoranthene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluorene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Hexachlorobutadiene	ND	0.5	ug/L	06/05/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5	ug/L	06/05/13	DD	SW8270	
Isophorone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Naphthalene	ND	5	ug/L	06/05/13	DD	SW8270	
Nitrobenzene	ND	0.4	ug/L	06/05/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
Phenol	ND	1	ug/L	06/05/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.3	ug/L	06/05/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	104		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	57		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	64		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	124		%	06/05/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.074	0.042	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.063	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.2	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Chrysene	0.074	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.011	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.063	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.5	ug/L	06/05/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.84	ug/L	06/05/13	DD	SW8270 (SIM)
Phenanthrene	0.13	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pyridine	ND	0.53	ug/L	06/05/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	104		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	57		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	64		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	124		%	06/05/13	DD	30 - 130 %

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Client ID: MW 1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

June 13, 2013

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:		05/31/13	11:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86772

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	42.1	0.050	mg/L	06/05/13	LK	SW6010
Arsenic	0.009	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.343	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.002	0.001	mg/L	06/10/13	LK	SW6010
Calcium	53.1	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.003	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.079	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.193	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.156	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	0.07	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.045	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	47.5	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	0.005	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.068	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	3.8	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	22.0	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	4.52	0.011	mg/L	06/06/13	LK	SW6010
Sodium (Dissolved)	39.7	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.014	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 2

Phoenix I.D.: BD86772

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.006	0.002	mg/L	06/04/13	EK	SW6010	
Iron	129	0.010	mg/L	06/10/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	11.8	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	36.6	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	6.61	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	34.9	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.137	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.046	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.120	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.482	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/04/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/04/13	TL	SW3510	
Semi-Volatile Extraction	Completed			06/04/13	I/K/X	SW3520	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1221	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1232	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1242	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1248	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1254	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1260	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1262	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1268	ND	0.050	ug/L	06/05/13	AW	8082	
QA/QC Surrogates							
% DCBP	75		%	06/05/13	AW	30 - 150 %	
% TCMX	71		%	06/05/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	06/05/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	06/05/13	MH	SW8081	
Alachlor	ND	0.075	ug/L	06/05/13	MH	SW8081	1
Aldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
b-BHC	ND	0.005	ug/L	06/05/13	MH	SW8081	
Chlordane	ND	0.050	ug/L	06/05/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND	0.025	ug/L	06/05/13	MH	SW8081	
Dieldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
Endosulfan I	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan II	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan Sulfate	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin	ND	0.010	ug/L	06/05/13	MH	SW8081	
Endrin Aldehyde	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin ketone	ND	0.050	ug/L	06/05/13	MH	SW8081	
g-BHC (Lindane)	ND	0.025	ug/L	06/05/13	MH	SW8081	
Heptachlor	ND	0.010	ug/L	06/05/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	ug/L	06/05/13	MH	SW8081	
Methoxychlor	ND	0.10	ug/L	06/05/13	MH	SW8081	
Toxaphene	ND	0.25	ug/L	06/05/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	79		%	06/05/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	83		%	06/05/13	MH	30 - 150 %	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	1.6	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	15	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	23	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	88		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	102		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	99		%	06/05/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.3	ug/L	06/05/13	DD	SW8270
1,2-Dichlorobenzene	ND	4	ug/L	06/05/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.3	ug/L	06/05/13	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	06/05/13	DD	SW8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5	ug/L	06/05/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dimethylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2-Chloronaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Chlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2-Methylnaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	1	ug/L	06/05/13	DD	SW8270	
2-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
2-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	06/05/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	5	ug/L	06/05/13	DD	SW8270	
3-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Chloroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
Acetophenone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Aniline	ND	5	ug/L	06/05/13	DD	SW8270	
Anthracene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Benzidine	ND	5	ug/L	06/05/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	06/05/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	1	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.3	ug/L	06/05/13	DD	SW8270	1
Carbazole	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dibenzofuran	ND	5	ug/L	06/05/13	DD	SW8270	
Diethyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dimethylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-butylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-octylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluoranthene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluorene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Hexachlorobutadiene	ND	0.5	ug/L	06/05/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5	ug/L	06/05/13	DD	SW8270	
Isophorone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Naphthalene	ND	5	ug/L	06/05/13	DD	SW8270	
Nitrobenzene	ND	0.4	ug/L	06/05/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
Phenol	ND	1	ug/L	06/05/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.3	ug/L	06/05/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	117		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	86		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	88		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	123		%	06/05/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.063	0.042	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.053	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.2	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	4.3	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Chrysene	0.053	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.011	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.063	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.5	ug/L	06/05/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.84	ug/L	06/05/13	DD	SW8270 (SIM)
Phenanthrene	0.063	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pyridine	ND	0.53	ug/L	06/05/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	117		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	86		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	88		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	123		%	06/05/13	DD	30 - 130 %

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Client ID: MW 2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

June 13, 2013

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:		05/31/13	12:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86773

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	55.2	0.050	mg/L	06/05/13	LK	SW6010
Arsenic	0.022	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.481	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.003	0.001	mg/L	06/10/13	LK	SW6010
Calcium	44.8	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.005	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.103	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.242	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.215	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	0.14	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.034	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	32.2	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.158	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	3.3	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	21.6	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	1.22	0.001	mg/L	06/04/13	EK	SW6010
Sodium (Dissolved)	11.5	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.017	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

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Client ID: MW 3

Phoenix I.D.: BD86773

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.002	0.002	mg/L	06/04/13	EK	SW6010	
Iron	213	0.050	mg/L	06/05/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	14.1	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	48.2	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	8.02	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	13.6	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.253	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.093	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.196	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.387	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/05/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/05/13	TL	SW3510	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1221	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1232	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1242	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1248	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1254	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1260	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1262	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1268	ND	0.086	ug/L	06/06/13	AW	8082	
QA/QC Surrogates							
% DCBP	91		%	06/06/13	AW	30 - 150 %	
% TCMX	70		%	06/06/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.009	ug/L	06/06/13	MH	SW8081	
4,4' -DDE	ND	0.009	ug/L	06/06/13	MH	SW8081	
4,4' -DDT	ND	0.009	ug/L	06/06/13	MH	SW8081	
a-BHC	ND	0.009	ug/L	06/06/13	MH	SW8081	
Alachlor	ND	0.13	ug/L	06/06/13	MH	SW8081	1
Aldrin	ND	0.003	ug/L	06/06/13	MH	SW8081	
b-BHC	ND	0.009	ug/L	06/06/13	MH	SW8081	
Chlordane	ND	0.043	ug/L	06/06/13	MH	SW8081	
d-BHC	ND	0.040	ug/L	06/06/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Dieldrin	ND*	0.014	ug/L	06/06/13	MH	SW8081
Endosulfan I	ND	0.086	ug/L	06/06/13	MH	SW8081
Endosulfan II	ND	0.086	ug/L	06/06/13	MH	SW8081
Endosulfan Sulfate	ND	0.086	ug/L	06/06/13	MH	SW8081
Endrin	ND	0.009	ug/L	06/06/13	MH	SW8081
Endrin Aldehyde	ND	0.086	ug/L	06/06/13	MH	SW8081
Endrin ketone	ND	0.086	ug/L	06/06/13	MH	SW8081
g-BHC (Lindane)	ND	0.043	ug/L	06/06/13	MH	SW8081
Heptachlor	ND	0.009	ug/L	06/06/13	MH	SW8081
Heptachlor epoxide	ND	0.009	ug/L	06/06/13	MH	SW8081
Methoxychlor	ND	0.17	ug/L	06/06/13	MH	SW8081
Toxaphene	ND	0.43	ug/L	06/06/13	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	121		%	06/06/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	92		%	06/06/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 3

Phoenix I.D.: BD86773

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	4.4	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	3.8	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	110	10	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	85	10	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	88		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	101		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	105		%	06/05/13	R/T	70 - 130 %	

Project ID: 853 LEXINGTON AVE BKLYN NY

Phoenix I.D.: BD86773

Client ID: MW 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

June 13, 2013

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:		05/31/13	0:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86774

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BD86774

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	91		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	101		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	99		%	06/05/13	R/T	70 - 130 %	

Project ID: 853 LEXINGTON AVE BKLYN NY

Phoenix I.D.: BD86774

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

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:		05/31/13	0:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86775

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	25.5	0.010	mg/L	06/10/13	LK	SW6010
Arsenic	0.007	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.300	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.001	0.001	mg/L	06/10/13	LK	SW6010
Calcium	69.2	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.002	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.062	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.111	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.101	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.078	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	67.2	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	0.004	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.080	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	6.3	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	28.4	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	2.03	0.001	mg/L	06/04/13	EK	SW6010
Sodium (Dissolved)	36.2	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.041	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

Project ID: 853 LEXINGTON AVE BKLYN NY
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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.003	0.002	mg/L	06/04/13	EK	SW6010	
Iron	104	0.010	mg/L	06/10/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	12.3	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	40.8	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	5.01	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	34.0	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.140	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.040	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.104	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.135	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/04/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/04/13	TL	SW3510	
Semi-Volatile Extraction	Completed			06/04/13	I/K/X	SW3520	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1221	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1232	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1242	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1248	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1254	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1260	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1262	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1268	ND	0.050	ug/L	06/05/13	AW	8082	
QA/QC Surrogates							
% DCBP	90		%	06/05/13	AW	30 - 150 %	
% TCMX	72		%	06/05/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	06/05/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	06/05/13	MH	SW8081	
Alachlor	ND	0.075	ug/L	06/05/13	MH	SW8081	1
Aldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
b-BHC	ND	0.005	ug/L	06/05/13	MH	SW8081	
Chlordane	ND	0.050	ug/L	06/05/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND	0.025	ug/L	06/05/13	MH	SW8081	
Dieldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
Endosulfan I	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan II	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan Sulfate	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin	ND	0.010	ug/L	06/05/13	MH	SW8081	
Endrin Aldehyde	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin ketone	ND	0.050	ug/L	06/05/13	MH	SW8081	
g-BHC (Lindane)	ND	0.025	ug/L	06/05/13	MH	SW8081	
Heptachlor	ND	0.010	ug/L	06/05/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	ug/L	06/05/13	MH	SW8081	
Methoxychlor	ND	0.10	ug/L	06/05/13	MH	SW8081	
Toxaphene	ND	0.25	ug/L	06/05/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	87		%	06/05/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	80		%	06/05/13	MH	30 - 150 %	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	3.3	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	47	5.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	57	5.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	90		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	101		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	100		%	06/05/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.3	ug/L	06/05/13	DD	SW8270
1,2-Dichlorobenzene	ND	4	ug/L	06/05/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.3	ug/L	06/05/13	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	06/05/13	DD	SW8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5	ug/L	06/05/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dimethylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2-Chloronaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Chlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2-Methylnaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	1	ug/L	06/05/13	DD	SW8270	
2-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
2-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	06/05/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	5	ug/L	06/05/13	DD	SW8270	
3-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Chloroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
Acetophenone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Aniline	ND	5	ug/L	06/05/13	DD	SW8270	
Anthracene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Benzidine	ND	5	ug/L	06/05/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	06/05/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	1	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.3	ug/L	06/05/13	DD	SW8270	1
Carbazole	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dibenzofuran	ND	5	ug/L	06/05/13	DD	SW8270	
Diethyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dimethylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-butylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-octylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluoranthene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluorene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Hexachlorobutadiene	ND	0.5	ug/L	06/05/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5	ug/L	06/05/13	DD	SW8270	
Isophorone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Naphthalene	ND	5	ug/L	06/05/13	DD	SW8270	
Nitrobenzene	ND	0.4	ug/L	06/05/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
Phenol	ND	1	ug/L	06/05/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.3	ug/L	06/05/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	97		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	25		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	98		%	06/05/13	DD	30 - 130 %
% Phenol-d5	44		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	115		%	06/05/13	DD	30 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.9	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.047	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.5	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.9	ug/L	06/05/13	DD	SW8270 (SIM)
Chrysene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.012	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.071	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.8	ug/L	06/05/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.12	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.94	ug/L	06/05/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Pyridine	ND	0.59	ug/L	06/05/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	97		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	25		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	98		%	06/05/13	DD	30 - 130 %
% Phenol-d5	44		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	115		%	06/05/13	DD	30 - 130 %

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 13, 2013

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 232689, QC Sample No: BD84135 (BD86771, BD86772, BD86773, BD86775)												
Thallium (Dissolved)	BRL	<0.001	<0.001	NC	115	120	4.3	118	120	1.7	75 - 125	20
QA/QC Batch 233396, QC Sample No: BD85850 (BD86771, BD86772, BD86773, BD86775)												
ICP Metals - Aqueous												
Aluminum	BRL	0.152	0.146	4.00	96.2	95.8	0.4	96.2	95.6	0.6	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	101	101	0.0	100	102	2.0	75 - 125	20
Arsenic	BRL	<0.004	<0.004	NC	96.5	96.6	0.1	97.9	99.5	1.6	75 - 125	20
Barium	BRL	0.022	0.022	0	102	101	1.0	100	101	1.0	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	98.9	99.1	0.2	99.9	100	0.1	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	98.2	98.5	0.3	97.5	99.3	1.8	75 - 125	20
Calcium	BRL	7.15	7.35	2.80	98.3	98.5	0.2	NC	NC	NC	75 - 125	20
Chromium	BRL	<0.001	<0.001	NC	96.7	97.1	0.4	96.2	97.6	1.4	75 - 125	20
Cobalt	BRL	<0.002	<0.002	NC	97.1	97.1	0.0	95.8	97.5	1.8	75 - 125	20
Copper	BRL	<0.005	<0.005	NC	101	102	1.0	102	102	0.0	75 - 125	20
Iron	0.012	0.064	0.060	6.50	104	103	1.0	99.1	101	1.9	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	95.8	96.2	0.4	94.9	96.4	1.6	75 - 125	20
Magnesium	BRL	0.75	0.76	1.30	100	100	0.0	97.4	99.1	1.7	75 - 125	20
Manganese	BRL	0.001	0.001	NC	100	99.7	0.3	98.4	100	1.6	75 - 125	20
Nickel	BRL	<0.001	<0.001	NC	103	103	0.0	101	103	2.0	75 - 125	20
Potassium	BRL	3.3	3.2	3.10	104	102	1.9	107	106	0.9	75 - 125	20
Selenium	BRL	<0.010	<0.010	NC	92.6	93.3	0.8	94.4	94.9	0.5	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	98.7	98.6	0.1	99.4	99.7	0.3	75 - 125	20
Sodium	BRL	87.6	88.3	0.80	107	106	0.9	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	97.8	98.4	0.6	98.6	99.3	0.7	75 - 125	20
Zinc	BRL	0.002	<0.002	NC	97.9	98.1	0.2	98.6	100	1.4	75 - 125	20
QA/QC Batch 233362, QC Sample No: BD85850 (BD86771, BD86772, BD86773, BD86775)												
Thallium - Water	BRL	<0.002	<0.002	NC	100	98.9	1.1	100	102	2.0	75 - 125	20
QA/QC Batch 233587, QC Sample No: BD86279 (BD86771, BD86772, BD86773, BD86775)												
ICP Metals - Dissolved												
Aluminum	BRL	0.04	0.03	NC	91.0	91.5	0.5	87.8	93.7	6.5	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	94.5	96.5	2.1	93.3	97.8	4.7	75 - 125	20
Arsenic	BRL	0.004	<0.004	NC	90.2	92.5	2.5	90.4	95.3	5.3	75 - 125	20
Barium	BRL	0.032	0.032	0	94.9	96.9	2.1	92.5	95.7	3.4	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	92.6	93.9	1.4	91.6	95.4	4.1	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	93.1	95.6	2.6	91.4	96.3	5.2	75 - 125	20
Calcium	BRL	26.6	25.9	2.70	93.7	95.2	1.6	NC	NC	NC	75 - 125	20
Chromium	BRL	<0.001	<0.001	NC	91.4	93.1	1.8	89.2	93.8	5.0	75 - 125	20
Cobalt	BRL	<0.001	<0.001	NC	94.1	93.2	1.0	91.7	93.3	1.7	75 - 125	20
Copper	BRL	<0.005	<0.005	NC	94.2	95.9	1.8	92.5	96.5	4.2	75 - 125	20
Iron	BRL	<0.011	<0.011	NC	96.7	97.8	1.1	94.8	98.8	4.1	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	90.9	92.6	1.9	88.5	93.0	5.0	75 - 125	20
Magnesium	BRL	4.29	4.19	2.40	95.7	97.6	2.0	79.2	83.6	5.4	75 - 125	20

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Manganese	BRL	<0.001	<0.001	NC	93.7	95.7	2.1	91.2	96.0	5.1	75 - 125	20
Nickel	BRL	<0.001	<0.001	NC	97.3	99.5	2.2	94.8	99.5	4.8	75 - 125	20
Potassium	BRL	1.3	1.3	0	94.3	96.3	2.1	97.7	96.8	0.9	75 - 125	20
Selenium	BRL	<0.011	<0.011	NC	86.4	89.1	3.1	87.2	91.0	4.3	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	92.8	94.4	1.7	83.0	85.5	3.0	75 - 125	20
Sodium	BRL	16.6	16.8	1.20	98.6	101	2.4	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	92.5	94.1	1.7	91.2	95.8	4.9	75 - 125	20
Zinc	BRL	0.017	0.017	0	92.6	94.8	2.3	92.2	96.8	4.9	75 - 125	20
QA/QC Batch 233613, QC Sample No: BD86398 (BD86771, BD86772, BD86773, BD86775)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	105	103	1.9	105	101	3.9	70 - 130	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 13, 2013

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 233342, QC Sample No: BD83237 (BD86771, BD86772, BD86773, BD86775)									
Pesticides - Ground Water									
4,4' -DDD	ND	73						40 - 140	20
4,4' -DDE	ND	68						40 - 140	20
4,4' -DDT	ND	68						40 - 140	20
a-BHC	ND	73						40 - 140	20
a-Chlordane	ND	64						40 - 140	20
Alachlor	ND	N/A						40 - 140	20
Aldrin	ND	41						40 - 140	20
b-BHC	ND	65						40 - 140	20
Chlordane	ND	N/A						40 - 140	20
d-BHC	ND	70						40 - 140	20
Dieldrin	ND	66						40 - 140	20
Endosulfan I	ND	61						40 - 140	20
Endosulfan II	ND	65						40 - 140	20
Endosulfan sulfate	ND	63						40 - 140	20
Endrin	ND	86						40 - 140	20
Endrin aldehyde	ND	63						40 - 140	20
Endrin ketone	ND	67						40 - 140	20
g-BHC	ND	67						40 - 140	20
g-Chlordane	ND	64						40 - 140	20
Heptachlor	ND	57						40 - 140	20
Heptachlor epoxide	ND	64						40 - 140	20
Methoxychlor	ND	72						40 - 140	20
Toxaphene	ND	N/A						40 - 140	20
% DCBP	81	88						30 - 150	20
% TCMX	71	73						30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 233394, QC Sample No: BD85854 (BD86771, BD86772, BD86775)									
Semivolatiles - Ground Water									
1,2,4,5-Tetrachlorobenzene	ND	79	82	3.7				30 - 130	20
1,2,4-Trichlorobenzene	ND	75	78	3.9				30 - 130	20
1,2-Dichlorobenzene	ND	68	71	4.3				30 - 130	20
1,2-Diphenylhydrazine	ND	59	61	3.3				30 - 130	20
1,3-Dichlorobenzene	ND	69	72	4.3				30 - 130	20
1,4-Dichlorobenzene	ND	68	71	4.3				30 - 130	20
2,4,5-Trichlorophenol	ND	92	92	0.0				30 - 130	20
2,4,6-Trichlorophenol	ND	85	89	4.6				30 - 130	20
2,4-Dichlorophenol	ND	84	87	3.5				30 - 130	20
2,4-Dimethylphenol	ND	45	47	4.3				30 - 130	20
2,4-Dinitrophenol	ND	130	140	7.4				30 - 130	20

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dinitrotoluene	ND	97	100	3.0				30 - 130	20	
2,6-Dinitrotoluene	ND	92	96	4.3				30 - 130	20	
2-Chloronaphthalene	ND	73	77	5.3				30 - 130	20	
2-Chlorophenol	ND	67	70	4.4				30 - 130	20	
2-Methylnaphthalene	ND	75	78	3.9				30 - 130	20	
2-Methylphenol (o-cresol)	ND	63	65	3.1				30 - 130	20	
2-Nitroaniline	ND	96	100	4.1				30 - 130	20	
2-Nitrophenol	ND	70	73	4.2				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	64	67	4.6				30 - 130	20	
3,3'-Dichlorobenzidine	ND	33	37	11.4				30 - 130	20	
3-Nitroaniline	ND	72	77	6.7				30 - 130	20	
4,6-Dinitro-2-methylphenol	ND	136	142	4.3				30 - 130	20	I
4-Bromophenyl phenyl ether	ND	82	85	3.6				30 - 130	20	
4-Chloro-3-methylphenol	ND	81	84	3.6				30 - 130	20	
4-Chloroaniline	ND	39	44	12.0				30 - 130	20	
4-Chlorophenyl phenyl ether	ND	74	77	4.0				30 - 130	20	
4-Nitroaniline	ND	75	79	5.2				30 - 130	20	
4-Nitrophenol	ND	84	87	3.5				30 - 130	20	
Acenaphthene	ND	75	79	5.2				30 - 130	20	
Acenaphthylene	ND	51	53	3.8				30 - 130	20	
Acetophenone	ND	68	71	4.3				30 - 130	20	
Aniline	ND	65	73	11.6				30 - 130	20	
Anthracene	ND	76	80	5.1				30 - 130	20	
Benz(a)anthracene	ND	81	84	3.6				30 - 130	20	
Benzidine	ND	<5	<5	NC				10 - 130	20	I
Benzo(a)pyrene	ND	79	82	3.7				30 - 130	20	
Benzo(b)fluoranthene	ND	99	99	0.0				30 - 130	20	
Benzo(ghi)perylene	ND	94	93	1.1				30 - 130	20	
Benzo(k)fluoranthene	ND	85	94	10.1				30 - 130	20	
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20	
Benzyl butyl phthalate	ND	81	81	0.0				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	39	42	7.4				30 - 130	20	
Bis(2-chloroethyl)ether	ND	65	67	3.0				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	59	61	3.3				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	69	71	2.9				30 - 130	20	
Carbazole	ND	81	85	4.8				30 - 130	20	
Chrysene	ND	91	95	4.3				30 - 130	20	
Dibenz(a,h)anthracene	ND	95	95	0.0				30 - 130	20	
Dibenzofuran	ND	78	81	3.8				30 - 130	20	
Diethyl phthalate	ND	80	83	3.7				30 - 130	20	
Dimethylphthalate	ND	80	83	3.7				30 - 130	20	
Di-n-butylphthalate	ND	81	84	3.6				30 - 130	20	
Di-n-octylphthalate	ND	98	103	5.0				30 - 130	20	
Fluoranthene	ND	84	87	3.5				30 - 130	20	
Fluorene	ND	73	76	4.0				30 - 130	20	
Hexachlorobenzene	ND	69	72	4.3				30 - 130	20	
Hexachlorobutadiene	ND	77	80	3.8				30 - 130	20	
Hexachlorocyclopentadiene	ND	76	78	2.6				30 - 130	20	
Hexachloroethane	ND	65	68	4.5				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	94	93	1.1				30 - 130	20	
Isophorone	ND	75	78	3.9				30 - 130	20	
Naphthalene	ND	78	81	3.8				30 - 130	20	
Nitrobenzene	ND	67	71	5.8				30 - 130	20	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
N-Nitrosodimethylamine	ND	59	61	3.3				30 - 130	20
N-Nitrosodi-n-propylamine	ND	59	62	5.0				30 - 130	20
N-Nitrosodiphenylamine	ND	79	81	2.5				30 - 130	20
Pentachloronitrobenzene	ND	83	88	5.8				30 - 130	20
Pentachlorophenol	ND	92	95	3.2				30 - 130	20
Phenanthrene	ND	80	83	3.7				30 - 130	20
Phenol	ND	57	59	3.4				30 - 130	20
Pyrene	ND	79	83	4.9				30 - 130	20
Pyridine	ND	32	34	6.1				30 - 130	20
% 2,4,6-Tribromophenol	67	62	66	6.3				15 - 130	20
% 2-Fluorobiphenyl	91	74	77	4.0				30 - 130	20
% 2-Fluorophenol	67	54	56	3.6				15 - 130	20
% Nitrobenzene-d5	74	65	69	6.0				30 - 130	20
% Phenol-d5	59	50	53	5.8				15 - 130	20
% Terphenyl-d14	120	84	87	3.5				30 - 130	20

Comment:

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 233556, QC Sample No: BD86284 (BD86771, BD86772, BD86773, BD86775)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	85	84	1.2				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	88	95	7.7				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	67	83	92	10.3				30 - 150	20
% TCMX (Surrogate Rec)	78	87	85	2.3				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 233654, QC Sample No: BD86774 (BD86771, BD86772, BD86773, BD86774, BD86775)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	99	94	5.2	91	106	15.2	70 - 130	30
1,1,1-Trichloroethane	ND	97	88	9.7	84	98	15.4	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	92	91	1.1	92	101	9.3	70 - 130	30
1,1,2-Trichloroethane	ND	103	97	6.0	93	105	12.1	70 - 130	30
1,1-Dichloroethane	ND	99	91	8.4	89	102	13.6	70 - 130	30
1,1-Dichloroethene	ND	96	86	11.0	82	98	17.8	70 - 130	30
1,1-Dichloropropene	ND	90	80	11.8	80	98	20.2	70 - 130	30
1,2,3-Trichlorobenzene	ND	106	104	1.9	94	118	22.6	70 - 130	30
1,2,3-Trichloropropane	ND	96	92	4.3	94	106	12.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	103	98	5.0	94	113	18.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	105	98	6.9	106	113	6.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	97	96	1.0	100	111	10.4	70 - 130	30
1,2-Dibromoethane	ND	99	94	5.2	95	106	10.9	70 - 130	30
1,2-Dichlorobenzene	ND	99	93	6.3	91	105	14.3	70 - 130	30
1,2-Dichloroethane	ND	98	93	5.2	92	104	12.2	70 - 130	30
1,2-Dichloropropane	ND	98	92	6.3	91	103	12.4	70 - 130	30
1,3,5-Trimethylbenzene	ND	103	95	8.1	94	110	15.7	70 - 130	30

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichlorobenzene	ND	102	95	7.1	91	107	16.2	70 - 130	30	
1,3-Dichloropropane	ND	101	96	5.1	94	107	12.9	70 - 130	30	
1,4-Dichlorobenzene	ND	100	94	6.2	90	104	14.4	70 - 130	30	
2,2-Dichloropropane	ND	92	85	7.9	74	85	13.8	70 - 130	30	
2-Chlorotoluene	ND	104	97	7.0	93	109	15.8	70 - 130	30	
2-Hexanone	ND	98	99	1.0	102	109	6.6	70 - 130	30	
2-Isopropyltoluene	ND	103	95	8.1	93	109	15.8	70 - 130	30	
4-Chlorotoluene	ND	102	95	7.1	92	107	15.1	70 - 130	30	
4-Methyl-2-pentanone	ND	98	95	3.1	99	108	8.7	70 - 130	30	
Acetone	ND	73	67	8.6	55	64	15.1	70 - 130	30	l,m
Acrylonitrile	ND	97	100	3.0	105	108	2.8	70 - 130	30	
Benzene	ND	96	87	9.8	87	101	14.9	70 - 130	30	
Bromobenzene	ND	101	94	7.2	93	107	14.0	70 - 130	30	
Bromochloromethane	ND	100	96	4.1	94	106	12.0	70 - 130	30	
Bromodichloromethane	ND	98	92	6.3	91	104	13.3	70 - 130	30	
Bromoform	ND	98	95	3.1	92	104	12.2	70 - 130	30	
Bromomethane	ND	117	103	12.7	107	132	20.9	70 - 130	30	m
Carbon Disulfide	ND	91	82	10.4	79	94	17.3	70 - 130	30	
Carbon tetrachloride	ND	93	87	6.7	80	97	19.2	70 - 130	30	
Chlorobenzene	ND	101	95	6.1	91	105	14.3	70 - 130	30	
Chloroethane	ND	99	91	8.4	89	104	15.5	70 - 130	30	
Chloroform	ND	97	89	8.6	87	100	13.9	70 - 130	30	
Chloromethane	ND	97	86	12.0	84	100	17.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	104	93	11.2	92	106	14.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	99	93	6.3	93	105	12.1	70 - 130	30	
Dibromochloromethane	ND	99	95	4.1	94	107	12.9	70 - 130	30	
Dibromomethane	ND	94	92	2.2	91	100	9.4	70 - 130	30	
Dichlorodifluoromethane	ND	101	87	14.9	80	99	21.2	70 - 130	30	
Ethylbenzene	ND	101	93	8.2	96	107	10.8	70 - 130	30	
Hexachlorobutadiene	ND	98	90	8.5	86	107	21.8	70 - 130	30	
Isopropylbenzene	ND	108	98	9.7	93	111	17.6	70 - 130	30	
m&p-Xylene	ND	102	95	7.1	94	108	13.9	70 - 130	30	
Methyl ethyl ketone	ND	78	77	1.3	79	90	13.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	96	97	1.0	109	122	11.3	70 - 130	30	
Methylene chloride	ND	94	89	5.5	85	97	13.2	70 - 130	30	
Naphthalene	ND	105	105	0.0	>150	135	NC	70 - 130	30	m
n-Butylbenzene	ND	104	96	8.0	88	106	18.6	70 - 130	30	
n-Propylbenzene	ND	107	96	10.8	92	109	16.9	70 - 130	30	
o-Xylene	ND	106	99	6.8	93	107	14.0	70 - 130	30	
p-Isopropyltoluene	ND	105	96	9.0	93	111	17.6	70 - 130	30	
sec-Butylbenzene	ND	102	94	8.2	90	108	18.2	70 - 130	30	
Styrene	ND	103	96	7.0	91	106	15.2	70 - 130	30	
tert-Butylbenzene	ND	107	97	9.8	95	111	15.5	70 - 130	30	
Tetrachloroethene	ND	100	92	8.3	89	107	18.4	70 - 130	30	
Tetrahydrofuran (THF)	ND	90	93	3.3	92	98	6.3	70 - 130	30	
Toluene	ND	100	92	8.3	90	103	13.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	101	91	10.4	87	102	15.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	97	95	2.1	93	105	12.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	92	86	6.7	81	94	14.9	70 - 130	30	
Trichloroethene	ND	101	92	9.3	89	105	16.5	70 - 130	30	
Trichlorofluoromethane	ND	97	85	13.2	81	97	18.0	70 - 130	30	
Trichlorotrifluoroethane	ND	99	89	10.6	82	96	15.7	70 - 130	30	
Vinyl chloride	ND	107	95	11.9	83	101	19.6	70 - 130	30	

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	102	100	100	0.0	101	102	1.0	70 - 130	30
% Bromofluorobenzene	91	99	98	1.0	98	99	1.0	70 - 130	30
% Dibromofluoromethane	98	100	100	0.0	99	96	3.1	70 - 130	30
% Toluene-d8	99	100	100	0.0	99	98	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 233885, QC Sample No: BD87177 (BD86771 (5X) , BD86773 (10X) , BD86775 (5X))

Volatiles - Ground Water

Tetrachloroethene	ND	87	93	6.7	92	91	1.1	70 - 130	30
Trichloroethene	ND	88	95	7.7	93	91	2.2	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd 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
June 13, 2013

Sample Criteria Exceedences Report

GBD86771 - EBC

Requested Criteria: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD86771	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	61	5.0	5	5	ug/L
BD86771	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	61	5.0	5	5	ug/L
BD86771	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86771	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	50	5.0	5	5	ug/L
BD86771	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	50	5.0	5	5	ug/L
BD86771	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86771	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86771	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.063	0.04	0.04	ug/L
BD86771	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.074	0.042	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.074	0.042	0.002	0.002	ug/L
BD86771	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.074	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.074	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.063	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.063	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86771	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BD86771	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	24.5	0.010	0.1	0.1	mg/L
BD86771	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.105	0.001	0.05	0.05	mg/L
BD86771	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.49	0.011	0.3	0.3	mg/L
BD86771	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	34.9	0.11	20	20	mg/L
BD86771	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	97.1	0.010	0.3	0.3	mg/L
BD86771	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	39.1	0.01	35	35	mg/L
BD86771	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	4.97	0.005	0.3	0.3	mg/L
BD86771	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	33.8	0.1	20	20	mg/L
BD86771	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.137	0.001	0.1	0.1	mg/L
BD86771	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.044	0.002	0.025	0.025	mg/L
BD86772	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	23	1.0	5	5	ug/L
BD86772	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	23	1.0	5	5	ug/L
BD86772	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86772	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	15	1.0	5	5	ug/L
BD86772	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	ug/L
BD86772	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86772	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86772	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.063	0.04	0.04	ug/L
BD86772	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.063	0.042	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.063	0.042	0.002	0.002	ug/L
BD86772	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.053	0.053	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBD86771 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD86772	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.053	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.053	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.053	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86772	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BD86772	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	42.1	0.050	0.1	0.1	mg/L
BD86772	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.193	0.001	0.05	0.05	mg/L
BD86772	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	4.52	0.011	0.3	0.3	mg/L
BD86772	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	39.7	0.11	20	20	mg/L
BD86772	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	129	0.010	0.3	0.3	mg/L
BD86772	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	36.6	0.01	35	35	mg/L
BD86772	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	6.61	0.005	0.3	0.3	mg/L
BD86772	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	34.9	0.1	20	20	mg/L
BD86772	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.137	0.001	0.1	0.1	mg/L
BD86772	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.046	0.002	0.025	0.025	mg/L
BD86773	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	85	10	5	5	ug/L
BD86773	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	85	10	5	5	ug/L
BD86773	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86773	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	110	10	5	5	ug/L
BD86773	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	110	10	5	5	ug/L
BD86773	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86773	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86773	$PEST_GAWR	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.014	0.01	0.01	ug/L
BD86773	$PEST_GAWR	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND*	0.014	0.004	0.004	ug/L
BD86773	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.43	0.06	0.06	ug/L
BD86773	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	55.2	0.050	0.1	0.1	mg/L
BD86773	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.242	0.001	0.05	0.05	mg/L
BD86773	CU-WM	Copper	NY / TOGS - Water Quality / GA Criteria	0.215	0.005	0.2	0.2	mg/L
BD86773	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.14	0.01	0.1	0.1	mg/L
BD86773	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.22	0.001	0.3	0.3	mg/L
BD86773	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	213	0.050	0.3	0.3	mg/L
BD86773	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	48.2	0.01	35	35	mg/L
BD86773	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	8.02	0.005	0.3	0.3	mg/L
BD86773	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.253	0.001	0.1	0.1	mg/L
BD86773	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.093	0.002	0.025	0.025	mg/L
BD86774	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L

Sample Criteria Exceedences Report

GBD86771 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD86774	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86774	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86775	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	57	5.0	5	5	ug/L
BD86775	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	57	5.0	5	5	ug/L
BD86775	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86775	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	47	5.0	5	5	ug/L
BD86775	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	47	5.0	5	5	ug/L
BD86775	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86775	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86775	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.071	0.04	0.04	ug/L
BD86775	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.047	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.047	0.002	0.002	ug/L
BD86775	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BD86775	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	25.5	0.010	0.1	0.1	mg/L
BD86775	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.111	0.001	0.05	0.05	mg/L
BD86775	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.03	0.001	0.3	0.3	mg/L
BD86775	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	36.2	0.11	20	20	mg/L
BD86775	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	104	0.010	0.3	0.3	mg/L
BD86775	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	40.8	0.01	35	35	mg/L
BD86775	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	5.01	0.005	0.3	0.3	mg/L
BD86775	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	34.0	0.1	20	20	mg/L
BD86775	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.140	0.001	0.1	0.1	mg/L
BD86775	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.040	0.002	0.025	0.025	mg/L

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.

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

June 13, 2013

SDG I.D.: GBD86771

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

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 on ice Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: csosikee@eblcny.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge NY

Project: 853 Lexington Ave Bklyn NY
Report to: EBC
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5.31

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	TM metals Filt/unFilt	Pest/PCBs	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
86771	MW 1	gw	5.31	1000	x	x	x	x					3	3	1		1	
86772	MW 2 *	gw	↓	1100	x	x	x	x					3	1	1		1	
86773	MW 3 ①	gw	↓	1200	x	x	x	x					3	3	1		1	
86774	triplblank		↓		x													
86775	duplicate	gw	↓		x	x	x	x										

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-4-13	1:10 P
[signature]	[signature]	6-4-13	1608

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES.

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:

* Rcvd(3) 1 Ltr Amber
① Rcvd(1) 1 ltr amber ½ Full
emailed client 6/4/13 (JV)

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 7° Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: csosikeebcinny.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge NY

Project: 853 Lexington Ave Bklyn NY
Report to: EBC
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5.31

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	Metals Fil/UnFilt	Pest/PCBs																					
86771	MW 1	gw	5.31	1000	x	x	x	x												3	3	1		1					
86772	MW 2 *	gw	↓	1100	x	x	x	x												3	1	1		1					
86773	MW 3 ①	gw	↓	1200	x	x	x	x												3	3	1		1					
86774	trip blank		↓		x																								
86775	duplicate	gw	↓		x	x	x	x																					

Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [x] As is [ ] H2SO4
PL As is [x] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-4-13	1:10 P
[signature]	[signature]	6-4-13	1608

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES.

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

Comments, Special Requirements or Regulations:

* Rcvd (3) 1 Ltr Amber
① Rcvd (1) 1 ltr amber 1/2 Full
emailed client 6/4/13 (LW)

Added PCB's & Pests. 6-5-13 (SW)

State where samples were collected: NY

GBD 86771

Shannon - Phoenixlabs

From: Kevin Brussee [kbrussee@ebcincny.com]
Sent: Wednesday, June 05, 2013 08:24 AM
To: 'Shannon - Phoenixlabs'
Cc: 'Charles Sosik'
Subject: RE: 853 LEXINGTON AVE

Please run pesticides and/or PCBs. I'll try and collect additional volume today to run SVOCs.

Kevin Brussee
Project Manager
EBC
Environmental Business Consultants
Ph: 631.504.6000 ext. 114
Fax: 631.924.2870
Cell: 631.338.1749
Kbrussee@ebcincny.com

From: Shannon - Phoenixlabs [mailto:shannon@phoenixlabs.com]
Sent: Tuesday, June 04, 2013 5:14 PM
To: 'Kevin Brussee'
Cc: 'Charles Sosik'
Subject: 853 LEXINGTON AVE

We received samples today for the above referenced project but your sample MW-3 had very limited sample volume. The amber bottle was a little more than half full and you are requesting 8270, Pests & Pcb's. We usually require a full liter for each of these tests. Please let me know how you would like to proceed. Thank you.

Shannon Wilhelm
Phoenix Environmental Labs

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 13, 2013

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

Project ID: 853 LEXINGTON AVE., BROOKLYN
Sample ID#s: BD86776 - BD86779

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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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

June 13, 2013

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:	KB	05/31/13	11:20
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86776

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.41	*0.204*	2.01	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Acetone	1.89	*0.421*	4.49	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	0.38	*0.313*	1.21	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	0.17	*0.149*	1.14	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG3

Phoenix I.D.: BD86776

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	3.44	*0.321*	10.7	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	0.23	*0.205*	1.12	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	0.33	*0.291*	1.14	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.54	*0.202*	2.67	*1.00*	06/04/13	KCA	TO15	
Ethanol	23.4	*0.531*	44.1	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	2.21	*0.278*	7.96	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	0.27	*0.230*	1.17	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	0.81	*0.230*	3.52	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	0.4	*0.230*	1.74	*1.00*	06/04/13	KCA	TO15	
Propylene	4.23	*0.581*	7.28	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	1540	*0.037*	10400	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	1
Toluene	1.25	*0.266*	4.71	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	26.4	*0.047*	142	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.26	*0.178*	1.46	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	110	*%*	110	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD86776

Client ID: SG3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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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

June 13, 2013

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:	KB	05/31/13	11:25
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86777

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.59	*0.204*	2.90	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.44	*0.244*	1.80	*1.00*	06/04/13	KCA	TO15	
Acetone	2.35	*0.421*	5.58	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	0.48	*0.313*	1.53	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG2

Phoenix I.D.: BD86777

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	0.33	*0.321*	1.03	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.39	*0.040*	2.45	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	0.91	*0.205*	4.44	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	57.8	*0.252*	229	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	ND	*0.291*	ND	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.59	*0.202*	2.92	*1.00*	06/04/13	KCA	TO15	
Ethanol	21	*0.531*	39.5	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	1.76	*0.278*	6.34	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	1.8	*0.230*	7.81	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	5.22	*0.230*	22.6	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	0.35	*0.339*	1.03	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	1.32	*0.288*	4.58	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	2.43	*0.230*	10.5	*1.00*	06/04/13	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	1370	*0.037*	9290	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	0.41	*0.339*	1.21	*1.00*	06/04/13	KCA	TO15	1
Toluene	1.57	*0.266*	5.91	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	0.3	*0.252*	1.19	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	613	*0.047*	3290	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.23	*0.178*	1.29	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	107	*%*	107	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD86777

Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

June 13, 2013

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:	KB	05/31/13	11:30
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86778

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.32	*0.204*	1.57	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Acetone	2.57	*0.421*	6.10	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG1

Phoenix I.D.: BD86778

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	4.24	*0.321*	13.2	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	ND	*0.291*	ND	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.5	*0.202*	2.47	*1.00*	06/04/13	KCA	TO15	
Ethanol	19.5	*0.531*	36.7	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	1.83	*0.278*	6.59	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	0.47	*0.230*	2.04	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	0.4	*0.339*	1.18	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	0.62	*0.288*	2.15	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	ND	*0.230*	ND	*1.00*	06/04/13	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	6.24	*0.037*	42.3	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	1
Toluene	0.85	*0.266*	3.20	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	2.56	*0.047*	13.7	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.22	*0.178*	1.24	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	99	*%*	99	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG1

Phoenix I.D.: BD86778

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

June 13, 2013

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:	KB	05/31/13	11:15
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86779

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.41	*0.204*	2.01	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Acetone	2.79	*0.421*	6.62	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	0.5	*0.313*	1.60	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG4

Phoenix I.D.: BD86779

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.19	*0.040*	1.19	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	0.78	*0.205*	3.81	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	0.82	*0.252*	3.25	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	0.44	*0.291*	1.51	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.57	*0.202*	2.82	*1.00*	06/04/13	KCA	TO15	
Ethanol	13.4	*0.531*	25.2	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	1.83	*0.278*	6.59	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	0.67	*0.230*	2.91	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	0.84	*0.339*	2.48	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	0.41	*0.288*	1.42	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	0.32	*0.230*	1.39	*1.00*	06/04/13	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	1030	*0.037*	6980	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	1
Toluene	1.28	*0.266*	4.82	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	206	*0.047*	1110	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.23	*0.178*	1.29	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	102	*%*	102	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD86779

Client ID: SG4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Thursday, June 13, 2013

Requested Criteria: None

State: NY

Sample Criteria Exceedences Report

GBD86776 - 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.

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. #

Data Delivery:
- ☐ Fax #:
- ☒ Email: csosive etcinenv.com
- ☐ Phone #:

Report to: ETC

Customer: ETC

Address: 1808 middle Country Rd Ridge NY

Invoice to: ETC

Sampled by: kw

Project Name: 853 Lexington Ave Bklyn NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

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	
86776	S93	495	6.0			~~4088~~ 5666	40	1120	1300	5-31	-29	-6		X			X
86777	S92	468	↓			~~5646~~ 3409	↓	1125	1302	↓	-29	-6		X			X
86778	S91	365				5707		1130	1310		-30	-8		X			X
86779	S94	491				~~3409~~ 5707		1135	1258		-30	-7		X			X
	6L 2HR																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-4-13	1:00 P
[signature]	[signature]	6-4-13	16:08

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

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:

Quote Number:

Signature: Date:

APPENDIX – C

NOVA Geophysical Survey Report

GEOPHYSICAL ENGINEERING SURVEY REPORT

COMMERCIAL PROPERTY / BUILDING

853 Lexington Avenue,
Brooklyn, New York 11221

NOVA PROJECT NUMBER
14-0203

DATED
January 22, 2014

PREPARED FOR:
Environmental Business Consultants
Ph: 631.504.6000
Fax: 631.924.2870

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions

56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-1 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

January 22, 2013

Kevin Brussee
Project Manager
Environmental Business Consultants
Ph: 631.504.6000 ext. 114
Fax: 631.924.2870
Cell: 631.338-1749
Kbrussee@ebcincny.com

Re: Geophysical Survey Report
Commercial Building/ Property
853 Lexington Avenue
Brooklyn, New York 11221

Dear Mr. Brussee:

Nova Geophysical Services (NOVA) is pleased to provide findings of our geophysical surveys at the above referenced project sites located at 853 Lexington Avenue, Brooklyn, New York (the "Site"). Please see attached Geophysical Survey map for more details.

INTRODUCTION TO GEOPHYSICAL SURVEY

NOVA performed Geophysical surveys consisting of Ground Penetrating Radar (GPR), Electromagnetic (EM) surveys and comprehensive subsurface utility (CSUL) surveys at the project Site. The purpose of this survey is to identify subsurface structures, anomalies; underground storage tanks (USTs)-if any that maybe located at the project site on January 6th, 2014.

The equipment selected for this investigation will be included a CSUL Pipe and Cable Locator (an magnetic detector), Electromagnetic detector (Geonics EM61), Noggin's 250 MHz ground-penetrating radar (GPR) units.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed

pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

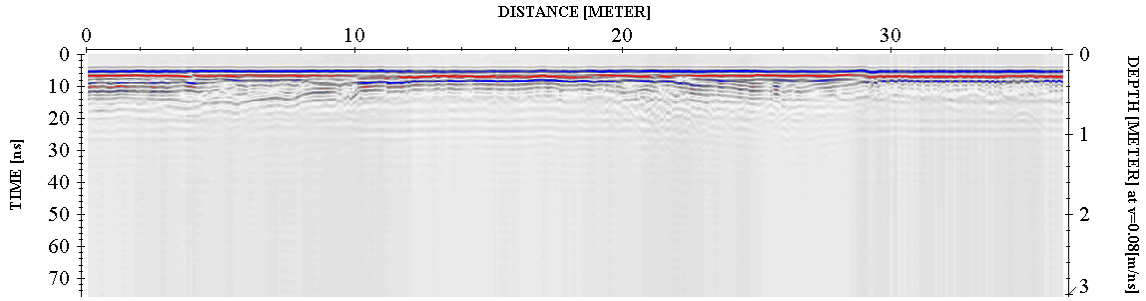
The project site was first screened using the Geonics(tm) electromagnetic detector by carrying the instrument over the boring locations at the site in 5' x 5' traverses. When evidence of anomalies were observed, the Ditch-witch(tm) utility locator was then used to determine if the anomalies were utilities or other large sub-surface metal objects. Finally, GPR profiles were collected over each metal-detector anomaly and inspected for reflections, which could be indicative of major anomalies.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed area consisted of paved areas (sidewalk and private property).

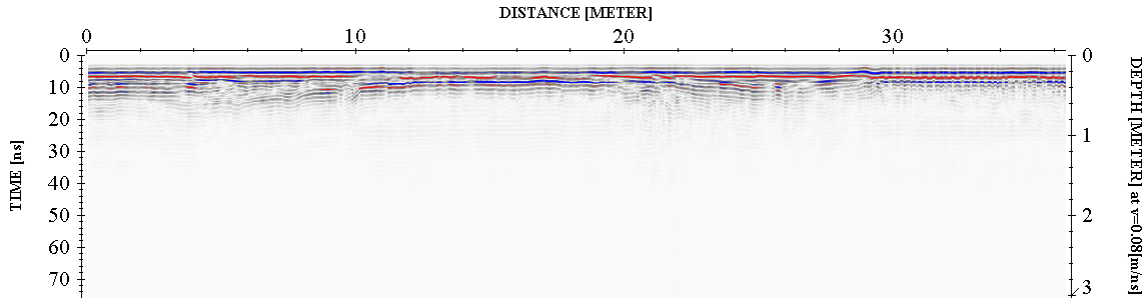
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

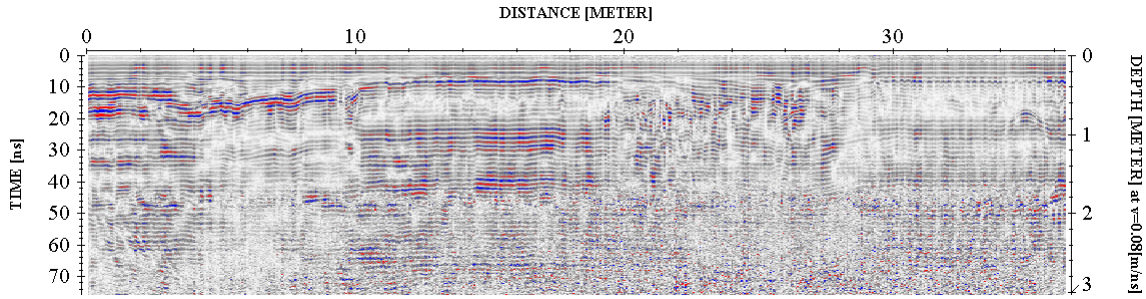
Step 1. Import raw RAMAC data to standard processing format



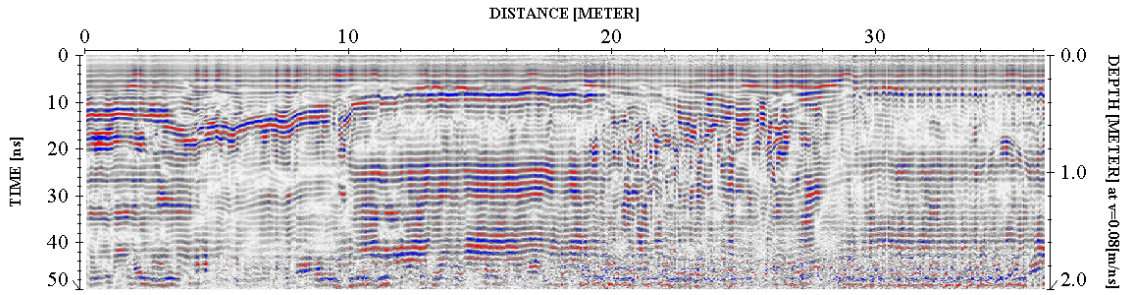
Step 2. Remove instrument noise *(dewow)*



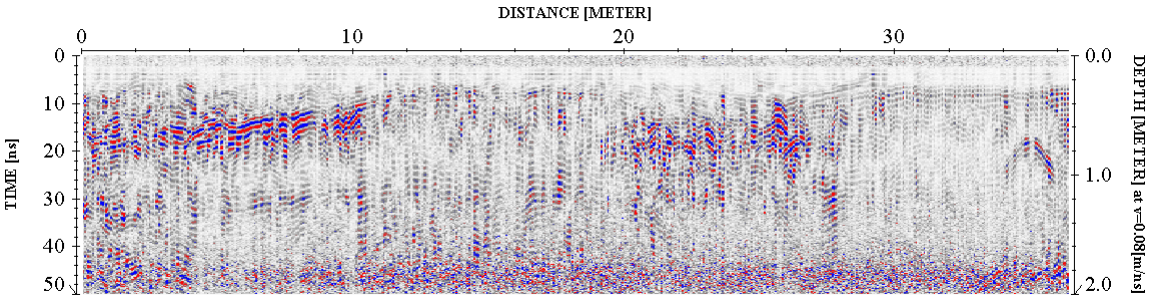
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: light Snow.

Temp: 12 degrees.

Surface: Concrete paved areas (sidewalk and private property).

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was medium to high at the time of the survey due to on site business settings concrete floor with reinforcements at the time of the survey.

RESULTS

The results of the geophysical survey identified following anomalies located at the project Site:

- Geophysical survey identified scattered anomalies located throughout the project site. Based on their reflection rates and physical evidences, none of these anomalies were consistent with any major substructures such as USTs.

- Geophysical survey identified minor anomalies located throughout the project area. Based on their reflection rate and proximity, none of these reflections were consistent with any major substructures such as USTs or oil/water separator.

- Geophysical survey identified subsurface utility pipes (electric, gas, sewer, water, etc.) located along the south side of the project area facing Lexington Avenue.

- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.
Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images
Geophysical /GPR images

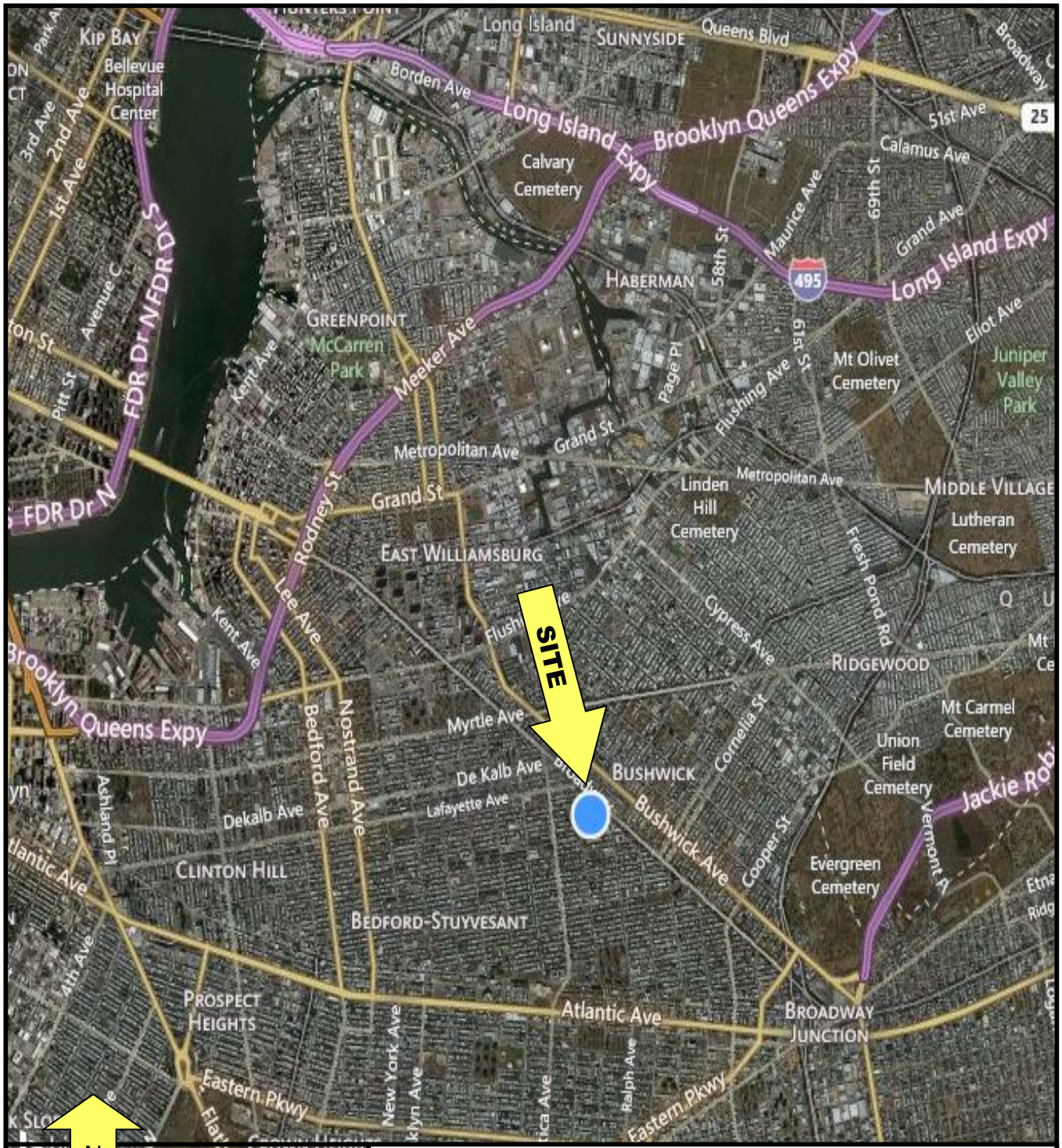


FIGURE 1

SITE LOCATION MAP

NOVA

Geophysical Services

Subsurface Mapping Solutions

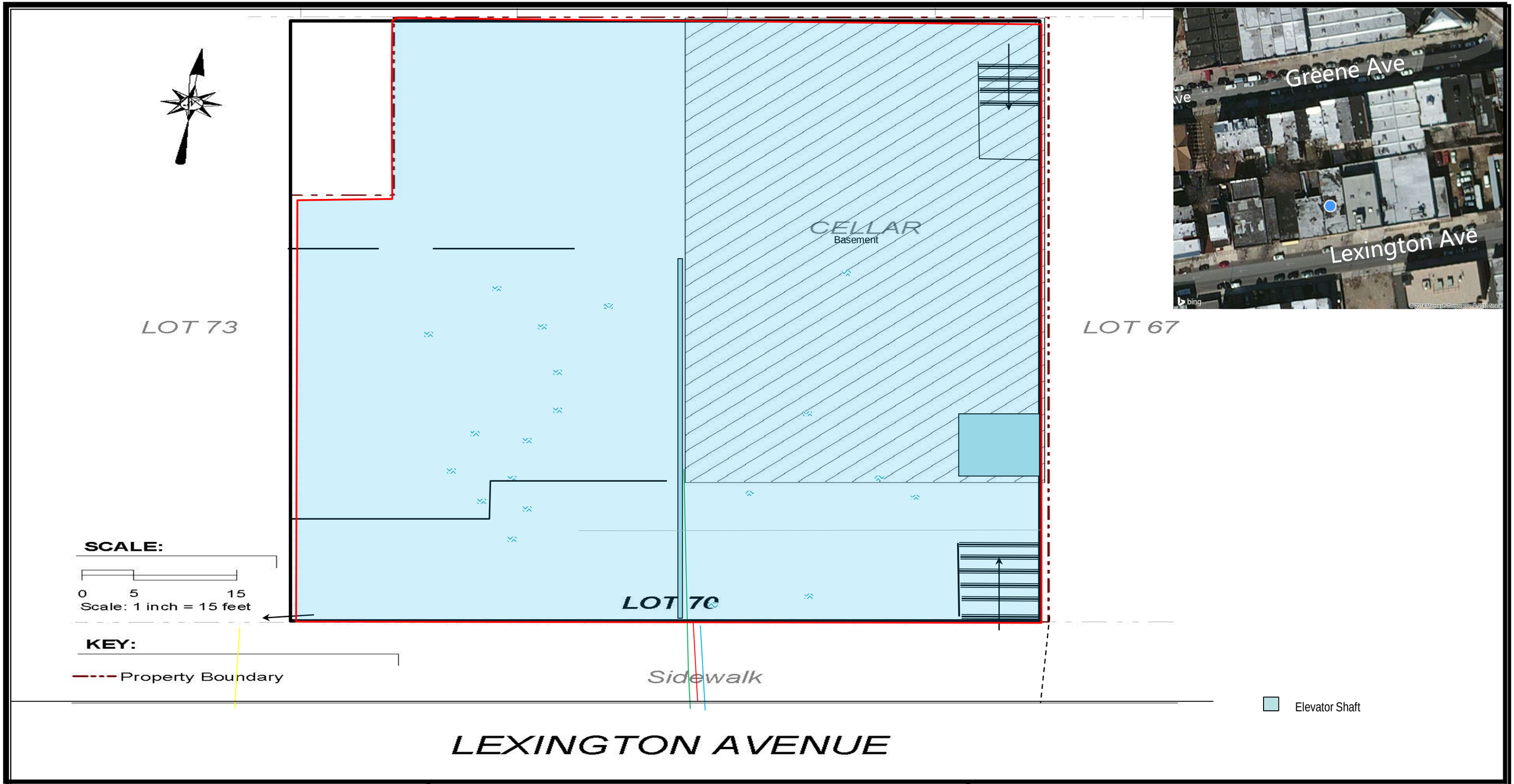
56-01 Marathon Pkwy, PO Box 765, Douglaston, NY11362

(718) 261-1527 Fax (718) 261-1528

www.nova-gsi.com

SITE: **Commercial Property**
853 Lexington Avenue
Brooklyn, NY 11221

SCALE: See Map



NOVA
Geophysical Engineering Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY SITE PLAN

SITE: 853 Lexington Avenue, Brooklyn, NY
CLIENT: Environmental Business Consultants
SCALE: Not To Scale
DATE : 01/06/14

INFORMATION

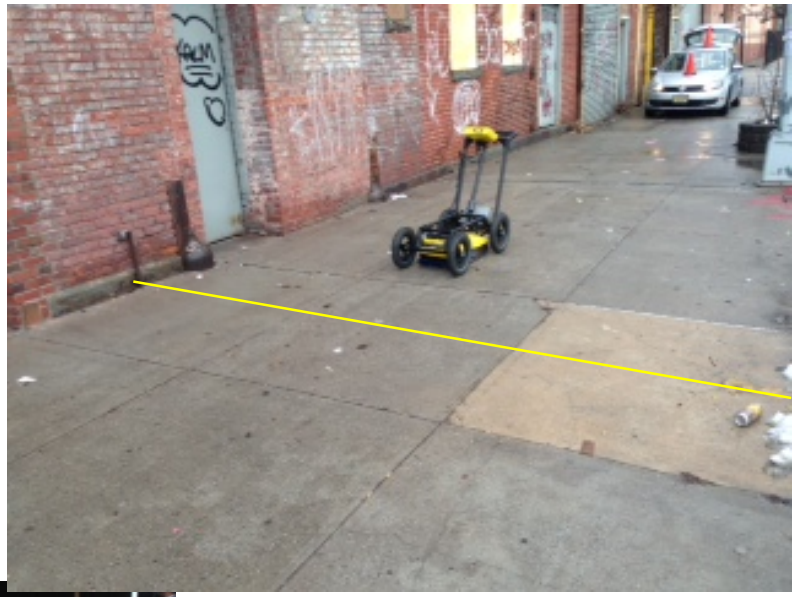
- GPR / EM Surveyed Area
- Scattered/ Anomaly
- Major Anomaly
- Underground Piping (Sewer, Electric, and gas)
- Basement Level
- Geophysical Noise / No Survey was performed

GEOPHYSICAL IMAGES

Commercial Property / Building

853 Lexington Avenue, Brooklyn, New York

January 6, 2014

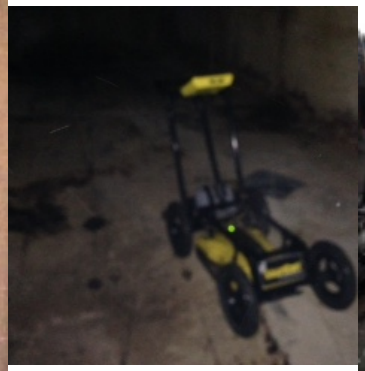


GEOPHYSICAL IMAGES

Commercial Property / Building

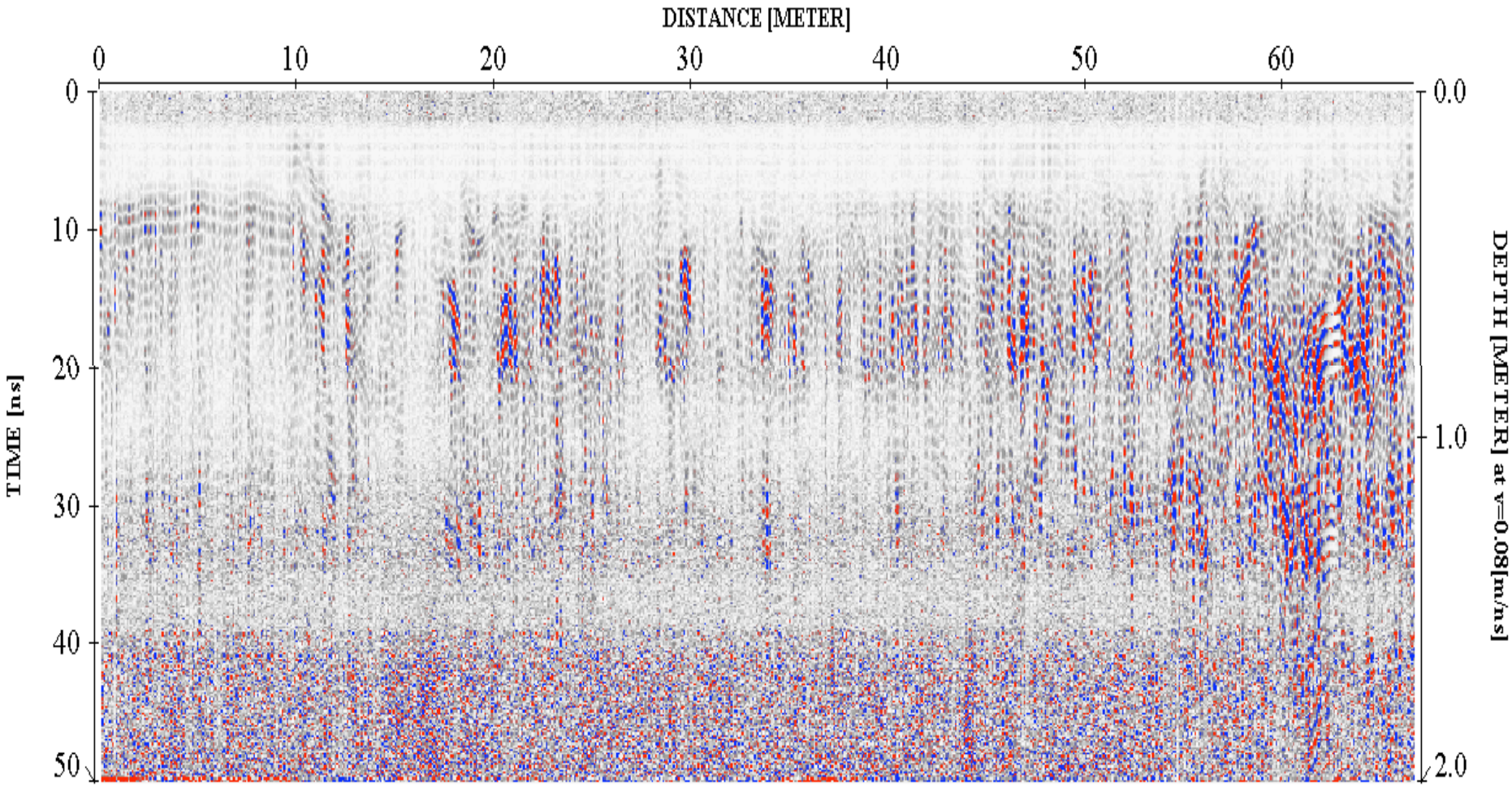
853 Lexington Avenue, Brooklyn, New York

January 6, 2014



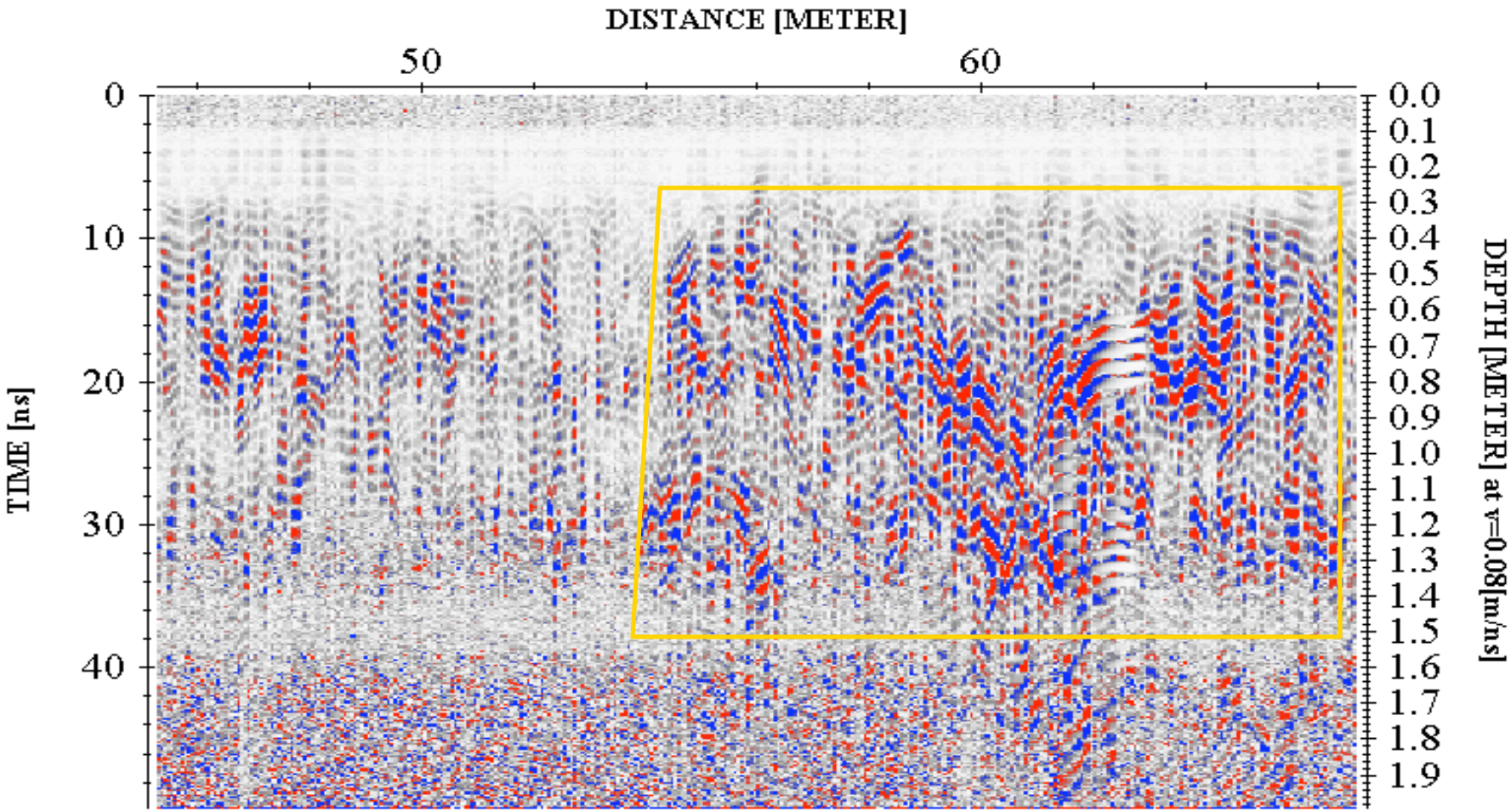
GEOPHYSICAL (GPR) IMAGES

853 Lexington Avenue, Brooklyn, NY
January 6, 2014



GEOPHYSICAL (GPR) IMAGES

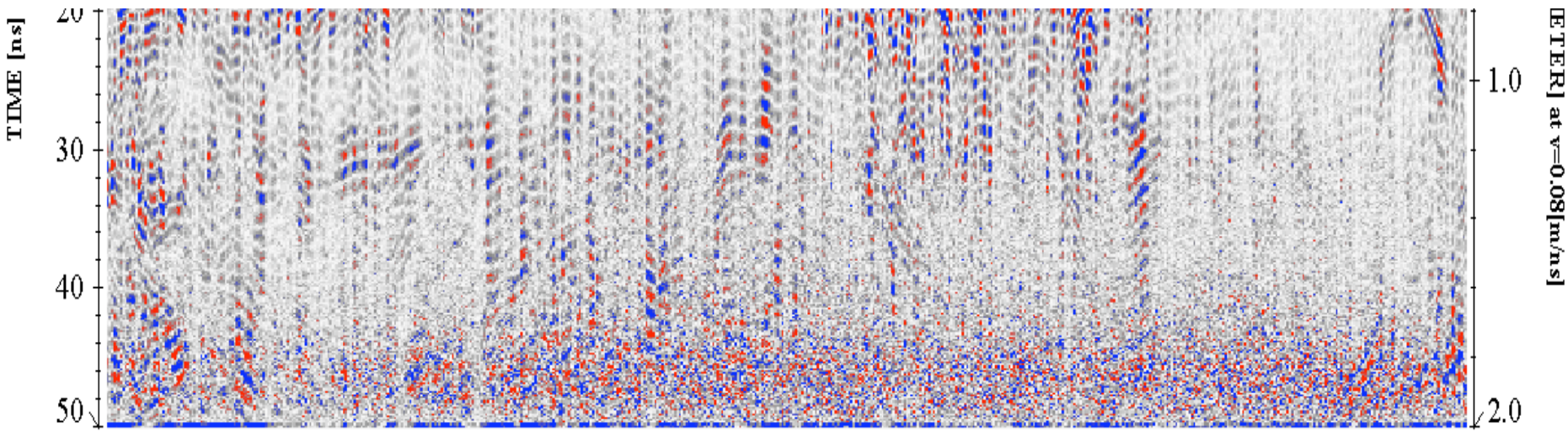
853 Lexington Avenue, Brooklyn, NY
January 6, 2014



GEOPHYSICAL (GPR) IMAGES

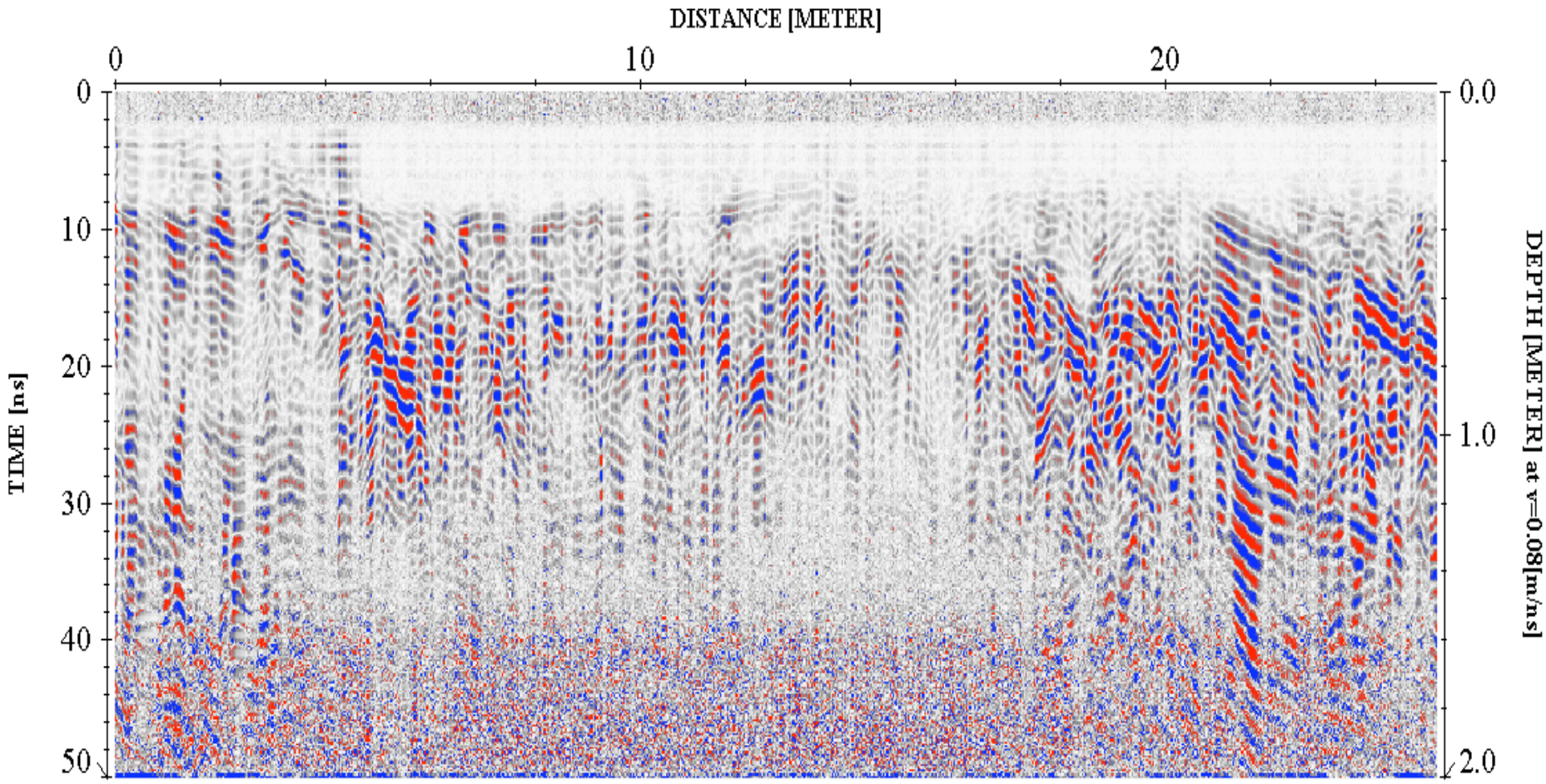
853 Lexington Avenue, Brooklyn, NY
January 6, 2014

Anomaly (Utility-Water)



GEOPHYSICAL (GPR) IMAGES

853 Lexington Avenue, Brooklyn, NY
January 6, 2014



APPENDIX - D

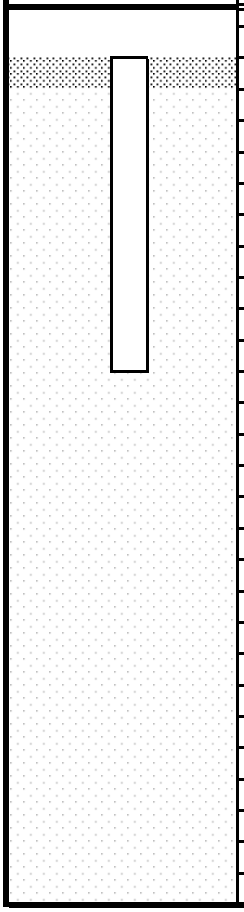
Soil Boring Logs

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the souheast corner of the site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	Groundwater depth 43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		Installed MW1 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca		

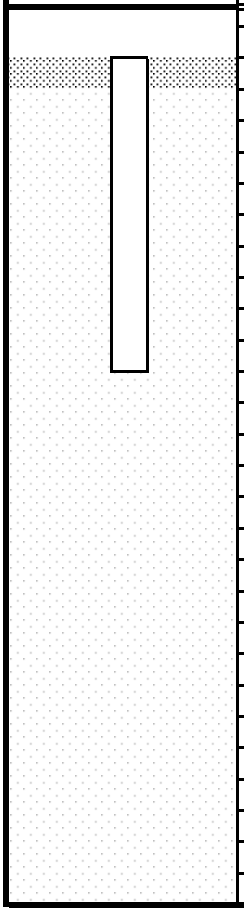
B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	8" - Concrete. 17" - Historic fill comprised of coal, broken brick, gravel in a silty sand matrix. 16" - Fine brown silty sand with no gravel. **Retained Soil Sample (0-2')*.
	to 10	50		0.0	5" - Cave in. 40" - Tan coarse sand. 8" - Firm, fine brown silty sand. **Retained Soil Sample (4-6')*.

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the southeast corner of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet		Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013			Installed MW2 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca			

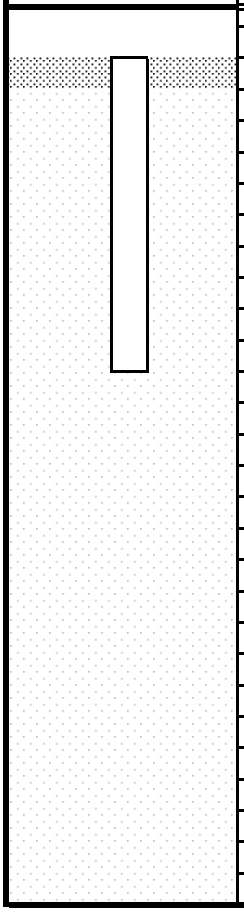
B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	40		0.0	5" - Concrete followed by sandy fill material and coal ash. 3" - Dark brown sandy fill with gravel 18" - Moist, firm, brown silty sand with no gravel. 14" - Coarse brown sand with coal odor. **Retained Soil Sample (0-2').*
	to 10	60		0.0	20" - Coarse brown sand. 20" - Moist, loose brown sandy loam and no gravel. 20" - Fine brown silty sand, firm with no gravel. **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the rear (northwest) corner of the site.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		Installed MW3 to 55' below surface grade. (1" PVC with 15' screen and 40' riser)
Completion Depth: 10'	Geologist D.Mosca		

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	48		0.0	8" - Concrete followed by sandy fill material and coal ash. 8" - Dark brown historic fill in a silty sand matrix. 22" - Firm brown silty sand with little to no gravel. 10" - Coarse brown sand with no gravel. **Retained Soil Sample (0-2') and Duplicate.*
	to 10	50		0.0	6" - Coarse brown sand and a 3" large stone. 30" - Coarse brown sand. The bottom 10" saturated. 14" - Fine brown sandy loam, firm **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed north of soil boring B2 in the center of the building.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: CSR1301	Address: 853 Lexington Avenue Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions, Inc.	Method: Geoprobe	43 feet	Well Specifications
Date Started: 5/22/2013	Date Completed: 5/22/2013		None
Completion Depth: 10'	Geologist D.Mosca		

B4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	55		0.0	6" - Concrete (2") followed by sandy fill material and coal ash. 5" - Red brick. 21" - Fine brown silty sand, firm with little to no gravel. 23" - Coarse brown sand. **Retained Soil Sample (0-2').*
	to 10	60		0.0	16" - Large stone and cave in. 26" - Coarse brown sand with little to no gravel. 18" - Firm brown silty sand with little to no gravel. **Retained Soil Sample (4-6').*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B6

Location: Performed along the southwestern entry point of the property.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 853 Lexington Avenue, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014			None
Completion Depth: 45 feet	Geologist Dominick Mosca			

B6 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	16		0.0	4" - concrete. 12" - Brown fine sand with no gravel. No odo **Retained soil sample B6(0-2)*
	to 10	36		0.0	8" - Brown fine sand 28" Moist brown clay
	to 15	38		0.0	19" - Brown silty sand with large gravel. No odo 12" - Brown moist clay 7" - Btown silty sand witch gravel **Retained soil sample B6(10-12) and Duplicate.*
	to 20	36		0.0	36" - Coarse sand with gravel. No odo
	to 25	30		0.0	30" - Coarse sand with gravel. No odo
	to 30	31		0.0	31" - Brown coarse sand with gravel. No odo
	to 35	30		0.0	30" - Brown coarse sand with gravel. No odo
	to 40	28		1.0	30" - Brown coarse sand with gravel. No odo
	to 45	31		0.0	4" - coarse sand with moist gravel. 27" - Saturated sand with gravel. No odor. **Retained soil sample B6(43-45)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B7

Location: Performed in the rear left of main room, 10' from rear wall.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 853 Lexington Avenue, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014			None
Completion Depth: 45 feet	Geologist Dominick Mosca			

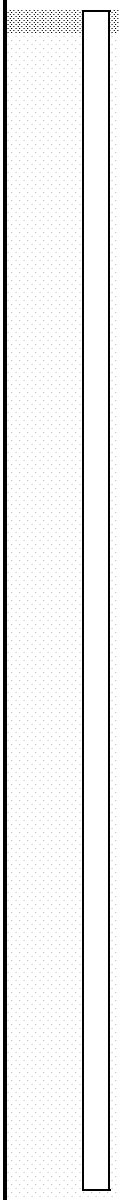
B7 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	14		0.0	4" - concrete. 6" - Red brick 2" - Grave 2" - Silty sand with red brick **Retained soil sample B7(0-2)*
	to 10	24		0.0	12" - Coarse tan sand with red brick 12" - Brown moist silty loam. No odor
	to 15	50		0.0	20" - Moist brown clay without grave 30" - Firm Brown silty sand. No odor **Retained soil sample B7(10-12)*
	to 20	35		0.0	10" - Moist red/brown clay with no gravel. No odo 25" - Brown coarse sand with gravel. No odo
	to 25	28		0.0	28" - Brown coarse sand with gravel. No odo
	to 30	30		0.0	30" - Brown coarse sand with gravel. No odo
	to 35	34		0.0	34" - Brown coarse sand with gravel. No odo
	to 40	30		0.0	30" - Brown coarse sand with gravel. No odo
	to 45	26		0.0	16" - Moist brown coarse sand with gravel. 10" - Saturated coarse sand with gravel. **Retained soil sample B7(43-45)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B8

Location: Performed in the center of the site. (Left room along wall and 50 feet from street property line)		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name:	Address: 853 Lexington Avenue, Brooklyn, New York	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014		temporary 1" diameter PVC well installed to 50ftbg. 10ft screen/40ft riser.
Completion Depth: 50 feet	Geologist Dominick Mosca		



B8 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	40		2.0	6" - concrete. 20" - Dark ash with glass, concrete, brick,etc. 8" - Reed/brown silty sand with no gravel. 6" - Red/brown moist sandy clay. **Retained soil sample B8(0-2)*
	5 to 10	40		3.0	2" - Red/brown clay from above. 5" - Ashy layer mixed with concrete and glass 33" - Brown silty sand with some fine gravel. No odor.
	10 to 15	35		0.0	15" - Moist brown clay. 20" - Red/brown silty sand with large gravel. **Retained soil sample B8(10-12)*
	15 to 20	25		0.0	25" - Coarse tan sand with gravel. No odor
	20 to 25	25		0.0	25" - Brown coarse sand with gravel. No odor
	25 to 30	30		0.0	30" - Brown coarse sand with gravel. No odor
	30 to 35	20		0.0	34" - Brown coarse sand with gravel. No odor
	35 to 40	36		0.0	36" - Brown coarse sand with gravel. No odor
	40 to 45	8		0.0	3" - Saturated silty sand. 5" Coarse sand with gravel. No odor. **Retained soil sample B8(43-45)*
	45 to 50	20		0.0	20" - Saturated coarse sand with gravel. No odor.

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B9

Location: Performed about 20 feet from front entrance, adjacent to stairs for second floor.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 853 Lexington Avenue, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014			None
Completion Depth: 45 feet	Geologist Dominick Mosca			

B9 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	16		3.4	4" - concrete. 4" - Fill materials 8" - Brown silty sand with little/no grave **Retained soil sample B9(0-2)*
	5 to 10	36		0.0	15" - Fine grained sand with silt 21" - Brown fine grained sand with clay. Sliglt plasticity.
	10 to 15	37		0.0	16" - Brown clay 21"- Brown silty sand with no gravel. **Retained soil sample B9(10-12)*
	15 to 20	29		1.7	29" - Brown sitly sand mixed with coarse sand, grained and some grave
	20 to 25	40		0.0	40" - Brown coarse sand with gravel. No odo
	25 to 30	15		0.0	15" - Brown coarse sand with gravel. No odo
	30 to 35	27		0.0	27" - Brown coarse sand with gravel. No odo
	35 to 40	31		0.0	31" - Brown coarse sand with gravel. No odo
	40 to 45	26		0.0	8" - Moist coarse grained sand. 18" - Saturated coarse sand. **Retained soil sample B9(43-45)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B10

Location: Performed in the rear corner of the site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name:	Address: 853 Lexington Avenue, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014			None
Completion Depth: 45 feet	Geologist Dominick Mosca			

B10 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 5	30		0.0	4" - concrete. 12" - Dark ashy fill layer with gravel and coa 14" - Brown silty sand with little to no grave **Retained soil sample B10(0-2)*
	5 to 10	45		0.0	10" Saturated silty sand with coarse gravel. No odor. 15" - Tan silty sand with little to no grave 20" - moist brown clay. No odor
	10 to 15	38		0.0	14" - Moist brown clay. No odor 24" - Brown silty sand with little to no gravel. No odor. **Retained soil sample B7(10-12)*
	15 to 20	24		0.0	12" Brown silty sand 12" - tan coarse sand with gravel. No odo
	20 to 25	40		0.0	40" - Brown coarse sand with gravel. No odo
	25 to 30	33		0.0	33" - Brown coarse sand with gravel. No odo
	30 to 35	30		0.0	30" - Brown coarse sand with gravel. No odo
	35 to 40	40		0.0	40" - Brown coarse sand with gravel. No odo
	40 to 45	30		0.0	20" - Moist tan coarse sand with gravel. 10" - Saturated coarse sand with gravel. **Retained soil sample B7(43-45)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B11

Location: Performed in the center of the basement.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: NYD1301	Address: 853 Lexington Avenue, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014			None
Completion Depth: 8 feet	Geologist Dominick Mosca			

B11 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	15		0.0	15'' - Brown silty sand with gravel mixed with some concrete. No odor. *Retained soil sample B11(0-2)*
	4 to 8	20		0.0	20'' - Brown moist silty sand with large gravel. No *Retained soil sample B11(6-8)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B12

Location: Performed in the center of the basement.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: NYD1301	Address: 853 Lexington Avenue, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014			None
Completion Depth: 8 feet	Geologist Dominick Mosca			

B12 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	12		0.0	12'' - Red/brown silty sand with gravel **Retained soil sample B12(0-2)*
	to 8	28		0.0	28'' - Red/brown firm silty sand. **Retained soil sample B12(6-8)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B13

Location: Performed in the center of the basement toward Lexington Avenue.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: NYD1301	Address: 853 Lexington Avenue, Brooklyn, New York	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe			Well Specifications
Date Started: 1/6/2014	Date Completed: 1/7/2014			None
Completion Depth: 8 feet	Geologist Dominick Mosca			

B13 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	30		0.0	15'' - Brown silty sand with gravel. No odor. 15'' - Brown moist clay with no gravel. No odor. **Retained soil sample B13(0-2)*
	to 8	22		0.0	22'' - Coarse sand with silt and large rock. No **Retained soil sample B13(6-8)*

APPENDIX - E

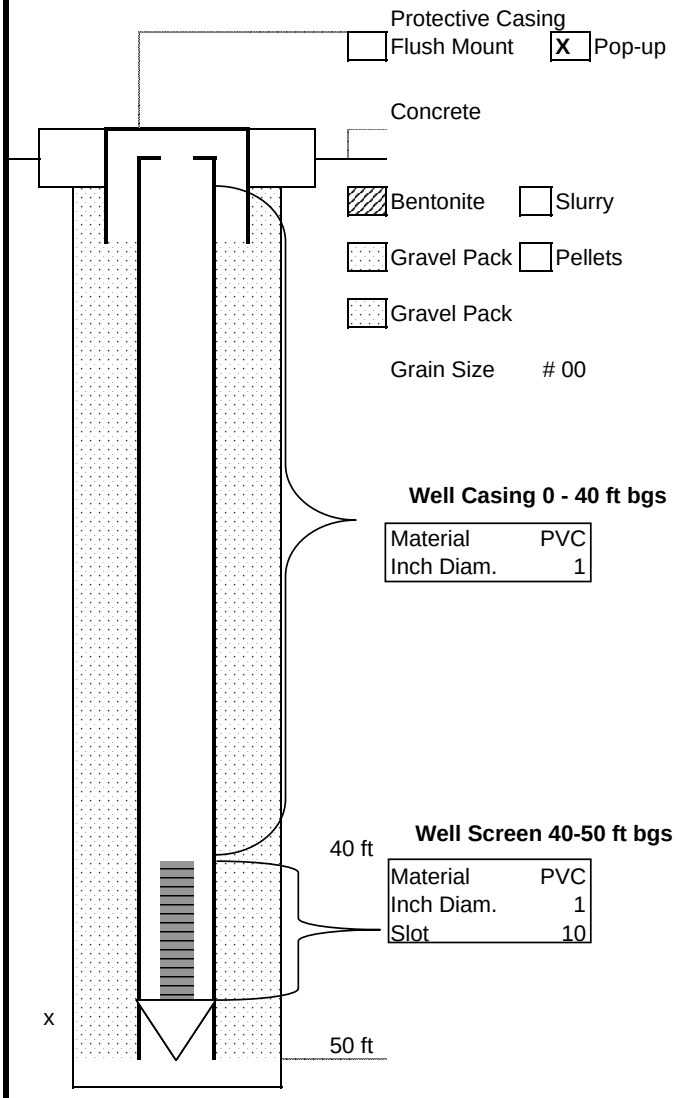
Well Construction Logs

GROUNDWATER MONITORING WELL

ENVIRONMENTAL BUSINESS CONSULTANTS

CONSTRUCTION LOG

MW-1



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-1

Project: 853 Lexington Avenue, Brooklyn, NY

Depth to Groundwater Date: 5/22/2013

Installation Depth: 50ftbg

Survey Point Elevation:

Installation Date: 5/22/2013

Drilling Contractor: Eastern Environmental Solutions, Inc.

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Dominick Mosca

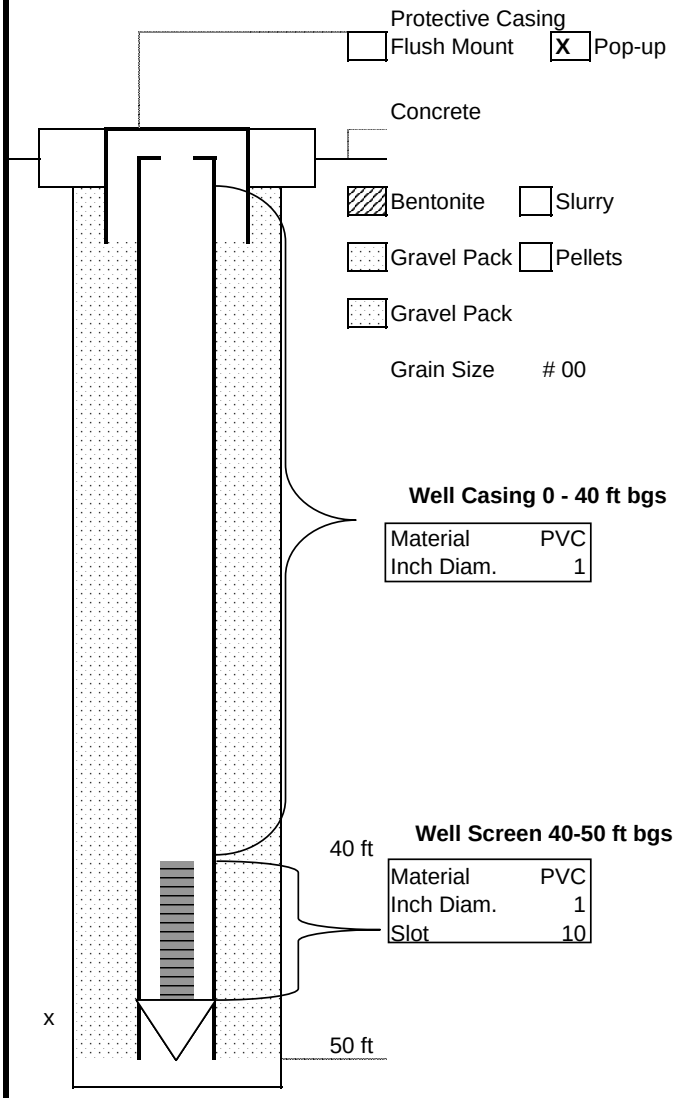
Company Name: EBC

GROUNDWATER MONITORING WELL

ENVIRONMENTAL BUSINESS CONSULTANTS

CONSTRUCTION LOG

MW-2



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-2

Project: 853 Lexington Avenue, Brooklyn, NY

Depth to Groundwater Date: 5/22/2013

Installation Depth: 50ftbg

Survey Point Elevation:

Installation Date: 5/22/2013

Drilling Contractor: Eastern Environmental Solutions, Inc.

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Dominick Mosca

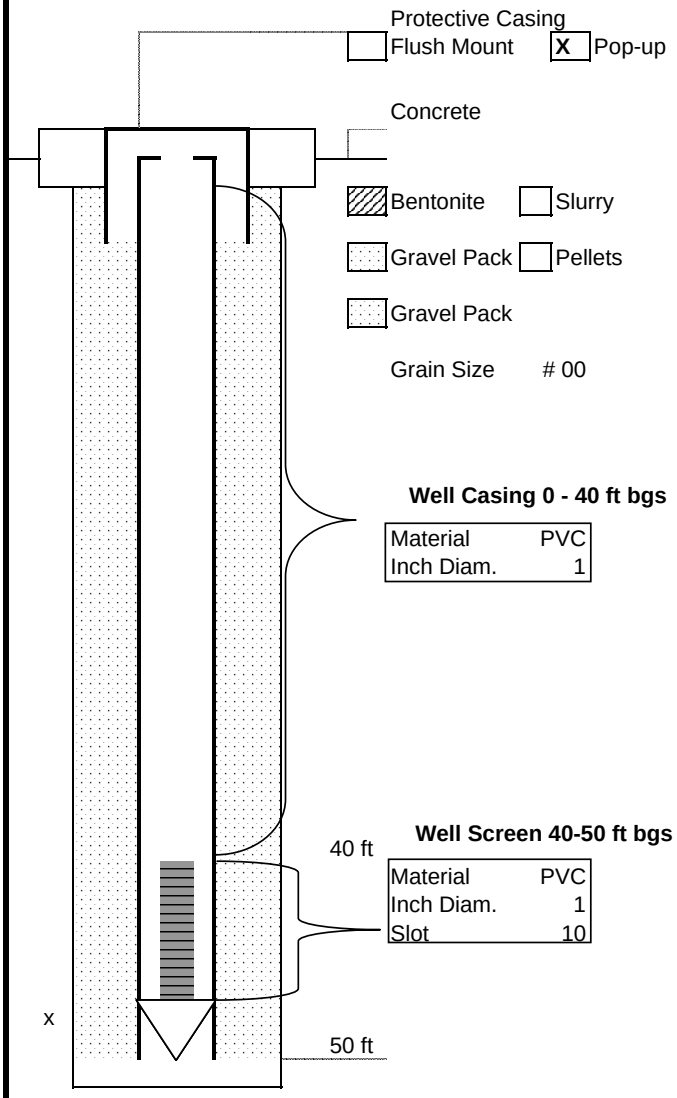
Company Name: EBC

GROUNDWATER MONITORING WELL

ENVIRONMENTAL BUSINESS CONSULTANTS

CONSTRUCTION LOG

MW-3



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-3

Project: 853 Lexington Avenue, Brooklyn, NY

Depth to Groundwater Date: 5/22/2013

Installation Depth: 50ftbg

Survey Point Elevation:

Installation Date: 5/22/2013

Drilling Contractor: Eastern Environmental Solutions, Inc.

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Dominick Mosca

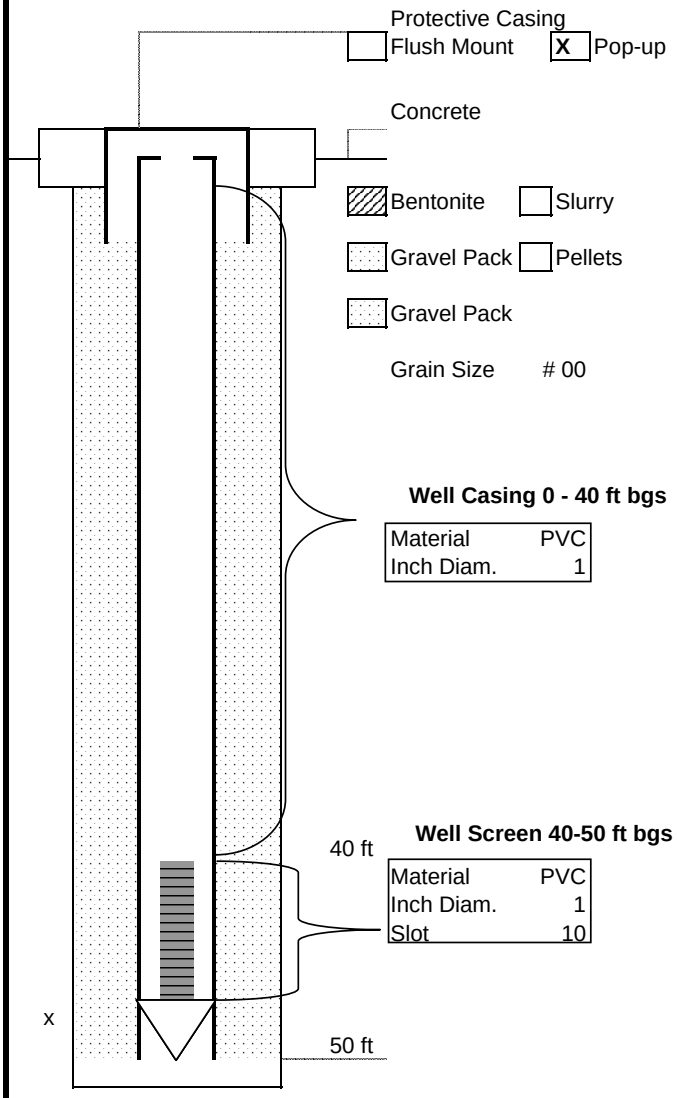
Company Name: EBC

GROUNDWATER MONITORING WELL

ENVIRONMENTAL BUSINESS CONSULTANTS

CONSTRUCTION LOG

MW-4



Note: Drawing is not to scale.
Depths are given in feet below land surface.

Monitoring Well No.: MW-4

Project: 853 Lexington Avenue, Brooklyn, NY

Depth to Groundwater: 41.26 Date: 1/8/2014

Installation Depth: 50ftbg

Survey Point Elevation: 53.18

Installation Date: 1/6/2014

Drilling Contractor: Eastern Environmental Solutions, Inc.

Installation Method: Hollow Geoprobe Rods

Water Removed During Development:

Hydrogeologist: Dominick Mosca

Company Name: EBC

APPENDIX - F

Well Purge Sheets

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Date: 1/8/2014

Well Depth (from TOC): 50

Equipment: Check Valve

Static Water Level (from TOC): 41.75

Field Personnel: Kevin Waters

Height of Water in Well: 8.25

Gallons of Water per Well Volume: 0.33

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	Comments
0.00	9:58	400ml/min	0	7.44	1543	59.2	clear
4.00	10:02	400ml/min	0.44	7.17	1531	54.6	clear
7.00	10:05	400ml/min	0.77	6.94	1528	56.2	clear
9.00	10:07	400ml/min	0.99	6.82	1537	57	clear
11.00	10:09	400ml/min	1.21	6.83	1522	56.6	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Date: 1/8/2014

Well Depth (from TOC): 50

Equipment: Check Valve

Static Water Level (from TOC): 41.85

Field Personnel: Kevin Waters

Height of Water in Well: 8.15

Gallons of Water per Well Volume: 0.326

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	Comments
0.00	10:30	400ml/min	0	6.8	545	54.6	clear
4.00	10:34	400ml/min	0.44	6.8	520	54.8	clear
7.00	10:37	400ml/min	0.77	6.4	529	54.6	clear
9.00	10:39	400ml/min	0.99	6.4	526	54.1	clear
11.00	10:41	400ml/min	1.21	6.5	524	54.3	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Date: 1/8/2014

Well Depth (from TOC): 50

Equipment: Check Valve

Static Water Level (from TOC): 41.51

Field Personnel: Kevin Waters

Height of Water in Well: 8.49

Gallons of Water per Well Volume: 0.3396

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	Comments
0.00	10:52	400ml/min	0	6.99	510	57.6	clear
4.00	10:56	400ml/min	0.44	6.92	510	56.8	clear
7.00	10:59	400ml/min	0.77	6.96	508	57.1	clear
9.00	11:01	400ml/min	0.99	6.94	504	57.3	clear
11.00	11:03	400ml/min	1.21	6.96	508	56.9	clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW4

Date: 1/8/2014

Well Depth (from TOC): 50

Equipment: Check Valve

Static Water Level (from TOC): 41.62

Field Personnel: Kevin Waters

Height of Water in Well: 8.38

Gallons of Water per Well Volume: 0.3352

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	Comments
0.00	11:17	400ml/min	0	6.84	340	55.4	clear
4.00	11:21	400ml/min	0.44	6.70	344	54.8	clear
7.00	11:24	400ml/min	0.77	6.76	343	54.2	clear
9.00	11:26	400ml/min	0.99	6.70	350	54.3	clear
11.00	11:28	400ml/min	1.21	6.74	350	54.3	clear

Note 400 ml = 0.11 gallons

APPENDIX - G

Soil Gas Sampling Log

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. #

Data Delivery:
- ☐ Fax #:
- ☒ Email: csosive etcinenv.com
- ☐ Phone #:

Report to: ETC

Customer: ETC

Address: 1808 middle Country Rd Ridge NY

Invoice to: ETC

Sampled by: kw

Project Name: 853 Lexington Ave Bklyn NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

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	
86776	S93	495	6.0			~~4088~~ 5666	40	1120	1300	5-31	-29	-6		X			X
86777	S92	468	↓			~~5646~~ 3409	↓	1125	1302	↓	-29	-6		X			X
86778	S91	365				5707		1130	1310		-30	-8		X			X
86779	S94	491				~~3409~~ 5707		1135	1258		-30	-7		X			X
	6L 2HR																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-4-13	1:00 P
[signature]	[signature]	6-4-13	16:08

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

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:

Quote Number:

Signature: Date:

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. #

Data Delivery:
☐ Fax #:
☒ Email: csosik@ebcincny.com
☐ Phone #:

Report to: EBC
Customer: EBC
Address: 1808 Middle Country Rd. Ridge, NY

Invoice to: EBC

Sampled by: S. Babyatsky

Project Name: 871 Grand St.
Criteria Requested: Deliverable: RCP ☐ MCP ☐
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	
41817	SG1	218	6.0	-30	-4	5652		1126	1320	2/28/13	-28	-6		X			X
41818	SG2	12871			-2	5674		1131	1335		-29	-4					
41819	SG3	13647			-0	5671		1139	1339		-29	-4					
41820	SG4	223			-1	5655		1141	1355		-28	-4					
41821	SG5	172			-0	5675		1142	1351		-30	-4					
41822	SG6	13639			-0	5353		1143	1353		-30	-3					
	G1 ~~SHIC~~ 2HR																

Relinquished by:	Accepted by:	Date:	Time:
		2.28.13	
		3/1/13	9:20
		3-1-13	1637

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Quote Number:

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

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: 2-28-13

APPENDIX - H

Laboratory Reports
(Digital File on CD)

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 13, 2013

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

Project ID: 853 LEXINGTON AVE BKLYN NY
Sample ID#s: BD86771 - BD86775

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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

SDG Comments

June 13, 2013

SDG I.D.: GBD86771

8270 Semivolatile Organics:
Full Scan Report:
Nitrobenzene, and Hexachlorobutadiene were evaluated from the SIM analysis in order to achieve the requested criteria.
Bis(2-chloroethyl)ether and the Nitroanilines were evaluated from the SIM analysis in order to achieve the requested 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.

Pesticide analysis:
The toxaphene requested reporting level can not be achieved by this method.

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.

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

June 13, 2013

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:		05/31/13	10:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86771

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	24.5	0.010	mg/L	06/10/13	LK	SW6010
Arsenic	0.006	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.289	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.001	0.001	mg/L	06/10/13	LK	SW6010
Calcium	66.4	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.002	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.056	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.105	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.096	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.081	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	66.7	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	0.004	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.057	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	6.9	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	29.8	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	2.49	0.011	mg/L	06/06/13	LK	SW6010
Sodium (Dissolved)	34.9	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.047	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Phoenix I.D.: BD86771

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.003	0.002	mg/L	06/04/13	EK	SW6010	
Iron	97.1	0.010	mg/L	06/10/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	12.4	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	39.1	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	4.97	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	33.8	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.137	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.044	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.099	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.131	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/04/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/04/13	TL	SW3510	
Semi-Volatile Extraction	Completed			06/04/13	i/K/X	SW3520	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1221	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1232	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1242	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1248	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1254	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1260	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1262	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1268	ND	0.050	ug/L	06/05/13	AW	8082	
QA/QC Surrogates							
% DCBP	80		%	06/05/13	AW	30 - 150 %	
% TCMX	68		%	06/05/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	06/05/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	06/05/13	MH	SW8081	
Alachlor	ND	0.075	ug/L	06/05/13	MH	SW8081	1
Aldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
b-BHC	ND	0.005	ug/L	06/05/13	MH	SW8081	
Chlordane	ND	0.050	ug/L	06/05/13	MH	SW8081	

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Phoenix I.D.: BD86771

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND	0.025	ug/L	06/05/13	MH	SW8081	
Dieldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
Endosulfan I	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan II	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan Sulfate	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin	ND	0.010	ug/L	06/05/13	MH	SW8081	
Endrin Aldehyde	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin ketone	ND	0.050	ug/L	06/05/13	MH	SW8081	
g-BHC (Lindane)	ND	0.025	ug/L	06/05/13	MH	SW8081	
Heptachlor	ND	0.010	ug/L	06/05/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	ug/L	06/05/13	MH	SW8081	
Methoxychlor	ND	0.10	ug/L	06/05/13	MH	SW8081	
Toxaphene	ND	0.25	ug/L	06/05/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	85		%	06/05/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	80		%	06/05/13	MH	30 - 150 %	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Phoenix I.D.: BD86771

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	3.3	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	50	5.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	61	5.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	88		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	100		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	104		%	06/05/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.3	ug/L	06/05/13	DD	SW8270
1,2-Dichlorobenzene	ND	4	ug/L	06/05/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.3	ug/L	06/05/13	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	06/05/13	DD	SW8270

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 1

Phoenix I.D.: BD86771

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5	ug/L	06/05/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dimethylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2-Chloronaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Chlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2-Methylnaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	1	ug/L	06/05/13	DD	SW8270	
2-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
2-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	06/05/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	5	ug/L	06/05/13	DD	SW8270	
3-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Chloroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
Acetophenone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Aniline	ND	5	ug/L	06/05/13	DD	SW8270	
Anthracene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Benzidine	ND	5	ug/L	06/05/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	06/05/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	1	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.3	ug/L	06/05/13	DD	SW8270	1
Carbazole	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dibenzofuran	ND	5	ug/L	06/05/13	DD	SW8270	
Diethyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dimethylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-butylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-octylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluoranthene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluorene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Hexachlorobutadiene	ND	0.5	ug/L	06/05/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5	ug/L	06/05/13	DD	SW8270	
Isophorone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Naphthalene	ND	5	ug/L	06/05/13	DD	SW8270	
Nitrobenzene	ND	0.4	ug/L	06/05/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
Phenol	ND	1	ug/L	06/05/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.3	ug/L	06/05/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	104		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	57		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	64		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	124		%	06/05/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.074	0.042	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.063	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.2	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Chrysene	0.074	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.011	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.063	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.5	ug/L	06/05/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.84	ug/L	06/05/13	DD	SW8270 (SIM)
Phenanthrene	0.13	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pyridine	ND	0.53	ug/L	06/05/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	104		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	57		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	64		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	124		%	06/05/13	DD	30 - 130 %

Project ID: 853 LEXINGTON AVE BKLYN NY

Phoenix I.D.: BD86771

Client ID: MW 1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

June 13, 2013

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:		05/31/13	11:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86772

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	42.1	0.050	mg/L	06/05/13	LK	SW6010
Arsenic	0.009	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.343	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.002	0.001	mg/L	06/10/13	LK	SW6010
Calcium	53.1	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.003	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.079	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.193	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.156	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	0.07	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.045	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	47.5	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	0.005	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.068	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	3.8	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	22.0	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	4.52	0.011	mg/L	06/06/13	LK	SW6010
Sodium (Dissolved)	39.7	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.014	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 2

Phoenix I.D.: BD86772

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.006	0.002	mg/L	06/04/13	EK	SW6010	
Iron	129	0.010	mg/L	06/10/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	11.8	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	36.6	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	6.61	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	34.9	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.137	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.046	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.120	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.482	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/04/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/04/13	TL	SW3510	
Semi-Volatile Extraction	Completed			06/04/13	I/K/X	SW3520	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1221	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1232	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1242	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1248	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1254	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1260	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1262	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1268	ND	0.050	ug/L	06/05/13	AW	8082	
QA/QC Surrogates							
% DCBP	75		%	06/05/13	AW	30 - 150 %	
% TCMX	71		%	06/05/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	06/05/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	06/05/13	MH	SW8081	
Alachlor	ND	0.075	ug/L	06/05/13	MH	SW8081	1
Aldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
b-BHC	ND	0.005	ug/L	06/05/13	MH	SW8081	
Chlordane	ND	0.050	ug/L	06/05/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND	0.025	ug/L	06/05/13	MH	SW8081	
Dieldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
Endosulfan I	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan II	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan Sulfate	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin	ND	0.010	ug/L	06/05/13	MH	SW8081	
Endrin Aldehyde	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin ketone	ND	0.050	ug/L	06/05/13	MH	SW8081	
g-BHC (Lindane)	ND	0.025	ug/L	06/05/13	MH	SW8081	
Heptachlor	ND	0.010	ug/L	06/05/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	ug/L	06/05/13	MH	SW8081	
Methoxychlor	ND	0.10	ug/L	06/05/13	MH	SW8081	
Toxaphene	ND	0.25	ug/L	06/05/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	79		%	06/05/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	83		%	06/05/13	MH	30 - 150 %	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	1.6	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	15	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	23	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	88		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	102		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	99		%	06/05/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.3	ug/L	06/05/13	DD	SW8270
1,2-Dichlorobenzene	ND	4	ug/L	06/05/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.3	ug/L	06/05/13	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	06/05/13	DD	SW8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5	ug/L	06/05/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dimethylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2-Chloronaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Chlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2-Methylnaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	1	ug/L	06/05/13	DD	SW8270	
2-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
2-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	06/05/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	5	ug/L	06/05/13	DD	SW8270	
3-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Chloroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
Acetophenone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Aniline	ND	5	ug/L	06/05/13	DD	SW8270	
Anthracene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Benzidine	ND	5	ug/L	06/05/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	06/05/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	1	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.3	ug/L	06/05/13	DD	SW8270	1
Carbazole	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dibenzofuran	ND	5	ug/L	06/05/13	DD	SW8270	
Diethyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dimethylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-butylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-octylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluoranthene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluorene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Hexachlorobutadiene	ND	0.5	ug/L	06/05/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5	ug/L	06/05/13	DD	SW8270	
Isophorone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Naphthalene	ND	5	ug/L	06/05/13	DD	SW8270	
Nitrobenzene	ND	0.4	ug/L	06/05/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
Phenol	ND	1	ug/L	06/05/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.3	ug/L	06/05/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	117		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	86		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	88		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	123		%	06/05/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.063	0.042	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.053	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.2	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	4.3	1.7	ug/L	06/05/13	DD	SW8270 (SIM)
Chrysene	0.053	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.011	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.063	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.5	ug/L	06/05/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.11	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.84	ug/L	06/05/13	DD	SW8270 (SIM)
Phenanthrene	0.063	0.053	ug/L	06/05/13	DD	SW8270 (SIM)
Pyridine	ND	0.53	ug/L	06/05/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	117		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	86		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	103		%	06/05/13	DD	30 - 130 %
% Phenol-d5	88		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	123		%	06/05/13	DD	30 - 130 %

Project ID: 853 LEXINGTON AVE BKLYN NY

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Client ID: MW 2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

June 13, 2013

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:		05/31/13	12:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86773

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	55.2	0.050	mg/L	06/05/13	LK	SW6010
Arsenic	0.022	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.481	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.003	0.001	mg/L	06/10/13	LK	SW6010
Calcium	44.8	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.005	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.103	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.242	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.215	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	0.14	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.034	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	32.2	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.158	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	3.3	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	21.6	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	1.22	0.001	mg/L	06/04/13	EK	SW6010
Sodium (Dissolved)	11.5	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.017	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

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Client ID: MW 3

Phoenix I.D.: BD86773

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.002	0.002	mg/L	06/04/13	EK	SW6010	
Iron	213	0.050	mg/L	06/05/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	14.1	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	48.2	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	8.02	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	13.6	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.253	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.093	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.196	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.387	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/05/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/05/13	TL	SW3510	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1221	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1232	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1242	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1248	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1254	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1260	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1262	ND	0.086	ug/L	06/06/13	AW	8082	
PCB-1268	ND	0.086	ug/L	06/06/13	AW	8082	
QA/QC Surrogates							
% DCBP	91		%	06/06/13	AW	30 - 150 %	
% TCMX	70		%	06/06/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.009	ug/L	06/06/13	MH	SW8081	
4,4' -DDE	ND	0.009	ug/L	06/06/13	MH	SW8081	
4,4' -DDT	ND	0.009	ug/L	06/06/13	MH	SW8081	
a-BHC	ND	0.009	ug/L	06/06/13	MH	SW8081	
Alachlor	ND	0.13	ug/L	06/06/13	MH	SW8081	1
Aldrin	ND	0.003	ug/L	06/06/13	MH	SW8081	
b-BHC	ND	0.009	ug/L	06/06/13	MH	SW8081	
Chlordane	ND	0.043	ug/L	06/06/13	MH	SW8081	
d-BHC	ND	0.040	ug/L	06/06/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Dieldrin	ND*	0.014	ug/L	06/06/13	MH	SW8081
Endosulfan I	ND	0.086	ug/L	06/06/13	MH	SW8081
Endosulfan II	ND	0.086	ug/L	06/06/13	MH	SW8081
Endosulfan Sulfate	ND	0.086	ug/L	06/06/13	MH	SW8081
Endrin	ND	0.009	ug/L	06/06/13	MH	SW8081
Endrin Aldehyde	ND	0.086	ug/L	06/06/13	MH	SW8081
Endrin ketone	ND	0.086	ug/L	06/06/13	MH	SW8081
g-BHC (Lindane)	ND	0.043	ug/L	06/06/13	MH	SW8081
Heptachlor	ND	0.009	ug/L	06/06/13	MH	SW8081
Heptachlor epoxide	ND	0.009	ug/L	06/06/13	MH	SW8081
Methoxychlor	ND	0.17	ug/L	06/06/13	MH	SW8081
Toxaphene	ND	0.43	ug/L	06/06/13	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	121		%	06/06/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	92		%	06/06/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: MW 3

Phoenix I.D.: BD86773

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	4.4	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	3.8	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	110	10	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	85	10	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	88		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	101		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	105		%	06/05/13	R/T	70 - 130 %	

Project ID: 853 LEXINGTON AVE BKLYN NY

Phoenix I.D.: BD86773

Client ID: MW 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

June 13, 2013

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:		05/31/13	0:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86774

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BD86774

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	91		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	101		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	99		%	06/05/13	R/T	70 - 130 %	

Project ID: 853 LEXINGTON AVE BKLYN NY

Phoenix I.D.: BD86774

Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

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:		05/31/13	0:00
Location Code:	EBC	Received by:	SW	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86771
Phoenix ID: BD86775

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	06/10/13	LK	SW6010
Aluminum	25.5	0.010	mg/L	06/10/13	LK	SW6010
Arsenic	0.007	0.004	mg/L	06/10/13	LK	SW6010
Barium	0.300	0.002	mg/L	06/10/13	LK	SW6010
Beryllium	0.001	0.001	mg/L	06/10/13	LK	SW6010
Calcium	69.2	0.010	mg/L	06/10/13	LK	SW6010
Cadmium	0.002	0.001	mg/L	06/10/13	LK	SW6010
Cobalt	0.062	0.002	mg/L	06/10/13	LK	SW6010
Chromium	0.111	0.001	mg/L	06/10/13	LK	SW6010
Copper	0.101	0.005	mg/L	06/10/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Aluminum (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	06/04/13	EK	SW6010
Barium (Dissolved)	0.078	0.002	mg/L	06/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Calcium (Dissolved)	67.2	0.01	mg/L	06/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Cobalt (Dissolved)	0.004	0.001	mg/L	06/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	06/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	06/04/13	EK	SW6010
Iron (Dissolved)	0.080	0.011	mg/L	06/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470
Potassium (Dissolved)	6.3	0.1	mg/L	06/04/13	EK	SW6010
Magnesium (Dissolved)	28.4	0.01	mg/L	06/04/13	EK	SW6010
Manganese (Dissolved)	2.03	0.001	mg/L	06/04/13	EK	SW6010
Sodium (Dissolved)	36.2	0.11	mg/L	06/04/13	EK	SW6010
Nickel (Dissolved)	0.041	0.001	mg/L	06/04/13	EK	SW6010
Lead (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010

Project ID: 853 LEXINGTON AVE BKLYN NY
Client ID: DUPLICATE

Phoenix I.D.: BD86775

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	06/04/13	EK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	06/04/13	EK	SW6010	
Thallium (Dissolved)	< 0.0005	0.0005	mg/L	06/06/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	06/04/13	EK	SW6010	
Zinc (Dissolved)	0.003	0.002	mg/L	06/04/13	EK	SW6010	
Iron	104	0.010	mg/L	06/10/13	LK	SW6010	B
Mercury	< 0.0002	0.0002	mg/L	06/05/13	RS	SW7470	
Potassium	12.3	0.1	mg/L	06/10/13	LK	SW6010	
Magnesium	40.8	0.01	mg/L	06/10/13	LK	SW6010	
Manganese	5.01	0.005	mg/L	06/05/13	LK	SW6010	
Sodium	34.0	0.1	mg/L	06/10/13	LK	SW6010	
Nickel	0.140	0.001	mg/L	06/10/13	LK	SW6010	
Lead	0.040	0.002	mg/L	06/10/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	06/10/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	06/10/13	LK	SW6010	
Thallium	< 0.0005	0.0005	mg/L	06/06/13	RS	SM3113B/SW70	
Vanadium	0.104	0.002	mg/L	06/10/13	LK	SW6010	
Zinc	0.135	0.002	mg/L	06/10/13	LK	SW6010	
Filtration	Completed			06/04/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			06/05/13	H/H	SW7470	
Mercury Digestion	Completed			06/05/13	H/H	SW7470	
PCB Extraction	Completed			06/04/13	TL	SW3510C	
Extraction for Pest (2 Liter)	Completed			06/04/13	TL	SW3510	
Semi-Volatile Extraction	Completed			06/04/13	I/K/X	SW3520	
Dissolved Metals Preparation	Completed			06/04/13	AG	SW846-3005	
Total Metals Digestion	Completed			06/04/13	AG	6010/200.7	

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1221	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1232	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1242	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1248	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1254	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1260	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1262	ND	0.050	ug/L	06/05/13	AW	8082	
PCB-1268	ND	0.050	ug/L	06/05/13	AW	8082	
QA/QC Surrogates							
% DCBP	90		%	06/05/13	AW	30 - 150 %	
% TCMX	72		%	06/05/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDE	ND	0.010	ug/L	06/05/13	MH	SW8081	
4,4' -DDT	ND	0.010	ug/L	06/05/13	MH	SW8081	
a-BHC	ND	0.010	ug/L	06/05/13	MH	SW8081	
Alachlor	ND	0.075	ug/L	06/05/13	MH	SW8081	1
Aldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
b-BHC	ND	0.005	ug/L	06/05/13	MH	SW8081	
Chlordane	ND	0.050	ug/L	06/05/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
d-BHC	ND	0.025	ug/L	06/05/13	MH	SW8081	
Dieldrin	ND	0.002	ug/L	06/05/13	MH	SW8081	
Endosulfan I	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan II	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endosulfan Sulfate	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin	ND	0.010	ug/L	06/05/13	MH	SW8081	
Endrin Aldehyde	ND	0.050	ug/L	06/05/13	MH	SW8081	
Endrin ketone	ND	0.050	ug/L	06/05/13	MH	SW8081	
g-BHC (Lindane)	ND	0.025	ug/L	06/05/13	MH	SW8081	
Heptachlor	ND	0.010	ug/L	06/05/13	MH	SW8081	
Heptachlor epoxide	ND	0.010	ug/L	06/05/13	MH	SW8081	
Methoxychlor	ND	0.10	ug/L	06/05/13	MH	SW8081	
Toxaphene	ND	0.25	ug/L	06/05/13	MH	SW8081	
QA/QC Surrogates							
%DCBP (Surrogate Rec)	87		%	06/05/13	MH	30 - 150 %	
%TCMX (Surrogate Rec)	80		%	06/05/13	MH	30 - 150 %	

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	06/05/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
2-Hexanone	ND	5	ug/L	06/05/13	R/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	06/05/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	06/05/13	R/T	SW8260	
Acetone	ND	25	ug/L	06/05/13	R/T	SW8260	
Acrylonitrile	ND	5	ug/L	06/05/13	R/T	SW8260	
Benzene	ND	0.7	ug/L	06/05/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Carbon Disulfide	ND	5	ug/L	06/05/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,2-Dichloroethene	3.3	1.0	ug/L	06/05/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	06/05/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	06/05/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Tetrachloroethene	47	5.0	ug/L	06/05/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	06/05/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Total Xylenes	ND	2.0	ug/L	06/05/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	06/05/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.4	ug/L	06/05/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	06/05/13	R/T	SW8260	
Trichloroethene	57	5.0	ug/L	06/05/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	06/05/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	06/05/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	06/05/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	06/05/13	R/T	70 - 130 %	
% Bromofluorobenzene	90		%	06/05/13	R/T	70 - 130 %	
% Dibromofluoromethane	101		%	06/05/13	R/T	70 - 130 %	
% Toluene-d8	100		%	06/05/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.3	ug/L	06/05/13	DD	SW8270
1,2-Dichlorobenzene	ND	4	ug/L	06/05/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.3	ug/L	06/05/13	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	06/05/13	DD	SW8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5	ug/L	06/05/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dichlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dimethylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5	ug/L	06/05/13	DD	SW8270	
2-Chloronaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Chlorophenol	ND	1	ug/L	06/05/13	DD	SW8270	
2-Methylnaphthalene	ND	5.3	ug/L	06/05/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	1	ug/L	06/05/13	DD	SW8270	
2-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
2-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	06/05/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	5	ug/L	06/05/13	DD	SW8270	
3-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	1	ug/L	06/05/13	DD	SW8270	
4-Chloroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.3	ug/L	06/05/13	DD	SW8270	
4-Nitroaniline	ND	5	ug/L	06/05/13	DD	SW8270	
4-Nitrophenol	ND	1	ug/L	06/05/13	DD	SW8270	
Acetophenone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Aniline	ND	5	ug/L	06/05/13	DD	SW8270	
Anthracene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Benzidine	ND	5	ug/L	06/05/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	06/05/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	1	ug/L	06/05/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.3	ug/L	06/05/13	DD	SW8270	1
Carbazole	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dibenzofuran	ND	5	ug/L	06/05/13	DD	SW8270	
Diethyl phthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Dimethylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-butylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Di-n-octylphthalate	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluoranthene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Fluorene	ND	5.3	ug/L	06/05/13	DD	SW8270	
Hexachlorobutadiene	ND	0.5	ug/L	06/05/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5	ug/L	06/05/13	DD	SW8270	
Isophorone	ND	5.3	ug/L	06/05/13	DD	SW8270	
Naphthalene	ND	5	ug/L	06/05/13	DD	SW8270	
Nitrobenzene	ND	0.4	ug/L	06/05/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.3	ug/L	06/05/13	DD	SW8270	
Phenol	ND	1	ug/L	06/05/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.3	ug/L	06/05/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	97		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	25		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	98		%	06/05/13	DD	30 - 130 %
% Phenol-d5	44		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	115		%	06/05/13	DD	30 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.9	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Acenaphthylene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Benz(a)anthracene	ND	0.047	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.5	ug/L	06/05/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.9	ug/L	06/05/13	DD	SW8270 (SIM)
Chrysene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.012	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.071	ug/L	06/05/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.8	ug/L	06/05/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.12	ug/L	06/05/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.94	ug/L	06/05/13	DD	SW8270 (SIM)
Phenanthrene	ND	0.059	ug/L	06/05/13	DD	SW8270 (SIM)
Pyridine	ND	0.59	ug/L	06/05/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	97		%	06/05/13	DD	15 - 130 %
% 2-Fluorobiphenyl	104		%	06/05/13	DD	30 - 130 %
% 2-Fluorophenol	25		%	06/05/13	DD	15 - 130 %
% Nitrobenzene-d5	98		%	06/05/13	DD	30 - 130 %
% Phenol-d5	44		%	06/05/13	DD	15 - 130 %
% Terphenyl-d14	115		%	06/05/13	DD	30 - 130 %

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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.

* Poor surrogate recovery was observed for semivolatiles. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

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

June 13, 2013

Reviewed and Released by: Phyllis Shiller, Laboratory Director

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 13, 2013

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 232689, QC Sample No: BD84135 (BD86771, BD86772, BD86773, BD86775)												
Thallium (Dissolved)	BRL	<0.001	<0.001	NC	115	120	4.3	118	120	1.7	75 - 125	20
QA/QC Batch 233396, QC Sample No: BD85850 (BD86771, BD86772, BD86773, BD86775)												
ICP Metals - Aqueous												
Aluminum	BRL	0.152	0.146	4.00	96.2	95.8	0.4	96.2	95.6	0.6	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	101	101	0.0	100	102	2.0	75 - 125	20
Arsenic	BRL	<0.004	<0.004	NC	96.5	96.6	0.1	97.9	99.5	1.6	75 - 125	20
Barium	BRL	0.022	0.022	0	102	101	1.0	100	101	1.0	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	98.9	99.1	0.2	99.9	100	0.1	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	98.2	98.5	0.3	97.5	99.3	1.8	75 - 125	20
Calcium	BRL	7.15	7.35	2.80	98.3	98.5	0.2	NC	NC	NC	75 - 125	20
Chromium	BRL	<0.001	<0.001	NC	96.7	97.1	0.4	96.2	97.6	1.4	75 - 125	20
Cobalt	BRL	<0.002	<0.002	NC	97.1	97.1	0.0	95.8	97.5	1.8	75 - 125	20
Copper	BRL	<0.005	<0.005	NC	101	102	1.0	102	102	0.0	75 - 125	20
Iron	0.012	0.064	0.060	6.50	104	103	1.0	99.1	101	1.9	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	95.8	96.2	0.4	94.9	96.4	1.6	75 - 125	20
Magnesium	BRL	0.75	0.76	1.30	100	100	0.0	97.4	99.1	1.7	75 - 125	20
Manganese	BRL	0.001	0.001	NC	100	99.7	0.3	98.4	100	1.6	75 - 125	20
Nickel	BRL	<0.001	<0.001	NC	103	103	0.0	101	103	2.0	75 - 125	20
Potassium	BRL	3.3	3.2	3.10	104	102	1.9	107	106	0.9	75 - 125	20
Selenium	BRL	<0.010	<0.010	NC	92.6	93.3	0.8	94.4	94.9	0.5	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	98.7	98.6	0.1	99.4	99.7	0.3	75 - 125	20
Sodium	BRL	87.6	88.3	0.80	107	106	0.9	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	97.8	98.4	0.6	98.6	99.3	0.7	75 - 125	20
Zinc	BRL	0.002	<0.002	NC	97.9	98.1	0.2	98.6	100	1.4	75 - 125	20
QA/QC Batch 233362, QC Sample No: BD85850 (BD86771, BD86772, BD86773, BD86775)												
Thallium - Water	BRL	<0.002	<0.002	NC	100	98.9	1.1	100	102	2.0	75 - 125	20
QA/QC Batch 233587, QC Sample No: BD86279 (BD86771, BD86772, BD86773, BD86775)												
ICP Metals - Dissolved												
Aluminum	BRL	0.04	0.03	NC	91.0	91.5	0.5	87.8	93.7	6.5	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	94.5	96.5	2.1	93.3	97.8	4.7	75 - 125	20
Arsenic	BRL	0.004	<0.004	NC	90.2	92.5	2.5	90.4	95.3	5.3	75 - 125	20
Barium	BRL	0.032	0.032	0	94.9	96.9	2.1	92.5	95.7	3.4	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	92.6	93.9	1.4	91.6	95.4	4.1	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	93.1	95.6	2.6	91.4	96.3	5.2	75 - 125	20
Calcium	BRL	26.6	25.9	2.70	93.7	95.2	1.6	NC	NC	NC	75 - 125	20
Chromium	BRL	<0.001	<0.001	NC	91.4	93.1	1.8	89.2	93.8	5.0	75 - 125	20
Cobalt	BRL	<0.001	<0.001	NC	94.1	93.2	1.0	91.7	93.3	1.7	75 - 125	20
Copper	BRL	<0.005	<0.005	NC	94.2	95.9	1.8	92.5	96.5	4.2	75 - 125	20
Iron	BRL	<0.011	<0.011	NC	96.7	97.8	1.1	94.8	98.8	4.1	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	90.9	92.6	1.9	88.5	93.0	5.0	75 - 125	20
Magnesium	BRL	4.29	4.19	2.40	95.7	97.6	2.0	79.2	83.6	5.4	75 - 125	20

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Manganese	BRL	<0.001	<0.001	NC	93.7	95.7	2.1	91.2	96.0	5.1	75 - 125	20
Nickel	BRL	<0.001	<0.001	NC	97.3	99.5	2.2	94.8	99.5	4.8	75 - 125	20
Potassium	BRL	1.3	1.3	0	94.3	96.3	2.1	97.7	96.8	0.9	75 - 125	20
Selenium	BRL	<0.011	<0.011	NC	86.4	89.1	3.1	87.2	91.0	4.3	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	92.8	94.4	1.7	83.0	85.5	3.0	75 - 125	20
Sodium	BRL	16.6	16.8	1.20	98.6	101	2.4	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	92.5	94.1	1.7	91.2	95.8	4.9	75 - 125	20
Zinc	BRL	0.017	0.017	0	92.6	94.8	2.3	92.2	96.8	4.9	75 - 125	20
QA/QC Batch 233613, QC Sample No: BD86398 (BD86771, BD86772, BD86773, BD86775)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	105	103	1.9	105	101	3.9	70 - 130	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

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

QA/QC Report

June 13, 2013

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 233342, QC Sample No: BD83237 (BD86771, BD86772, BD86773, BD86775)									
Pesticides - Ground Water									
4,4' -DDD	ND	73						40 - 140	20
4,4' -DDE	ND	68						40 - 140	20
4,4' -DDT	ND	68						40 - 140	20
a-BHC	ND	73						40 - 140	20
a-Chlordane	ND	64						40 - 140	20
Alachlor	ND	N/A						40 - 140	20
Aldrin	ND	41						40 - 140	20
b-BHC	ND	65						40 - 140	20
Chlordane	ND	N/A						40 - 140	20
d-BHC	ND	70						40 - 140	20
Dieldrin	ND	66						40 - 140	20
Endosulfan I	ND	61						40 - 140	20
Endosulfan II	ND	65						40 - 140	20
Endosulfan sulfate	ND	63						40 - 140	20
Endrin	ND	86						40 - 140	20
Endrin aldehyde	ND	63						40 - 140	20
Endrin ketone	ND	67						40 - 140	20
g-BHC	ND	67						40 - 140	20
g-Chlordane	ND	64						40 - 140	20
Heptachlor	ND	57						40 - 140	20
Heptachlor epoxide	ND	64						40 - 140	20
Methoxychlor	ND	72						40 - 140	20
Toxaphene	ND	N/A						40 - 140	20
% DCBP	81	88						30 - 150	20
% TCMX	71	73						30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 233394, QC Sample No: BD85854 (BD86771, BD86772, BD86775)									
Semivolatiles - Ground Water									
1,2,4,5-Tetrachlorobenzene	ND	79	82	3.7				30 - 130	20
1,2,4-Trichlorobenzene	ND	75	78	3.9				30 - 130	20
1,2-Dichlorobenzene	ND	68	71	4.3				30 - 130	20
1,2-Diphenylhydrazine	ND	59	61	3.3				30 - 130	20
1,3-Dichlorobenzene	ND	69	72	4.3				30 - 130	20
1,4-Dichlorobenzene	ND	68	71	4.3				30 - 130	20
2,4,5-Trichlorophenol	ND	92	92	0.0				30 - 130	20
2,4,6-Trichlorophenol	ND	85	89	4.6				30 - 130	20
2,4-Dichlorophenol	ND	84	87	3.5				30 - 130	20
2,4-Dimethylphenol	ND	45	47	4.3				30 - 130	20
2,4-Dinitrophenol	ND	130	140	7.4				30 - 130	20

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dinitrotoluene	ND	97	100	3.0				30 - 130	20	
2,6-Dinitrotoluene	ND	92	96	4.3				30 - 130	20	
2-Chloronaphthalene	ND	73	77	5.3				30 - 130	20	
2-Chlorophenol	ND	67	70	4.4				30 - 130	20	
2-Methylnaphthalene	ND	75	78	3.9				30 - 130	20	
2-Methylphenol (o-cresol)	ND	63	65	3.1				30 - 130	20	
2-Nitroaniline	ND	96	100	4.1				30 - 130	20	
2-Nitrophenol	ND	70	73	4.2				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	64	67	4.6				30 - 130	20	
3,3'-Dichlorobenzidine	ND	33	37	11.4				30 - 130	20	
3-Nitroaniline	ND	72	77	6.7				30 - 130	20	
4,6-Dinitro-2-methylphenol	ND	136	142	4.3				30 - 130	20	I
4-Bromophenyl phenyl ether	ND	82	85	3.6				30 - 130	20	
4-Chloro-3-methylphenol	ND	81	84	3.6				30 - 130	20	
4-Chloroaniline	ND	39	44	12.0				30 - 130	20	
4-Chlorophenyl phenyl ether	ND	74	77	4.0				30 - 130	20	
4-Nitroaniline	ND	75	79	5.2				30 - 130	20	
4-Nitrophenol	ND	84	87	3.5				30 - 130	20	
Acenaphthene	ND	75	79	5.2				30 - 130	20	
Acenaphthylene	ND	51	53	3.8				30 - 130	20	
Acetophenone	ND	68	71	4.3				30 - 130	20	
Aniline	ND	65	73	11.6				30 - 130	20	
Anthracene	ND	76	80	5.1				30 - 130	20	
Benz(a)anthracene	ND	81	84	3.6				30 - 130	20	
Benzidine	ND	<5	<5	NC				10 - 130	20	I
Benzo(a)pyrene	ND	79	82	3.7				30 - 130	20	
Benzo(b)fluoranthene	ND	99	99	0.0				30 - 130	20	
Benzo(ghi)perylene	ND	94	93	1.1				30 - 130	20	
Benzo(k)fluoranthene	ND	85	94	10.1				30 - 130	20	
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20	
Benzyl butyl phthalate	ND	81	81	0.0				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	39	42	7.4				30 - 130	20	
Bis(2-chloroethyl)ether	ND	65	67	3.0				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	59	61	3.3				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	69	71	2.9				30 - 130	20	
Carbazole	ND	81	85	4.8				30 - 130	20	
Chrysene	ND	91	95	4.3				30 - 130	20	
Dibenz(a,h)anthracene	ND	95	95	0.0				30 - 130	20	
Dibenzofuran	ND	78	81	3.8				30 - 130	20	
Diethyl phthalate	ND	80	83	3.7				30 - 130	20	
Dimethylphthalate	ND	80	83	3.7				30 - 130	20	
Di-n-butylphthalate	ND	81	84	3.6				30 - 130	20	
Di-n-octylphthalate	ND	98	103	5.0				30 - 130	20	
Fluoranthene	ND	84	87	3.5				30 - 130	20	
Fluorene	ND	73	76	4.0				30 - 130	20	
Hexachlorobenzene	ND	69	72	4.3				30 - 130	20	
Hexachlorobutadiene	ND	77	80	3.8				30 - 130	20	
Hexachlorocyclopentadiene	ND	76	78	2.6				30 - 130	20	
Hexachloroethane	ND	65	68	4.5				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	94	93	1.1				30 - 130	20	
Isophorone	ND	75	78	3.9				30 - 130	20	
Naphthalene	ND	78	81	3.8				30 - 130	20	
Nitrobenzene	ND	67	71	5.8				30 - 130	20	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
N-Nitrosodimethylamine	ND	59	61	3.3				30 - 130	20
N-Nitrosodi-n-propylamine	ND	59	62	5.0				30 - 130	20
N-Nitrosodiphenylamine	ND	79	81	2.5				30 - 130	20
Pentachloronitrobenzene	ND	83	88	5.8				30 - 130	20
Pentachlorophenol	ND	92	95	3.2				30 - 130	20
Phenanthrene	ND	80	83	3.7				30 - 130	20
Phenol	ND	57	59	3.4				30 - 130	20
Pyrene	ND	79	83	4.9				30 - 130	20
Pyridine	ND	32	34	6.1				30 - 130	20
% 2,4,6-Tribromophenol	67	62	66	6.3				15 - 130	20
% 2-Fluorobiphenyl	91	74	77	4.0				30 - 130	20
% 2-Fluorophenol	67	54	56	3.6				15 - 130	20
% Nitrobenzene-d5	74	65	69	6.0				30 - 130	20
% Phenol-d5	59	50	53	5.8				15 - 130	20
% Terphenyl-d14	120	84	87	3.5				30 - 130	20

Comment:

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 233556, QC Sample No: BD86284 (BD86771, BD86772, BD86773, BD86775)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	85	84	1.2				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	88	95	7.7				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	67	83	92	10.3				30 - 150	20
% TCMX (Surrogate Rec)	78	87	85	2.3				30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 233654, QC Sample No: BD86774 (BD86771, BD86772, BD86773, BD86774, BD86775)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	99	94	5.2	91	106	15.2	70 - 130	30
1,1,1-Trichloroethane	ND	97	88	9.7	84	98	15.4	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	92	91	1.1	92	101	9.3	70 - 130	30
1,1,2-Trichloroethane	ND	103	97	6.0	93	105	12.1	70 - 130	30
1,1-Dichloroethane	ND	99	91	8.4	89	102	13.6	70 - 130	30
1,1-Dichloroethene	ND	96	86	11.0	82	98	17.8	70 - 130	30
1,1-Dichloropropene	ND	90	80	11.8	80	98	20.2	70 - 130	30
1,2,3-Trichlorobenzene	ND	106	104	1.9	94	118	22.6	70 - 130	30
1,2,3-Trichloropropane	ND	96	92	4.3	94	106	12.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	103	98	5.0	94	113	18.4	70 - 130	30
1,2,4-Trimethylbenzene	ND	105	98	6.9	106	113	6.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	97	96	1.0	100	111	10.4	70 - 130	30
1,2-Dibromoethane	ND	99	94	5.2	95	106	10.9	70 - 130	30
1,2-Dichlorobenzene	ND	99	93	6.3	91	105	14.3	70 - 130	30
1,2-Dichloroethane	ND	98	93	5.2	92	104	12.2	70 - 130	30
1,2-Dichloropropane	ND	98	92	6.3	91	103	12.4	70 - 130	30
1,3,5-Trimethylbenzene	ND	103	95	8.1	94	110	15.7	70 - 130	30

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichlorobenzene	ND	102	95	7.1	91	107	16.2	70 - 130	30	
1,3-Dichloropropane	ND	101	96	5.1	94	107	12.9	70 - 130	30	
1,4-Dichlorobenzene	ND	100	94	6.2	90	104	14.4	70 - 130	30	
2,2-Dichloropropane	ND	92	85	7.9	74	85	13.8	70 - 130	30	
2-Chlorotoluene	ND	104	97	7.0	93	109	15.8	70 - 130	30	
2-Hexanone	ND	98	99	1.0	102	109	6.6	70 - 130	30	
2-Isopropyltoluene	ND	103	95	8.1	93	109	15.8	70 - 130	30	
4-Chlorotoluene	ND	102	95	7.1	92	107	15.1	70 - 130	30	
4-Methyl-2-pentanone	ND	98	95	3.1	99	108	8.7	70 - 130	30	
Acetone	ND	73	67	8.6	55	64	15.1	70 - 130	30	l,m
Acrylonitrile	ND	97	100	3.0	105	108	2.8	70 - 130	30	
Benzene	ND	96	87	9.8	87	101	14.9	70 - 130	30	
Bromobenzene	ND	101	94	7.2	93	107	14.0	70 - 130	30	
Bromochloromethane	ND	100	96	4.1	94	106	12.0	70 - 130	30	
Bromodichloromethane	ND	98	92	6.3	91	104	13.3	70 - 130	30	
Bromoform	ND	98	95	3.1	92	104	12.2	70 - 130	30	
Bromomethane	ND	117	103	12.7	107	132	20.9	70 - 130	30	m
Carbon Disulfide	ND	91	82	10.4	79	94	17.3	70 - 130	30	
Carbon tetrachloride	ND	93	87	6.7	80	97	19.2	70 - 130	30	
Chlorobenzene	ND	101	95	6.1	91	105	14.3	70 - 130	30	
Chloroethane	ND	99	91	8.4	89	104	15.5	70 - 130	30	
Chloroform	ND	97	89	8.6	87	100	13.9	70 - 130	30	
Chloromethane	ND	97	86	12.0	84	100	17.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	104	93	11.2	92	106	14.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	99	93	6.3	93	105	12.1	70 - 130	30	
Dibromochloromethane	ND	99	95	4.1	94	107	12.9	70 - 130	30	
Dibromomethane	ND	94	92	2.2	91	100	9.4	70 - 130	30	
Dichlorodifluoromethane	ND	101	87	14.9	80	99	21.2	70 - 130	30	
Ethylbenzene	ND	101	93	8.2	96	107	10.8	70 - 130	30	
Hexachlorobutadiene	ND	98	90	8.5	86	107	21.8	70 - 130	30	
Isopropylbenzene	ND	108	98	9.7	93	111	17.6	70 - 130	30	
m&p-Xylene	ND	102	95	7.1	94	108	13.9	70 - 130	30	
Methyl ethyl ketone	ND	78	77	1.3	79	90	13.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	96	97	1.0	109	122	11.3	70 - 130	30	
Methylene chloride	ND	94	89	5.5	85	97	13.2	70 - 130	30	
Naphthalene	ND	105	105	0.0	>150	135	NC	70 - 130	30	m
n-Butylbenzene	ND	104	96	8.0	88	106	18.6	70 - 130	30	
n-Propylbenzene	ND	107	96	10.8	92	109	16.9	70 - 130	30	
o-Xylene	ND	106	99	6.8	93	107	14.0	70 - 130	30	
p-Isopropyltoluene	ND	105	96	9.0	93	111	17.6	70 - 130	30	
sec-Butylbenzene	ND	102	94	8.2	90	108	18.2	70 - 130	30	
Styrene	ND	103	96	7.0	91	106	15.2	70 - 130	30	
tert-Butylbenzene	ND	107	97	9.8	95	111	15.5	70 - 130	30	
Tetrachloroethene	ND	100	92	8.3	89	107	18.4	70 - 130	30	
Tetrahydrofuran (THF)	ND	90	93	3.3	92	98	6.3	70 - 130	30	
Toluene	ND	100	92	8.3	90	103	13.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	101	91	10.4	87	102	15.9	70 - 130	30	
trans-1,3-Dichloropropene	ND	97	95	2.1	93	105	12.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	92	86	6.7	81	94	14.9	70 - 130	30	
Trichloroethene	ND	101	92	9.3	89	105	16.5	70 - 130	30	
Trichlorofluoromethane	ND	97	85	13.2	81	97	18.0	70 - 130	30	
Trichlorotrifluoroethane	ND	99	89	10.6	82	96	15.7	70 - 130	30	
Vinyl chloride	ND	107	95	11.9	83	101	19.6	70 - 130	30	

QA/QC Data

SDG I.D.: GBD86771

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 1,2-dichlorobenzene-d4	102	100	100	0.0	101	102	1.0	70 - 130	30
% Bromofluorobenzene	91	99	98	1.0	98	99	1.0	70 - 130	30
% Dibromofluoromethane	98	100	100	0.0	99	96	3.1	70 - 130	30
% Toluene-d8	99	100	100	0.0	99	98	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 233885, QC Sample No: BD87177 (BD86771 (5X) , BD86773 (10X) , BD86775 (5X))

Volatiles - Ground Water

Tetrachloroethene	ND	87	93	6.7	92	91	1.1	70 - 130	30
Trichloroethene	ND	88	95	7.7	93	91	2.2	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd 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
June 13, 2013

Sample Criteria Exceedences Report

GBD86771 - EBC

Requested Criteria: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD86771	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	61	5.0	5	5	ug/L
BD86771	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	61	5.0	5	5	ug/L
BD86771	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86771	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	50	5.0	5	5	ug/L
BD86771	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	50	5.0	5	5	ug/L
BD86771	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86771	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86771	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.063	0.04	0.04	ug/L
BD86771	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.074	0.042	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.074	0.042	0.002	0.002	ug/L
BD86771	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.074	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.074	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.063	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.063	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86771	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86771	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BD86771	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	24.5	0.010	0.1	0.1	mg/L
BD86771	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.105	0.001	0.05	0.05	mg/L
BD86771	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.49	0.011	0.3	0.3	mg/L
BD86771	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	34.9	0.11	20	20	mg/L
BD86771	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	97.1	0.010	0.3	0.3	mg/L
BD86771	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	39.1	0.01	35	35	mg/L
BD86771	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	4.97	0.005	0.3	0.3	mg/L
BD86771	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	33.8	0.1	20	20	mg/L
BD86771	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.137	0.001	0.1	0.1	mg/L
BD86771	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.044	0.002	0.025	0.025	mg/L
BD86772	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	23	1.0	5	5	ug/L
BD86772	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	23	1.0	5	5	ug/L
BD86772	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86772	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	15	1.0	5	5	ug/L
BD86772	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	ug/L
BD86772	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86772	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86772	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.063	0.04	0.04	ug/L
BD86772	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.063	0.042	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.063	0.042	0.002	0.002	ug/L
BD86772	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.053	0.053	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBD86771 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD86772	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.053	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.053	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.053	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.053	0.002	0.002	ug/L
BD86772	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.053	0.002	0.002	ug/L
BD86772	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BD86772	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	42.1	0.050	0.1	0.1	mg/L
BD86772	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.193	0.001	0.05	0.05	mg/L
BD86772	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	4.52	0.011	0.3	0.3	mg/L
BD86772	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	39.7	0.11	20	20	mg/L
BD86772	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	129	0.010	0.3	0.3	mg/L
BD86772	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	36.6	0.01	35	35	mg/L
BD86772	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	6.61	0.005	0.3	0.3	mg/L
BD86772	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	34.9	0.1	20	20	mg/L
BD86772	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.137	0.001	0.1	0.1	mg/L
BD86772	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.046	0.002	0.025	0.025	mg/L
BD86773	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	85	10	5	5	ug/L
BD86773	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	85	10	5	5	ug/L
BD86773	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86773	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	110	10	5	5	ug/L
BD86773	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	110	10	5	5	ug/L
BD86773	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86773	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86773	$PEST_GAWR	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.014	0.01	0.01	ug/L
BD86773	$PEST_GAWR	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND*	0.014	0.004	0.004	ug/L
BD86773	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.43	0.06	0.06	ug/L
BD86773	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	55.2	0.050	0.1	0.1	mg/L
BD86773	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.242	0.001	0.05	0.05	mg/L
BD86773	CU-WM	Copper	NY / TOGS - Water Quality / GA Criteria	0.215	0.005	0.2	0.2	mg/L
BD86773	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.14	0.01	0.1	0.1	mg/L
BD86773	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.22	0.001	0.3	0.3	mg/L
BD86773	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	213	0.050	0.3	0.3	mg/L
BD86773	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	48.2	0.01	35	35	mg/L
BD86773	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	8.02	0.005	0.3	0.3	mg/L
BD86773	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.253	0.001	0.1	0.1	mg/L
BD86773	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.093	0.002	0.025	0.025	mg/L
BD86774	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L

Sample Criteria Exceedences Report

GBD86771 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD86774	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86774	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86775	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	57	5.0	5	5	ug/L
BD86775	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	57	5.0	5	5	ug/L
BD86775	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD86775	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	47	5.0	5	5	ug/L
BD86775	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	47	5.0	5	5	ug/L
BD86775	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86775	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD86775	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.071	0.04	0.04	ug/L
BD86775	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.047	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.047	0.002	0.002	ug/L
BD86775	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.059	0.002	0.002	ug/L
BD86775	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.059	0.002	0.002	ug/L
BD86775	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BD86775	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	25.5	0.010	0.1	0.1	mg/L
BD86775	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.111	0.001	0.05	0.05	mg/L
BD86775	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.03	0.001	0.3	0.3	mg/L
BD86775	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	36.2	0.11	20	20	mg/L
BD86775	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	104	0.010	0.3	0.3	mg/L
BD86775	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	40.8	0.01	35	35	mg/L
BD86775	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	5.01	0.005	0.3	0.3	mg/L
BD86775	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	34.0	0.1	20	20	mg/L
BD86775	NI-WM	Nickel	NY / TOGS - Water Quality / GA Criteria	0.140	0.001	0.1	0.1	mg/L
BD86775	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.040	0.002	0.025	0.025	mg/L

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.

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

June 13, 2013

SDG I.D.: GBD86771

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

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 on ice Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: csosikee@eblcny.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge NY

Project: 853 Lexington Ave Bklyn NY
Report to: EBC
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5.31

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	TM metals Filt/unFilt	Pest/PCBs	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
86771	MW 1	gw	5.31	1000	x	x	x	x					3	3	1		1	
86772	MW 2 *	gw	↓	1100	x	x	x	x					3	1	1		1	
86773	MW 3 ①	gw	↓	1200	x	x	x	x					3	3	1		1	
86774	triplblank		↓		x													
86775	duplicate	gw	↓		x	x	x	x										

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-4-13	1:10 P
[signature]	[signature]	6-4-13	1608

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES.

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:

* Rcvd(3) 1 Ltr Amber
① Rcvd(1) 1 ltr amber ½ Full
emailed client 6/4/13 (JV)

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 7° Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: csosikeebcinny.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge NY

Project: 853 Lexington Ave Bklyn NY
Report to: EBC
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5.31

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	Metals Fil/UnFilt	Pest/PCBs																					
86771	MW 1	gw	5.31	1000	x	x	x	x												3	3	1		1					
86772	MW 2 *	gw	↓	1100	x	x	x	x												3	1	1		1					
86773	MW 3 ①	gw	↓	1200	x	x	x	x												3	3	1		1					
86774	trip blank		↓		x																								
86775	duplicate	gw	↓		x	x	x	x																					

Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [x] As is [ ] H2SO4
PL As is [x] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-4-13	1:10 P
[signature]	[signature]	6-4-13	1608

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES.

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

Comments, Special Requirements or Regulations:

* Rcvd (3) 1 Ltr Amber
① Rcvd (1) 1 ltr amber 1/2 Full
emailed client 6/4/13 (LW)

Added PCB's & Pests. 6-5-13 (SW)

State where samples were collected: NY

GBD 86771

Shannon - Phoenixlabs

From: Kevin Brussee [kbrussee@ebcincny.com]
Sent: Wednesday, June 05, 2013 08:24 AM
To: 'Shannon - Phoenixlabs'
Cc: 'Charles Sosik'
Subject: RE: 853 LEXINGTON AVE

Please run pesticides and/or PCBs. I'll try and collect additional volume today to run SVOCs.

Kevin Brussee
Project Manager
EBC
Environmental Business Consultants
Ph: 631.504.6000 ext. 114
Fax: 631.924.2870
Cell: 631.338.1749
Kbrussee@ebcincny.com

From: Shannon - Phoenixlabs [mailto:shannon@phoenixlabs.com]
Sent: Tuesday, June 04, 2013 5:14 PM
To: 'Kevin Brussee'
Cc: 'Charles Sosik'
Subject: 853 LEXINGTON AVE

We received samples today for the above referenced project but your sample MW-3 had very limited sample volume. The amber bottle was a little more than half full and you are requesting 8270, Pests & Pcb's. We usually require a full liter for each of these tests. Please let me know how you would like to proceed. Thank you.

Shannon Wilhelm
Phoenix Environmental Labs

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 13, 2013

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

Project ID: 853 LEXINGTON AVE., BROOKLYN
Sample ID#s: BD86776 - BD86779

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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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

June 13, 2013

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:	KB	05/31/13	11:20
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86776

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.41	*0.204*	2.01	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Acetone	1.89	*0.421*	4.49	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	0.38	*0.313*	1.21	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	0.17	*0.149*	1.14	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG3

Phoenix I.D.: BD86776

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	3.44	*0.321*	10.7	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	0.23	*0.205*	1.12	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	0.33	*0.291*	1.14	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.54	*0.202*	2.67	*1.00*	06/04/13	KCA	TO15	
Ethanol	23.4	*0.531*	44.1	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	2.21	*0.278*	7.96	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	0.27	*0.230*	1.17	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	0.81	*0.230*	3.52	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	0.4	*0.230*	1.74	*1.00*	06/04/13	KCA	TO15	
Propylene	4.23	*0.581*	7.28	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	1540	*0.037*	10400	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	1
Toluene	1.25	*0.266*	4.71	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	26.4	*0.047*	142	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.26	*0.178*	1.46	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	110	*%*	110	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD86776

Client ID: SG3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

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:	KB	05/31/13	11:25
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86777

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.59	*0.204*	2.90	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.44	*0.244*	1.80	*1.00*	06/04/13	KCA	TO15	
Acetone	2.35	*0.421*	5.58	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	0.48	*0.313*	1.53	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG2

Phoenix I.D.: BD86777

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	0.33	*0.321*	1.03	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.39	*0.040*	2.45	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	0.91	*0.205*	4.44	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	57.8	*0.252*	229	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	ND	*0.291*	ND	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.59	*0.202*	2.92	*1.00*	06/04/13	KCA	TO15	
Ethanol	21	*0.531*	39.5	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	1.76	*0.278*	6.34	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	1.8	*0.230*	7.81	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	5.22	*0.230*	22.6	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	0.35	*0.339*	1.03	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	1.32	*0.288*	4.58	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	2.43	*0.230*	10.5	*1.00*	06/04/13	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	1370	*0.037*	9290	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	0.41	*0.339*	1.21	*1.00*	06/04/13	KCA	TO15	1
Toluene	1.57	*0.266*	5.91	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	0.3	*0.252*	1.19	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	613	*0.047*	3290	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.23	*0.178*	1.29	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	107	*%*	107	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD86777

Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

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:	KB	05/31/13	11:30
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86778

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.32	*0.204*	1.57	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Acetone	2.57	*0.421*	6.10	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG1

Phoenix I.D.: BD86778

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	4.24	*0.321*	13.2	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	ND	*0.291*	ND	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.5	*0.202*	2.47	*1.00*	06/04/13	KCA	TO15	
Ethanol	19.5	*0.531*	36.7	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	1.83	*0.278*	6.59	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	0.47	*0.230*	2.04	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	0.4	*0.339*	1.18	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	0.62	*0.288*	2.15	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	ND	*0.230*	ND	*1.00*	06/04/13	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	6.24	*0.037*	42.3	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	1
Toluene	0.85	*0.266*	3.20	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	2.56	*0.047*	13.7	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.22	*0.178*	1.24	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	99	*%*	99	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG1

Phoenix I.D.: BD86778

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

June 13, 2013

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:	KB	05/31/13	11:15
Location Code:	EBC	Received by:	LB	06/04/13	16:08
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD86776
Phoenix ID: BD86779

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/04/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/04/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.41	*0.204*	2.01	*1.00*	06/04/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	06/04/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/04/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/04/13	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/04/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Acetone	2.79	*0.421*	6.62	*1.00*	06/04/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/04/13	KCA	TO15	
Benzene	0.5	*0.313*	1.60	*1.00*	06/04/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/04/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG4

Phoenix I.D.: BD86779

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	06/04/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	06/04/13	KCA	TO15	
Carbon Tetrachloride	0.19	*0.040*	1.19	*0.25*	06/04/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	06/04/13	KCA	TO15	
Chloroform	0.78	*0.205*	3.81	*1.00*	06/04/13	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	06/04/13	KCA	TO15	
Cis-1,2-Dichloroethene	0.82	*0.252*	3.25	*1.00*	06/04/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	1
Cyclohexane	0.44	*0.291*	1.51	*1.00*	06/04/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	06/04/13	KCA	TO15	
Dichlorodifluoromethane	0.57	*0.202*	2.82	*1.00*	06/04/13	KCA	TO15	
Ethanol	13.4	*0.531*	25.2	*1.00*	06/04/13	KCA	TO15	1
Ethyl acetate	1.83	*0.278*	6.59	*1.00*	06/04/13	KCA	TO15	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	06/04/13	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	06/04/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/04/13	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	06/04/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/04/13	KCA	TO15	
m,p-Xylene	0.67	*0.230*	2.91	*1.00*	06/04/13	KCA	TO15	
Methyl Ethyl Ketone	0.84	*0.339*	2.48	*1.00*	06/04/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/04/13	KCA	TO15	
Methylene Chloride	0.41	*0.288*	1.42	*1.00*	06/04/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
o-Xylene	0.32	*0.230*	1.39	*1.00*	06/04/13	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	06/04/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	06/04/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	06/04/13	KCA	TO15	
Tetrachloroethene	1030	*0.037*	6980	*0.25*	06/04/13	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/04/13	KCA	TO15	1
Toluene	1.28	*0.266*	4.82	*1.00*	06/04/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/04/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	06/04/13	KCA	TO15	
Trichloroethene	206	*0.047*	1110	*0.25*	06/04/13	KCA	TO15	
Trichlorofluoromethane	0.23	*0.178*	1.29	*1.00*	06/04/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	06/04/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	06/04/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	102	*%*	102	*%*	06/04/13	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD86779

Client ID: SG4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

June 13, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Thursday, June 13, 2013

Requested Criteria: None

State: NY

Sample Criteria Exceedences Report

GBD86776 - 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.

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. #

Data Delivery:
- ☐ Fax #:
- ☒ Email: csosive etcinenv.com
- ☐ Phone #:

Report to: ETC

Customer: ETC

Address: 1808 middle Country Rd Ridge NY

Invoice to: ETC

Sampled by: kw

Project Name: 853 Lexington Ave Bklyn NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

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	
86776	S93	495	6.0			~~4088~~ 5666	40	1120	1300	5-31	-29	-6		X			X
86777	S92	468	↓			~~5646~~ 3409	↓	1125	1302	↓	-29	-6		X			X
86778	S91	365				5707		1130	1310		-30	-8		X			X
86779	S94	491				~~3409~~ 5707		1135	1258		-30	-7		X			X
	6L 2HR																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6-4-13	1:00 P
[signature]	[signature]	6-4-13	16:08

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

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:

Quote Number:

Signature: Date:

PHOENIX
Environmental Laboratories, Inc.

Friday, May 31, 2013

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

Project ID: 853 LEXINGTON AVE., BROOKLYN
Sample ID#s: BD82910 - BD82922

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82910

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	12900	N	34	6.8	mg/Kg	05/28/13	LK	SW6010
Arsenic	3.5		0.7	0.68	mg/Kg	05/28/13	LK	SW6010
Barium	90.9		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.76		0.27	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	4160	N	3.4	3.1	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.55	*	0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	9.01		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	31.5		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	24.9		0.34	0.27	mg/kg	05/29/13	LK	SW6010
Iron	29200	N	34	34	mg/Kg	05/28/13	LK	SW6010
Mercury	1.47	*	0.07	0.04	mg/Kg	05/24/13	RS	SW-7471
Potassium	2440	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	4330		3.4	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	366	N	3.4	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	255		7	2.9	mg/Kg	05/28/13	LK	SW6010
Nickel	20.5		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	59.0		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	40.9		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	75.3		0.7	0.34	mg/Kg	05/28/13	LK	SW6010
Percent Solid	87				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	76			%	05/24/13	AW	30 - 150 %
% TCMX	70			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	4.4	2.7	2.7	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endrin	ND*	9.0	9.0	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND	36	36	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	93			%	05/27/13	MH	30 - 150 %
% TCMX	76			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.4	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.4	0.91	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.4	0.63	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.4	0.86	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.4	0.91	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.4	0.76	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		6.4	0.93	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.4	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.4	0.57	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.4	0.91	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.4	0.85	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.4	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.4	0.68	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.4	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		32	2.9	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.4	0.89	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.4	0.75	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		32	1.5	ug/Kg	05/25/13	R/J	SW8260	
Acetone	130	S	64	6.4	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		13	3.6	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.4	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.4	0.84	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.4	0.94	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.4	0.80	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.4	0.90	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.4	5.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.4	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.4	0.95	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.4	1.5	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.4	3.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.4	0.70	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.4	0.72	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.4	0.81	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		6.4	2.5	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		39	5.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.8	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.4	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		6.4	1.7	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	6.4	2.5	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND	6.4	0.93	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND	6.4	1.2	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND	6.4	1.9	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND	6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND	6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	13	5.8	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND	6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	6.4	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND	6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND	6.4	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	6.4	1.0	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND	6.4	2.1	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	91			%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	96			%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	100			%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND	270	95	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	270	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND	1900	390	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND	270	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND	1900	830	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND	770	180	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	1000		270	120	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	770	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	1900		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	4300		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		770	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	3500		270	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	4000		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	2700		270	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	1300		270	130	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	770	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		270	99	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		270	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	730	J	1900	290	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	4900		270	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	560		270	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	350		270	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		270	100	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		270	99	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	8100		270	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	710		270	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		270	140	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	2000		270	130	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	160	J	270	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		270	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		270	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		270	150	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		270	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		270	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	9200		270	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		270	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	8900		270	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		270	94	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	79				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	94				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	75				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	75				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B1 0-2

Phoenix I.D.: BD82910

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Phenol-d5	76			%	05/24/13	DD	24 - 113 %	
% Terphenyl-d14	142			%	05/24/13	DD	18 - 137 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82911

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	4690	N	35	7.0	mg/Kg	05/28/13	LK	SW6010
Arsenic	1.5		0.7	0.70	mg/Kg	05/28/13	LK	SW6010
Barium	35.6		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.24	B	0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	3410	N	3.5	3.2	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.19	B*	0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.87		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	9.42		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	7.96		0.35	0.28	mg/kg	05/29/13	LK	SW6010
Iron	9790	N	35	35	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.09	*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	502	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	1540		3.5	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	239	N	3.5	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	68		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	7.98		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	20.6		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	11.5		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	28.0		0.7	0.35	mg/Kg	05/28/13	LK	SW6010
Percent Solid	94				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 4-6

Phoenix I.D.: BD82911

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	84			%	05/24/13	AW	30 - 150 %
% TCMX	78			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.5	2.5	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	21	21	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	6.9	6.9	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	33	33	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	88			%	05/24/13	MH	30 - 150 %
% TCMX	80			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.1	0.40	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	4.1	0.81	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
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Phoenix I.D.: BD82911

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		4.1	0.89	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		4.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		4.1	0.55	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		4.1	0.45	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		4.1	0.36	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		4.1	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		4.1	0.43	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		4.1	0.69	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		20	1.8	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		4.1	0.57	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		20	0.97	ug/Kg	05/25/13	R/J	SW8260	
Acetone	77	S	41	4.1	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		8.2	2.3	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		4.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		4.1	0.53	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		4.1	0.60	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		4.1	0.51	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		4.1	0.57	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		4.1	3.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		4.1	0.96	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		4.1	2.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		4.1	0.89	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		4.1	0.44	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		4.1	0.46	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		4.1	0.52	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		4.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		25	3.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		8.2	1.1	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		4.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		4.1	0.74	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND	4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND	4.1	0.77	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND	4.1	1.2	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND	4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND	4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	8.2	3.7	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND	4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	4.1	0.84	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	8.2	7.6	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND	4.1	0.87	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND	4.1	0.91	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	4.1	0.64	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND	4.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	100			%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	85			%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	102			%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	99	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	190	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND	250	87	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND	1800	360	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND	250	220	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	700	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND	1800	770	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND	700	160	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B1 4-6

Phoenix I.D.: BD82911

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	160	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	710	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	150	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	320		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		700	210	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	260		250	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	300		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	190	J	250	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	700	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		250	91	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	97	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	95	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	98	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	340		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		250	94	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		250	91	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	840		250	110	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	140	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	740		250	100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	1000		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		250	87	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	61				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	92				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	68				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	73				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B1 4-6

Phoenix I.D.: BD82911

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	74			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	127			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82912

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	13800	N	35	6.9	mg/Kg	05/28/13	LK	SW6010
Arsenic	4.8		0.7	0.69	mg/Kg	05/28/13	LK	SW6010
Barium	34.8		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.48		0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	1740	N	3.5	3.2	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.78	*	0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	6.46		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	23.2		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	11.2		0.35	0.28	mg/kg	05/29/13	LK	SW6010
Iron	20500	N	35	35	mg/Kg	05/28/13	LK	SW6010
Mercury	0.12	*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	831	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	2120		3.5	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	147	N	3.5	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	83		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	11.8		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	27.2		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	30.9		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	152		6.9	3.5	mg/Kg	05/28/13	LK	SW6010
Percent Solid	86				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	78			%	05/24/13	AW	30 - 150 %
% TCMX	76			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.8	2.8	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.8	2.8	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.8	2.8	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	23	23	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	7.7	7.7	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	37	37	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	92			%	05/24/13	MH	30 - 150 %
% TCMX	83			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.8	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.8	1.4	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.8	0.97	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.8	0.67	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.8	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.8	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.8	0.91	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.8	0.97	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.8	0.80	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		6.8	0.98	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.8	0.75	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.8	0.60	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.8	0.97	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.8	0.90	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.8	1.0	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.8	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		34	3.1	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.8	0.94	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.8	0.79	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		34	1.6	ug/Kg	05/25/13	R/J	SW8260	
Acetone	ND		68	6.8	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		14	3.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.8	0.88	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.8	0.99	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.8	0.84	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.8	0.95	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.8	5.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.8	0.79	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.8	1.0	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.8	1.6	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.8	3.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.8	1.5	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.8	0.73	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.8	0.76	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.8	0.86	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	4.4	J	6.8	2.7	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		41	5.9	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		14	1.9	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		6.8	1.8	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.8	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		6.8	2.6	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		6.8	0.98	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		6.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		6.8	2.0	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	14		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		14	6.1	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		14	13	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	6.5	J	6.8	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		6.8	1.5	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		6.8	1.1	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		6.8	2.2	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	95				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	93				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	210	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	94	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		760	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	820	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	410	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		760	180	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	130	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	760	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	140	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		760	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	160	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	760	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	98	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1900	290	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	140	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	98	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	380		260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	400		260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	350		260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	93	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	84				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	89				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	77				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	73				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B2 0-2

Phoenix I.D.: BD82912

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	77			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	115			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82913

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37		0.37	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	5190	N	37	7.4	mg/Kg	05/28/13	LK	SW6010
Arsenic	0.8		0.7	0.74	mg/Kg	05/28/13	LK	SW6010
Barium	14.7		0.7	0.15	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.28	B	0.30	0.15	mg/Kg	05/28/13	LK	SW6010
Calcium	3330	N	3.7	3.4	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.23	B*	0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Cobalt	4.60		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Chromium	10.8		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Copper	9.16		0.37	0.30	mg/kg	05/29/13	LK	SW6010
Iron	10600	N	37	37	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.08	*	0.08	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	621	N	7	2.9	mg/Kg	05/28/13	LK	SW6010
Magnesium	1950		3.7	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	296	N	3.7	1.5	mg/Kg	05/28/13	EK	SW6010
Sodium	99		7	3.2	mg/Kg	05/28/13	LK	SW6010
Nickel	10.8		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Lead	6.1		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.9		1.9	0.95	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Vanadium	13.2		0.4	0.15	mg/Kg	05/28/13	LK	SW6010
Zinc	30.1		0.7	0.37	mg/Kg	05/28/13	LK	SW6010
Percent Solid	90				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B2 4-6

Phoenix I.D.: BD82913

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	68			%	05/24/13	AW	30 - 150 %
% TCMX	71			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	83			%	05/24/13	MH	30 - 150 %
% TCMX	75			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.7	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.7	1.3	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.7	0.95	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.7	0.65	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.7	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
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Phoenix I.D.: BD82913

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.7	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.7	0.89	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.7	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.7	0.79	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		6.7	0.96	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.7	0.73	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.7	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.7	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.7	0.88	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.7	0.99	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.7	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		33	3.0	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.7	0.92	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.7	0.77	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		33	1.6	ug/Kg	05/25/13	R/J	SW8260	
Acetone	17	JS	67	6.6	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		13	3.7	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.7	0.87	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.7	0.97	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.7	0.83	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.7	0.93	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.7	5.1	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.7	0.77	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.7	0.99	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.7	1.6	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.7	3.5	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.7	1.5	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.7	0.72	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.7	0.75	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.7	0.84	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		6.7	2.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		40	5.8	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.8	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	5.5	J	6.7	1.8	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.7	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		6.7	2.5	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		6.7	0.96	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		6.7	1.9	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	6.2	J	6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		13	6.0	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		6.7	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		6.7	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	5.6	J	6.7	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		6.7	1.5	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		6.7	1.0	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		6.7	2.2	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	96				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	92				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		740	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1800	800	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		740	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	05/24/13	DD	SW 8270	

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Phoenix I.D.: BD82913

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		740	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	740	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	95	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1800	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	98	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	95	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	170	J	260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	190	J	260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	150	J	260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	91	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	89				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	78				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	74				%	05/24/13	DD	23 - 120 %	

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Phoenix I.D.: BD82913

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	77			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	112			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82914

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	9150	N	36	7.3	mg/Kg	05/28/13	LK	SW6010
Arsenic	3.5		0.7	0.73	mg/Kg	05/28/13	LK	SW6010
Barium	63.3		0.7	0.15	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.48		0.29	0.15	mg/Kg	05/28/13	LK	SW6010
Calcium	5720	N	3.6	3.4	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.26	B*	0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.59		0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Chromium	14.1		0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Copper	11.2		0.36	0.29	mg/kg	05/29/13	LK	SW6010
Iron	12000	N	36	36	mg/Kg	05/28/13	LK	SW6010
Mercury	0.09	B*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	634	N	7	2.8	mg/Kg	05/28/13	LK	SW6010
Magnesium	1570		3.6	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	276	N	3.6	1.5	mg/Kg	05/28/13	EK	SW6010
Sodium	71		7	3.1	mg/Kg	05/28/13	LK	SW6010
Nickel	9.62		0.36	0.15	mg/Kg	05/28/13	LK	SW6010
Lead	66.2		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.8		1.8	0.9	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Vanadium	18.2		0.4	0.15	mg/Kg	05/28/13	LK	SW6010
Zinc	44.2		0.7	0.36	mg/Kg	05/28/13	LK	SW6010
Percent Solid	89				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
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Phoenix I.D.: BD82914

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	78			%	05/24/13	AW	30 - 150 %
% TCMX	70			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/29/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	05/29/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/29/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/29/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	05/29/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/29/13	MH	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	05/29/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	05/29/13	MH	SW8081
QA/QC Surrogates							
% DCBP	85			%	05/29/13	MH	30 - 150 %
% TCMX	72			%	05/29/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.5	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.5	1.3	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.5	0.92	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.5	0.63	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 0-2

Phoenix I.D.: BD82914

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		6.5	0.87	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		6.5	0.92	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		6.5	0.76	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	1.4	J	6.5	0.93	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		6.5	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		6.5	0.57	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		6.5	0.92	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		6.5	0.85	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		6.5	0.96	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		6.5	0.68	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		6.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		32	2.9	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		6.5	0.89	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		6.5	0.75	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		32	1.5	ug/Kg	05/25/13	R/J	SW8260	
Acetone	25	JS	65	6.4	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		13	3.6	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		6.5	0.84	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		6.5	0.94	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		6.5	0.80	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		6.5	0.90	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		6.5	5.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		6.5	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		6.5	0.96	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		6.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		6.5	3.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		6.5	0.70	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		6.5	0.72	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		6.5	0.81	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		6.5	2.5	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		39	5.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		13	1.8	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		6.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	70		6.5	1.7	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		6.5	2.5	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		6.5	0.93	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		6.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		6.5	1.9	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	930	D	300	1.4	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		13	5.8	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	2.2	J	6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		6.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	23		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		6.5	1.4	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		6.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		6.5	2.1	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	94				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	95				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	100				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	570		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		750	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		750	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	120	ug/Kg	05/24/13	DD	SW 8270	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	710		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	1500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	2000		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		750	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	1500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	1900		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	1000		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	680		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	3100		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	1000	J	1900	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	2200		260	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	330		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	570		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	99	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	4500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	830		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	870		260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	870		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	6800		260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	3700		260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	82				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	97				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	80				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	75				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B3 0-2

Phoenix I.D.: BD82914

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Phenol-d5	78			%	05/24/13	DD	24 - 113 %	
% Terphenyl-d14	154			%	05/24/13	DD	18 - 137 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82915

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37		0.37	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	5120	N	37	7.4	mg/Kg	05/28/13	LK	SW6010
Arsenic	3.3		0.7	0.74	mg/Kg	05/28/13	LK	SW6010
Barium	24.1		0.7	0.15	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.28	B	0.30	0.15	mg/Kg	05/28/13	LK	SW6010
Calcium	2220	N	3.7	3.4	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.23	B*	0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.23		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Chromium	11.4		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Copper	10.3		0.37	0.30	mg/kg	05/29/13	LK	SW6010
Iron	11600	N	37	37	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.08	*	0.08	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	521	N	7	2.9	mg/Kg	05/28/13	LK	SW6010
Magnesium	1590		3.7	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	211	N	3.7	1.5	mg/Kg	05/28/13	EK	SW6010
Sodium	47		7	3.2	mg/Kg	05/28/13	LK	SW6010
Nickel	10.6		0.37	0.15	mg/Kg	05/28/13	LK	SW6010
Lead	28.2		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.9		1.9	0.95	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.5		1.5	1.5	mg/Kg	05/28/13	LK	SW6010
Vanadium	14.1		0.4	0.15	mg/Kg	05/28/13	LK	SW6010
Zinc	25.6		0.7	0.37	mg/Kg	05/28/13	LK	SW6010
Percent Solid	92				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	72			%	05/24/13	AW	30 - 150 %
% TCMX	74			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	3.6	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND	21	21	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	97			%	05/27/13	MH	30 - 150 %
% TCMX	81			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.5	0.90	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.5	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.5	0.78	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.5	0.54	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		5.5	0.74	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		5.5	0.78	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		5.5	0.65	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	1.7	J	5.5	0.79	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		5.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		5.5	0.60	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		5.5	0.48	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		5.5	0.78	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	0.79	J	5.5	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		5.5	0.81	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		5.5	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		5.5	0.87	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		5.5	0.92	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		5.5	0.88	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		27	2.5	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	1.3	J	5.5	0.76	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		5.5	0.64	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		27	1.3	ug/Kg	05/25/13	R/J	SW8260	
Acetone	76	S	55	5.5	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		11	3.1	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.5	0.71	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.5	0.80	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.5	0.68	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.5	0.77	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.5	4.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.5	0.89	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.5	0.64	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.5	0.81	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.5	1.3	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.5	2.9	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.5	0.59	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.5	0.61	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.5	0.69	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.5	1.5	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.5	2.2	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		33	4.8	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.5	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		5.5	0.90	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	450	D	270	1.5	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.5	0.99	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.5	2.1	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.5	0.79	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.5	1.0	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.5	1.6	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.5	0.88	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	43		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		11	4.9	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	3.2	J	5.5	0.87	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.5	1.1	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		11	10	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	5.8		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.5	1.2	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.5	0.86	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.5	1.8	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	97				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	97				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	102				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		250	89	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	410		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1800	780	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	160	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	540		250	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	720	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	1100		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	1600		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		720	210	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	1200		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	1600		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	850		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	510		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	720	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		250	92	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	6200		250	100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	910	J	1800	270	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	1800		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	220	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	440		250	100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		250	95	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		250	92	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	3600		250	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	580		250	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	690		250	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	630		250	100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	5400		250	100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	3000		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		250	88	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	80				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	91				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	77				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	71				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B3 4-6

Phoenix I.D.: BD82915

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% Phenol-d5	75			%	05/24/13	DD	24 - 113 %	
% Terphenyl-d14	142			%	05/24/13	DD	18 - 137 %	3

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* One of the surrogate recoveries was above the upper range due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82916

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.40		0.40	0.24	mg/Kg	05/28/13	LK	SW6010
Aluminum	6980	N	40	8.0	mg/Kg	05/28/13	LK	SW6010
Arsenic	2.7		0.8	0.80	mg/Kg	05/28/13	LK	SW6010
Barium	1140		0.8	0.16	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.39		0.32	0.16	mg/Kg	05/28/13	LK	SW6010
Calcium	9990	N	4.0	3.7	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.20	B*	0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Cobalt	2.50		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Chromium	11.2		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Copper	15.5		0.40	0.32	mg/kg	05/29/13	LK	SW6010
Iron	9100	N	4.0	4.0	mg/Kg	05/28/13	LK	SW6010
Mercury	0.06	B*	0.07	0.04	mg/Kg	05/24/13	RS	SW-7471
Potassium	744	N	8	3.1	mg/Kg	05/28/13	LK	SW6010
Magnesium	2490		4.0	0.24	mg/Kg	05/28/13	LK	SW6010
Manganese	192	N	4.0	1.6	mg/Kg	05/28/13	EK	SW6010
Sodium	277		8	3.4	mg/Kg	05/28/13	LK	SW6010
Nickel	7.39		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Lead	64.4		0.8	0.24	mg/Kg	05/28/13	LK	SW6010
Antimony	< 2.0		2.0	1.0	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Vanadium	16.2		0.4	0.16	mg/Kg	05/28/13	LK	SW6010
Zinc	48.4		0.8	0.40	mg/Kg	05/28/13	LK	SW6010
Percent Solid	87				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	51			%	05/24/13	AW	30 - 150 %
% TCMX	65			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND*	2200	2200	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endrin	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND*	370	370	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND*	180	180	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND*	740	740	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND*	3600	3600	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	Diluted Out			%	05/27/13	MH	30 - 150 %
% TCMX	Diluted Out			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	290	48	ug/Kg	05/27/13	R/J	SW8260
1,1,1-Trichloroethane	ND	290	58	ug/Kg	05/27/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	290	41	ug/Kg	05/27/13	R/J	SW8260
1,1,2-Trichloroethane	ND	290	29	ug/Kg	05/27/13	R/J	SW8260
1,1-Dichloroethane	ND	290	58	ug/Kg	05/27/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	290	64	ug/Kg	05/27/13	R/J	SW8260	
1,1-Dichloropropene	ND	290	57	ug/Kg	05/27/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	290	39	ug/Kg	05/27/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	290	41	ug/Kg	05/27/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	290	34	ug/Kg	05/27/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	290	42	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dibromoethane	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	290	32	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dichloroethane	ND	290	26	ug/Kg	05/27/13	R/J	SW8260	
1,2-Dichloropropane	ND	290	41	ug/Kg	05/27/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	290	39	ug/Kg	05/27/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	290	43	ug/Kg	05/27/13	R/J	SW8260	
1,3-Dichloropropane	ND	290	31	ug/Kg	05/27/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	290	46	ug/Kg	05/27/13	R/J	SW8260	
2,2-Dichloropropane	ND	290	49	ug/Kg	05/27/13	R/J	SW8260	
2-Chlorotoluene	ND	290	47	ug/Kg	05/27/13	R/J	SW8260	
2-Hexanone	ND	1500	130	ug/Kg	05/27/13	R/J	SW8260	
2-Isopropyltoluene	ND	290	40	ug/Kg	05/27/13	R/J	SW8260	1
4-Chlorotoluene	ND	290	34	ug/Kg	05/27/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	1500	69	ug/Kg	05/27/13	R/J	SW8260	
Acetone	ND	2900	290	ug/Kg	05/27/13	R/J	SW8260	
Acrylonitrile	ND	580	160	ug/Kg	05/27/13	R/J	SW8260	
Benzene	ND	290	58	ug/Kg	05/27/13	R/J	SW8260	
Bromobenzene	ND	290	38	ug/Kg	05/27/13	R/J	SW8260	
Bromochloromethane	ND	290	43	ug/Kg	05/27/13	R/J	SW8260	
Bromodichloromethane	ND	290	36	ug/Kg	05/27/13	R/J	SW8260	
Bromoform	ND	290	41	ug/Kg	05/27/13	R/J	SW8260	
Bromomethane	ND	290	220	ug/Kg	05/27/13	R/J	SW8260	
Carbon Disulfide	ND	290	47	ug/Kg	05/27/13	R/J	SW8260	
Carbon tetrachloride	ND	290	34	ug/Kg	05/27/13	R/J	SW8260	
Chlorobenzene	ND	290	43	ug/Kg	05/27/13	R/J	SW8260	
Chloroethane	ND	290	68	ug/Kg	05/27/13	R/J	SW8260	
Chloroform	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	
Chloromethane	ND	290	150	ug/Kg	05/27/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	290	64	ug/Kg	05/27/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	290	32	ug/Kg	05/27/13	R/J	SW8260	1
Dibromochloromethane	ND	290	33	ug/Kg	05/27/13	R/J	SW8260	
Dibromomethane	ND	290	37	ug/Kg	05/27/13	R/J	SW8260	
Dichlorodifluoromethane	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
Ethylbenzene	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	
Hexachlorobutadiene	ND	290	61	ug/Kg	05/27/13	R/J	SW8260	
Isopropylbenzene	ND	290	56	ug/Kg	05/27/13	R/J	SW8260	
m&p-Xylene	ND	290	110	ug/Kg	05/27/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	1800	250	ug/Kg	05/27/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	580	81	ug/Kg	05/27/13	R/J	SW8260	
Methylene chloride	ND	290	48	ug/Kg	05/27/13	R/J	SW8260	
Naphthalene	ND	290	78	ug/Kg	05/27/13	R/J	SW8260	
n-Butylbenzene	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	
n-Propylbenzene	ND	290	53	ug/Kg	05/27/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		290	110	ug/Kg	05/27/13	R/J	SW8260	
p-Isopropyltoluene	ND		290	42	ug/Kg	05/27/13	R/J	SW8260	
sec-Butylbenzene	ND		290	55	ug/Kg	05/27/13	R/J	SW8260	
Styrene	ND		290	84	ug/Kg	05/27/13	R/J	SW8260	
tert-Butylbenzene	ND		290	47	ug/Kg	05/27/13	R/J	SW8260	
Tetrachloroethene	12000	D	1500	61	ug/Kg	05/27/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		580	260	ug/Kg	05/27/13	R/J	SW8260	1
Toluene	ND		290	46	ug/Kg	05/27/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		290	58	ug/Kg	05/27/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		290	60	ug/Kg	05/27/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		580	540	ug/Kg	05/27/13	R/J	SW8260	
Trichloroethene	68	J	290	62	ug/Kg	05/27/13	R/J	SW8260	
Trichlorofluoromethane	ND		290	65	ug/Kg	05/27/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		290	46	ug/Kg	05/27/13	R/J	SW8260	
Vinyl chloride	ND		290	95	ug/Kg	05/27/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	05/27/13	R/J	70 - 121 %	
% Bromofluorobenzene	91				%	05/27/13	R/J	59 - 113 %	
% Dibromofluoromethane	97				%	05/27/13	R/J	70 - 130 %	
% Toluene-d8	99				%	05/27/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		2700	2100	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		2700	950	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		19000	2700	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		2700	1500	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		2700	1200	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		2700	1800	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		19000	3900	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		2700	2400	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		2700	1500	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		7700	1800	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		19000	8300	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		19000	4100	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		2700	1100	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		7700	1800	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		2700	1300	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		19000	1300	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	19000	1700	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND	19000	7700	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND	7700	2200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND	19000	7700	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	2700	990	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	2700	1000	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND	19000	2900	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND	2700	1000	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND	2700	990	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND	2700	1400	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	2700	1500	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND	2700	1400	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND	2700	1400	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	ND	2700	1100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND	2700	1200	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	ND	2700	1300	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND	2700	940	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	*Diluted Out			%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	*Diluted Out			%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	*Diluted Out			%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	*Diluted Out			%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 0-2

Phoenix I.D.: BD82916

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	*Diluted Out			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	*Diluted Out			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* 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 semivolatile analysis.

* For Pesticides, due to matrix interference caused by the presence of PCB's in the samples an elevated MDL was reported.

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.
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Phyllis Shiller, Laboratory Director
May 31, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82917

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.22	mg/Kg	05/28/13	LK	SW6010
Aluminum	8790	N	36	7.2	mg/Kg	05/28/13	LK	SW6010
Arsenic	1.8		0.7	0.72	mg/Kg	05/28/13	LK	SW6010
Barium	39.1		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.48		0.29	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	683	N	3.6	3.3	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.31	B*	0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	5.99		0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	19.5		0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	11.9		0.36	0.29	mg/kg	05/29/13	LK	SW6010
Iron	17300	N	36	36	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.09	*	0.09	0.06	mg/Kg	05/24/13	RS	SW-7471
Potassium	1260	N	7	2.8	mg/Kg	05/28/13	LK	SW6010
Magnesium	2850		3.6	0.22	mg/Kg	05/28/13	LK	SW6010
Manganese	235	N	3.6	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	64		7	3.1	mg/Kg	05/28/13	LK	SW6010
Nickel	14.0		0.36	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	5.2		0.7	0.22	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.8		1.8	0.9	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	25.7		0.4	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	28.8		0.7	0.36	mg/Kg	05/28/13	LK	SW6010
Percent Solid	87				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	71			%	05/24/13	AW	30 - 150 %
% TCMX	56			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND*	270	270	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND*	2300	2300	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endrin	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND*	380	380	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND*	190	190	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND*	760	760	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND*	3600	3600	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	Diluted Out			%	05/27/13	MH	30 - 150 %
% TCMX	Diluted Out			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	0.80	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.9	0.98	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.9	0.69	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.9	0.48	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	4.9	0.97	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		4.9	0.95	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		4.9	0.65	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		4.9	0.69	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		4.9	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		4.9	0.70	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		4.9	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		4.9	0.43	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		4.9	0.69	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		4.9	0.64	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		4.9	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		4.9	0.52	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		4.9	0.77	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		4.9	0.82	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		4.9	0.78	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		24	2.2	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		4.9	0.67	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		4.9	0.57	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		24	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	43	JS	49	4.9	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		9.8	2.7	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		4.9	0.97	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		4.9	0.64	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		4.9	0.71	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		4.9	0.61	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		4.9	0.68	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		4.9	3.8	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		4.9	0.79	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		4.9	0.57	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		4.9	0.72	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		4.9	0.89	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		4.9	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		4.9	0.53	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		4.9	0.55	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		4.9	0.62	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		4.9	0.89	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		4.9	1.0	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		4.9	0.94	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		4.9	1.9	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		29	4.2	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		9.8	1.3	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		4.9	0.80	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	2.4	J	4.9	1.3	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		4.9	0.89	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		4.9	0.88	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		4.9	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		4.9	0.70	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		4.9	0.92	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		4.9	1.4	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		4.9	0.78	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	9100	D	1400	1.0	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		9.8	4.4	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		4.9	0.77	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		4.9	0.98	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		4.9	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		9.8	9.1	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		4.9	1.0	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		4.9	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		4.9	0.76	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		4.9	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	96				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	99				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		740	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		740	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND	1900	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND	740	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND	1900	740	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	96	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND	1900	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	99	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	96	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	ND	260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND	260	91	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	97			%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	84			%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	83			%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	76			%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B4 4-6

Phoenix I.D.: BD82917

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	84			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	62			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82918

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	6150	N	34	6.9	mg/Kg	05/28/13	LK	SW6010
Arsenic	5.4		0.7	0.69	mg/Kg	05/28/13	LK	SW6010
Barium	38.7		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.28		0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	19100	N	34	32	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.44	*	0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.13		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	15.1		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	14.5		0.34	0.28	mg/kg	05/29/13	LK	SW6010
Iron	14100	N	34	34	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.09	*	0.09	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	837	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	2490		3.4	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	160	N	3.4	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	261		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	8.62		0.34	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	56.1		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.7		1.7	0.85	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	18.5		0.3	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	69.7		0.7	0.34	mg/Kg	05/28/13	LK	SW6010
Percent Solid	92				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 0-2

Phoenix I.D.: BD82918

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	67			%	05/24/13	AW	30 - 150 %
% TCMX	80			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/27/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/27/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/27/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/27/13	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	05/27/13	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	05/27/13	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	05/27/13	MH	30 - 150 %
% TCMX	75			%	05/27/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 0-2

Phoenix I.D.: BD82918

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		5.0	0.97	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		5.0	0.67	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		5.0	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		5.0	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND		5.0	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		5.0	0.55	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		5.0	0.44	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		5.0	0.71	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND		5.0	0.66	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		5.0	0.74	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		5.0	0.53	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.79	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		5.0	0.84	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		5.0	0.80	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		25	2.3	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		5.0	0.69	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		5.0	0.58	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	29	JS	50	5.0	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.0	0.99	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.0	0.65	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.0	0.73	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.0	0.62	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.0	0.70	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.0	3.9	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.0	0.81	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.0	0.58	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.0	0.74	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.0	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.0	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.0	0.56	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.0	0.63	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.0	0.96	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.0	2.0	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		30	4.3	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		5.0	0.82	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.0	0.90	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.0	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.0	0.72	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.0	0.94	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.0	1.4	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.0	0.80	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	1.6	J	5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		10	4.5	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		5.0	0.79	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.3	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.0	0.78	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.0	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	96				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	94				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	98				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		250	89	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1800	790	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1800	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 0-2

Phoenix I.D.: BD82918

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1800	160	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1800	730	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	230	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		720	210	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	220	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	310		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	170	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1800	720	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		250	93	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	270		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		250	96	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		250	93	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	490		250	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	140	J	250	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		250	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	280		250	100	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	430		250	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		250	89	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	35				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	92				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	56				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	72				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B5 0-2

Phoenix I.D.: BD82918

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	73			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	93			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82919

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 4-6

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.21	mg/Kg	05/28/13	LK	SW6010
Aluminum	3490	N	35	7.0	mg/Kg	05/28/13	LK	SW6010
Arsenic	< 0.7		0.7	0.70	mg/Kg	05/28/13	LK	SW6010
Barium	8.9		0.7	0.14	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.17	B	0.28	0.14	mg/Kg	05/28/13	LK	SW6010
Calcium	279	N	3.5	3.2	mg/Kg	05/28/13	LK	SW6010
Cadmium	< 0.35	*	0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Cobalt	2.50		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Chromium	7.36		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Copper	5.21		0.35	0.28	mg/kg	05/29/13	LK	SW6010
Iron	6990	N	3.5	3.5	mg/Kg	05/28/13	LK	SW6010
Mercury	< 0.08	*	0.08	0.05	mg/Kg	05/24/13	RS	SW-7471
Potassium	378	N	7	2.7	mg/Kg	05/28/13	LK	SW6010
Magnesium	1100		3.5	0.21	mg/Kg	05/28/13	LK	SW6010
Manganese	201	N	3.5	1.4	mg/Kg	05/28/13	EK	SW6010
Sodium	35		7	3.0	mg/Kg	05/28/13	LK	SW6010
Nickel	6.90		0.35	0.14	mg/Kg	05/28/13	LK	SW6010
Lead	1.7		0.7	0.21	mg/Kg	05/28/13	LK	SW6010
Antimony	< 1.8		1.8	0.9	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	05/28/13	LK	SW6010
Vanadium	8.2		0.4	0.14	mg/Kg	05/28/13	LK	SW6010
Zinc	10.9		0.7	0.35	mg/Kg	05/28/13	LK	SW6010
Percent Solid	96				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 4-6

Phoenix I.D.: BD82919

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	34	34	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	57			%	05/24/13	AW	30 - 150 %
% TCMX	76			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.4	2.4	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	ND	2.4	2.4	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.4	2.4	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	20	20	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.4	3.4	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.7	1.7	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	6.8	6.8	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	32	32	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	05/24/13	MH	30 - 150 %
% TCMX	79			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.1	0.40	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	4.1	0.81	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: B5 4-6

Phoenix I.D.: BD82919

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	4.1	0.90	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND	4.1	0.80	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.1	0.55	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.1	0.49	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	4.1	0.45	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND	4.1	0.36	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.1	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND	4.1	0.44	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND	4.1	0.69	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND	4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND	21	1.9	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND	4.1	0.57	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND	4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	21	0.98	ug/Kg	05/25/13	R/J	SW8260	
Acetone	ND	41	4.1	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND	8.2	2.3	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND	4.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND	4.1	0.53	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND	4.1	0.60	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND	4.1	0.51	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND	4.1	0.58	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND	4.1	3.2	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND	4.1	0.48	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND	4.1	0.61	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND	4.1	0.96	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND	4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND	4.1	2.2	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	4.1	0.90	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	4.1	0.44	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND	4.1	0.46	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND	4.1	0.52	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND	4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND	4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND	4.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND	4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	25	3.6	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	8.2	1.1	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND	4.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND	4.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND	4.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND	4.1	0.74	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	4.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND	4.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND	4.1	0.77	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND	4.1	1.2	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND	4.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND	4.1	0.86	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	8.2	3.7	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND	4.1	0.65	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	4.1	0.82	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	4.1	0.84	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	8.2	7.6	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND	4.1	0.87	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND	4.1	0.91	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	4.1	0.64	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND	4.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	98			%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	96			%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	101			%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND	240	85	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND	1700	240	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND	240	97	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND	240	97	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND	1700	350	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND	240	220	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	680	160	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND	1700	740	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1700	370	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND	680	160	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND	1700	110	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
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Phoenix I.D.: BD82919

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1700	150	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND	1700	690	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND	680	200	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND	1700	680	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	240	88	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	240	94	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	240	92	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	240	95	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	240	98	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	ND	1700	260	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND	240	91	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND	240	88	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND	240	100	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	ND	240	98	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	240	96	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND	240	130	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	ND	240	98	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND	240	110	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	ND	240	120	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND	240	84	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	75			%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	67			%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	62			%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: B5 4-6

Phoenix I.D.: BD82919

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	66			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	80			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82920

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.40		0.40	0.24	mg/Kg	05/28/13	LK	SW6010
Aluminum	9530	N	40	7.9	mg/Kg	05/28/13	LK	SW6010
Arsenic	4.2		0.8	0.79	mg/Kg	05/28/13	LK	SW6010
Barium	57.3		0.8	0.16	mg/Kg	05/28/13	LK	SW6010
Beryllium	0.45		0.32	0.16	mg/Kg	05/28/13	LK	SW6010
Calcium	7450	N	4.0	3.6	mg/Kg	05/28/13	LK	SW6010
Cadmium	0.31	B*	0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Cobalt	3.98		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Chromium	18.4		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Copper	10.9		0.40	0.32	mg/kg	05/29/13	LK	SW6010
Iron	14300	N	40	40	mg/Kg	05/28/13	LK	SW6010
Mercury	0.10	*	0.07	0.04	mg/Kg	05/24/13	RS	SW-7471
Potassium	567	N	8	3.1	mg/Kg	05/28/13	LK	SW6010
Magnesium	1760		4.0	0.24	mg/Kg	05/28/13	LK	SW6010
Manganese	263	N	4.0	1.6	mg/Kg	05/28/13	EK	SW6010
Sodium	70		8	3.4	mg/Kg	05/28/13	LK	SW6010
Nickel	10.5		0.40	0.16	mg/Kg	05/28/13	LK	SW6010
Lead	64.7		0.8	0.24	mg/Kg	05/28/13	LK	SW6010
Antimony	< 2.0		2.0	1.0	mg/Kg	05/28/13	LK	SW6010
Selenium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Thallium	< 1.6		1.6	1.6	mg/Kg	05/28/13	LK	SW6010
Vanadium	21.5		0.4	0.16	mg/Kg	05/28/13	LK	SW6010
Zinc	58.0		0.8	0.40	mg/Kg	05/28/13	LK	SW6010
Percent Solid	89				%	05/23/13	JL	E160.3
Soil Extraction for PCB	Completed					05/23/13	BB	SW3545
Soil Extraction for Pesticide	Completed					05/23/13	BB/V	SW3545
Soil Extraction for SVOA	Completed					05/23/13	JJ/V	SW3545
Mercury Digestion	Completed					05/24/13	X/Z	SW7471

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				05/23/13	Z/AG	SW846 - 3050
Field Extraction	Completed				05/22/13		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	05/24/13	AW	SW 8082
QA/QC Surrogates							
% DCBP	62			%	05/24/13	AW	30 - 150 %
% TCMX	71			%	05/24/13	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDE	3.4	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	05/24/13	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Chlordane	ND	22	22	ug/Kg	05/24/13	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	05/24/13	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	05/24/13	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	05/24/13	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	05/24/13	MH	SW8081
QA/QC Surrogates							
% DCBP	88			%	05/24/13	MH	30 - 150 %
% TCMX	77			%	05/24/13	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	0.83	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.1	1.0	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	0.72	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.1	0.50	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND		5.1	0.98	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND		5.1	0.68	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND		5.1	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND		5.1	0.60	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	1.5	J	5.1	0.73	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.1	1.4	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND		5.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND		5.1	0.56	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND		5.1	0.44	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND		5.1	0.72	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	0.72	J	5.1	0.67	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND		5.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND		5.1	0.54	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND		5.1	0.80	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND		5.1	0.85	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND		5.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND		25	2.3	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND		5.1	0.70	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND		5.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	16	JS	51	5.0	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.1	1.0	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.1	0.66	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.1	0.74	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.1	0.63	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.1	0.71	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.1	3.9	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.1	0.82	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.1	0.59	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.1	0.75	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.1	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.1	0.92	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.1	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.1	0.55	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.1	0.57	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.1	0.64	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.1	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.1	0.92	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.1	0.97	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.1	2.0	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		30	4.4	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	ND		5.1	0.83	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	1000	D	300	1.4	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.1	0.92	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.1	0.91	ug/Kg	05/25/13	R/J	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.1	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.1	0.73	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.1	0.95	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.1	1.5	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.1	0.81	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	3000	D	315	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		10	4.6	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	2.0	J	5.1	0.80	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.1	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.1	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.4	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	490	D	315	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.1	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.1	0.79	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.1	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	93				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	96				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	100				%	05/25/13	R/J	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	05/24/13	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dimethylphenol	ND		260	93	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	05/24/13	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylnaphthalene	360		260	110	ug/Kg	05/24/13	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	05/24/13	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	05/24/13	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	05/24/13	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	05/24/13	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		750	180	ug/Kg	05/24/13	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	05/24/13	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	05/24/13	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Chloroaniline	ND		750	170	ug/Kg	05/24/13	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
4-Nitroaniline	ND		1900	120	ug/Kg	05/24/13	DD	SW 8270	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthene	420		260	110	ug/Kg	05/24/13	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Aniline	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	
Anthracene	880		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benz(a)anthracene	1200		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzidine	ND		750	220	ug/Kg	05/24/13	DD	SW 8270	
Benzo(a)pyrene	890		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(b)fluoranthene	1100		260	130	ug/Kg	05/24/13	DD	SW 8270	
Benzo(ghi)perylene	580		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzo(k)fluoranthene	400		260	120	ug/Kg	05/24/13	DD	SW 8270	
Benzoic acid	ND		1900	750	ug/Kg	05/24/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	3000		260	110	ug/Kg	05/24/13	DD	SW 8270	
Carbazole	550	J	1900	280	ug/Kg	05/24/13	DD	SW 8270	
Chrysene	1400		260	130	ug/Kg	05/24/13	DD	SW 8270	
Dibenz(a,h)anthracene	160	J	260	120	ug/Kg	05/24/13	DD	SW 8270	
Dibenzofuran	350		260	110	ug/Kg	05/24/13	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Di-n-butylphthalate	ND		260	99	ug/Kg	05/24/13	DD	SW 8270	
Di-n-octylphthalate	ND		260	96	ug/Kg	05/24/13	DD	SW 8270	
Fluoranthene	3200		260	120	ug/Kg	05/24/13	DD	SW 8270	
Fluorene	490		260	120	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorobutadiene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	500		260	120	ug/Kg	05/24/13	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	05/24/13	DD	SW 8270	
Naphthalene	490		260	110	ug/Kg	05/24/13	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	05/24/13	DD	SW 8270	
Phenanthrene	4200		260	110	ug/Kg	05/24/13	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	05/24/13	DD	SW 8270	
Pyrene	2700		260	130	ug/Kg	05/24/13	DD	SW 8270	
Pyridine	ND		260	92	ug/Kg	05/24/13	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	78				%	05/24/13	DD	19 - 122 %	
% 2-Fluorobiphenyl	87				%	05/24/13	DD	30 - 115 %	
% 2-Fluorophenol	74				%	05/24/13	DD	25 - 121 %	
% Nitrobenzene-d5	70				%	05/24/13	DD	23 - 120 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: DUPLICATE

Phoenix I.D.: BD82920

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Phenol-d5	74			%	05/24/13	DD	24 - 113 %
% Terphenyl-d14	93			%	05/24/13	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82921

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	05/22/13		E160.3	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	05/25/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	250	50	ug/Kg	05/25/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	250	25	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloroethane	ND	250	50	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloroethene	ND	250	55	ug/Kg	05/25/13	R/J	SW8260	
1,1-Dichloropropene	ND	250	49	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	250	34	ug/Kg	05/25/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	250	30	ug/Kg	05/25/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dibromoethane	ND	250	67	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	250	28	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloroethane	ND	250	22	ug/Kg	05/25/13	R/J	SW8260	
1,2-Dichloropropane	ND	250	36	ug/Kg	05/25/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	250	37	ug/Kg	05/25/13	R/J	SW8260	
1,3-Dichloropropane	ND	250	27	ug/Kg	05/25/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	250	40	ug/Kg	05/25/13	R/J	SW8260	
2,2-Dichloropropane	ND	250	42	ug/Kg	05/25/13	R/J	SW8260	
2-Chlorotoluene	ND	250	40	ug/Kg	05/25/13	R/J	SW8260	
2-Hexanone	ND	1300	110	ug/Kg	05/25/13	R/J	SW8260	
2-Isopropyltoluene	ND	250	35	ug/Kg	05/25/13	R/J	SW8260	1
4-Chlorotoluene	ND	250	29	ug/Kg	05/25/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	1300	60	ug/Kg	05/25/13	R/J	SW8260	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BD82921

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	ND		2500	250	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		500	140	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		250	50	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		250	33	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		250	37	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		250	31	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		250	35	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		250	190	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		250	41	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		250	29	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		250	37	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		250	59	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		250	46	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		250	130	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		250	55	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		250	27	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		250	28	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		250	32	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		250	67	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		250	46	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		250	53	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		250	48	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		250	99	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		1500	220	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		500	69	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	200	JS	250	41	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		250	67	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		250	46	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		250	45	ug/Kg	05/25/13	R/J	SW8260	
o-Xylene	ND		250	96	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		250	36	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		250	47	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		250	72	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		250	40	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND		250	53	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		500	230	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		250	40	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		250	50	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		250	51	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		500	460	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		250	53	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		250	56	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		250	39	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		250	81	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	94				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	89				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	102				%	05/25/13	R/J	84 - 138 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD82921

Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED 100% SOLID ASSUMED

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.
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Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 31, 2013

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:		05/22/13	0:00
Location Code:	EBC	Received by:	LB	05/23/13	18:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD82910
Phoenix ID: BD82922

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%	05/22/13		E160.3
Field Extraction	Completed				05/22/13		SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	05/25/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	05/25/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	05/25/13	R/J	SW8260
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	05/25/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	0.67	ug/Kg	05/25/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	0.59	ug/Kg	05/25/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	05/25/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	05/25/13	R/J	SW8260
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	05/25/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	05/25/13	R/J	SW8260
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	05/25/13	R/J	SW8260
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	05/25/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	05/25/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	05/25/13	R/J	SW8260
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	05/25/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	05/25/13	R/J	SW8260
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	05/25/13	R/J	SW8260
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	05/25/13	R/J	SW8260
2-Hexanone	ND	25	2.3	ug/Kg	05/25/13	R/J	SW8260
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	05/25/13	R/J	SW8260 1
4-Chlorotoluene	ND	5.0	0.58	ug/Kg	05/25/13	R/J	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK LOW

Phoenix I.D.: BD82922

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	05/25/13	R/J	SW8260	
Acetone	ND		50	5.0	ug/Kg	05/25/13	R/J	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	05/25/13	R/J	SW8260	
Benzene	ND		5.0	0.99	ug/Kg	05/25/13	R/J	SW8260	
Bromobenzene	ND		5.0	0.65	ug/Kg	05/25/13	R/J	SW8260	
Bromochloromethane	ND		5.0	0.73	ug/Kg	05/25/13	R/J	SW8260	
Bromodichloromethane	ND		5.0	0.62	ug/Kg	05/25/13	R/J	SW8260	
Bromoform	ND		5.0	0.70	ug/Kg	05/25/13	R/J	SW8260	
Bromomethane	ND		5.0	3.9	ug/Kg	05/25/13	R/J	SW8260	
Carbon Disulfide	ND		5.0	0.81	ug/Kg	05/25/13	R/J	SW8260	
Carbon tetrachloride	ND		5.0	0.58	ug/Kg	05/25/13	R/J	SW8260	
Chlorobenzene	ND		5.0	0.74	ug/Kg	05/25/13	R/J	SW8260	
Chloroethane	ND		5.0	1.2	ug/Kg	05/25/13	R/J	SW8260	
Chloroform	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Chloromethane	ND		5.0	2.6	ug/Kg	05/25/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg	05/25/13	R/J	SW8260	1
Dibromochloromethane	ND		5.0	0.56	ug/Kg	05/25/13	R/J	SW8260	
Dibromomethane	ND		5.0	0.63	ug/Kg	05/25/13	R/J	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
Ethylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
Hexachlorobutadiene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Isopropylbenzene	ND		5.0	0.96	ug/Kg	05/25/13	R/J	SW8260	
m&p-Xylene	ND		5.0	2.0	ug/Kg	05/25/13	R/J	SW8260	
Methyl Ethyl Ketone	ND		30	4.3	ug/Kg	05/25/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	05/25/13	R/J	SW8260	
Methylene chloride	1.1	JS	5.0	0.82	ug/Kg	05/25/13	R/J	SW8260	
Naphthalene	ND		5.0	1.3	ug/Kg	05/25/13	R/J	SW8260	
n-Butylbenzene	ND		5.0	0.91	ug/Kg	05/25/13	R/J	SW8260	
n-Propylbenzene	ND		5.0	0.90	ug/Kg	05/25/13	R/J	SW8260	
o-Xylene	ND		5.0	1.9	ug/Kg	05/25/13	R/J	SW8260	
p-Isopropyltoluene	ND		5.0	0.72	ug/Kg	05/25/13	R/J	SW8260	
sec-Butylbenzene	ND		5.0	0.94	ug/Kg	05/25/13	R/J	SW8260	
Styrene	ND		5.0	1.4	ug/Kg	05/25/13	R/J	SW8260	
tert-Butylbenzene	ND		5.0	0.80	ug/Kg	05/25/13	R/J	SW8260	
Tetrachloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND		10	4.5	ug/Kg	05/25/13	R/J	SW8260	1
Toluene	ND		5.0	0.79	ug/Kg	05/25/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/Kg	05/25/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.3	ug/Kg	05/25/13	R/J	SW8260	
Trichloroethene	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorofluoromethane	ND		5.0	1.1	ug/Kg	05/25/13	R/J	SW8260	
Trichlorotrifluoroethane	ND		5.0	0.78	ug/Kg	05/25/13	R/J	SW8260	
Vinyl chloride	ND		5.0	1.6	ug/Kg	05/25/13	R/J	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	05/25/13	R/J	70 - 121 %	
% Bromofluorobenzene	99				%	05/25/13	R/J	59 - 113 %	
% Dibromofluoromethane	92				%	05/25/13	R/J	70 - 130 %	
% Toluene-d8	103				%	05/25/13	R/J	84 - 138 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BD82922

Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED 100% SOLID INCLUDED

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

May 31, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Sample Criteria Exceedences Report

GBD82910 - EBC

Requested Criteria: 375NR, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD82910	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	4300	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	4900	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	4900	270	3900	3900	ug/Kg
BD82910	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4000	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4000	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	3500	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3500	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	3500	270	1000	1000	ug/Kg
BD82910	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	2000	270	500	500	ug/Kg
BD82910	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	270	500	500	ug/Kg
BD82910	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	560	270	330	330	ug/Kg
BD82910	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	560	270	330	330	ug/Kg
BD82910	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.47	0.07	0.81	0.81	mg/Kg
BD82910	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.47	0.07	0.81	0.81	mg/Kg
BD82914	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2000	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2200	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1900	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1900	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	1500	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	260	1000	1000	ug/Kg
BD82914	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	870	260	500	500	ug/Kg
BD82914	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	870	260	500	500	ug/Kg
BD82915	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1800	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	1200	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	250	1000	1000	ug/Kg
BD82915	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	690	250	500	500	ug/Kg
BD82915	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	690	250	500	500	ug/Kg
BD82916	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	290	210	210	ug/Kg
BD82916	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	12000	1500	5500	5500	ug/Kg
BD82916	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2700	2400	2400	ug/Kg
BD82916	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBD82910 - EBC

Requested Criteria: 375NR, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD82916	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Commercial	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	1000	1000	ug/Kg
BD82916	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	500	500	ug/Kg
BD82916	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	500	500	ug/Kg
BD82916	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Commercial	ND	2700	560	560	ug/Kg
BD82916	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2700	330	330	ug/Kg
BD82916	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2700	330	330	ug/Kg
BD82916	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	97	97	ug/Kg
BD82916	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	72	72	ug/Kg
BD82916	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	19	19	ug/Kg
BD82916	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential Restricted	ND*	180	97	97	ug/Kg
BD82916	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	180	39	39	ug/Kg
BD82916	BA-SMDP	Barium	NY / 375-6.8 Metals / Commercial	1140	0.8	400	400	mg/Kg
BD82916	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	1140	0.8	350	350	mg/Kg
BD82916	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	1140	0.8	400	400	mg/Kg
BD82917	$8260MADPR	Tetrachloroethene	NY / 375-6.8 Volatiles / Residential	9100	1400	5500	5500	ug/Kg
BD82917	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	97	97	ug/Kg
BD82917	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	72	72	ug/Kg
BD82917	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	19	19	ug/Kg
BD82917	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential Restricted	ND*	190	97	97	ug/Kg
BD82917	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	190	39	39	ug/Kg
BD82920	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1200	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1400	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000	ug/Kg
BD82920	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	260	1000	1000	ug/Kg
BD82921	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg

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.

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

May 31, 2013

SDG I.D.: GBD82910

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

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 on ice

Data Delivery:
☐ Fax #:
☑ Email:

Customer: EBC
Address: 1808 Middle Country Road Ridge, NY

Project: 853 Lexington Ave Brooklyn
Report to: EBC
Invoice to: EBC

Project P.O:
Phone #: 631 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5-22-13

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 5035	SVOCs 8270	TAL Metals	Pest/PCB 8081/8082							Soil Vor H2O	Soil VOA [X] Methanol [ ] S. Bisulfate [ ] 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
82910	B1 (0-2)	S	5-22-13		X	X	X	X								2	1	1							
82911	B1 (4-6)																								
82912	B2 (0-2)																								
82913	B2 (4-6)																								
82914	B3 (0-2)																								
82915	B3 (4-6)																								
82916	B4 (0-2)																								
82917	B4 (4-6)																								
82918	B5 (0-2)																								
82919	B5 (4-6)																								
82920	Duplicate																								
82921	Trip Blank hi																								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-23-13	12:30
		5/23/13	1806

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
☐ TOGS GA GW
☐ CP-51 Soil
☑ NY375 Unrestricted Soil
☑ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☑ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 on ice

Data Delivery:
☐ Fax #:
☑ Email:

Customer: EBC
Address: 1808 Middle Country Road Ridge, NY

Project: 853 Lexington Ave
Report to:
Invoice to: EBC

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5-22-13

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 5035	Soil VOA [ ] Methanol [ ] S. Bisulfate [X] H2O	GL Soil container ( ) 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
82922	Trip Blank low				X	2									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-23-13	1130
	[signature]	5/23/13	1806

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
☐ TOGS GA GW
☐ CP-51 Soil
☑ NY375 Unrestricted Soil
☑ NY375 Residential Soil
☑ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☑ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, January 21, 2014

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

Project ID: 853 LEXINGTON AVE
Sample ID#s: BF96253 - BF96277

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96253

Project ID: 853 LEXINGTON AVE
Client ID: B6 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.35		0.35	0.21	mg/Kg	01/09/14	LK	SW6010	
Aluminum	6740		35	7.1	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.8		0.7	0.71	mg/Kg	01/09/14	LK	SW6010	
Barium	16.8		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.30		0.28	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	7120	*	3.5	3.2	mg/Kg	01/09/14	LK	SW6010	
Cadmium	< 0.35		0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	3.64	*	0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	11.6		0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	9.45		0.35	0.28	mg/kg	01/09/14	LK	SW6010	
Iron	12100		35	35	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.08		0.08	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	639	N	7	2.8	mg/Kg	01/09/14	LK	SW6010	
Magnesium	2650		3.5	0.21	mg/Kg	01/09/14	LK	SW6010	
Manganese	302	N	3.5	1.4	mg/Kg	01/09/14	LK	SW6010	
Sodium	66	N	7	3.0	mg/Kg	01/09/14	LK	SW6010	
Nickel	10.5	*	0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	5.6		0.7	0.21	mg/Kg	01/09/14	LK	SW6010	
Antimony	1.5	B	1.8	0.71	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	16.0		0.4	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	18.6		0.7	0.35	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	92				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96253

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	76			%	01/09/14	AW	30 - 150 %
% TCMX	63			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	21	21	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	71			%	01/10/14	MH	30 - 150 %
% TCMX	64			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.0	0.98	ug/Kg	01/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.0	1.2	ug/Kg	01/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.0	0.85	ug/Kg	01/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.0	0.59	ug/Kg	01/09/14	HM	SW8260
1,1-Dichloroethane	ND	6.0	1.2	ug/Kg	01/09/14	HM	SW8260

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Phoenix I.D.: BF96253

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1,1-Dichloroethene	ND	6.0	1.3	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloropropene	ND	6.0	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	6.0	0.85	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	6.0	0.86	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.0	1.6	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromoethane	ND	6.0	1.6	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	6.0	0.66	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloroethane	ND	6.0	0.53	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloropropane	ND	6.0	0.85	ug/Kg	01/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	6.0	0.79	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	6.0	0.88	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichloropropane	ND	6.0	0.63	ug/Kg	01/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	6.0	0.94	ug/Kg	01/09/14	HM	SW8260	
2,2-Dichloropropane	ND	6.0	1.0	ug/Kg	01/09/14	HM	SW8260	
2-Chlorotoluene	ND	6.0	0.96	ug/Kg	01/09/14	HM	SW8260	
2-Hexanone	ND	30	2.7	ug/Kg	01/09/14	HM	SW8260	
2-Isopropyltoluene	ND	6.0	0.83	ug/Kg	01/09/14	HM	SW8260	1
4-Chlorotoluene	ND	6.0	0.69	ug/Kg	01/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	30	1.4	ug/Kg	01/09/14	HM	SW8260	
Acetone	ND	50	5.9	ug/Kg	01/09/14	HM	SW8260	
Acrylonitrile	ND	12	3.4	ug/Kg	01/09/14	HM	SW8260	
Benzene	ND	6.0	1.2	ug/Kg	01/09/14	HM	SW8260	
Bromobenzene	ND	6.0	0.78	ug/Kg	01/09/14	HM	SW8260	
Bromochloromethane	ND	6.0	0.87	ug/Kg	01/09/14	HM	SW8260	
Bromodichloromethane	ND	6.0	0.74	ug/Kg	01/09/14	HM	SW8260	
Bromoform	ND	6.0	0.84	ug/Kg	01/09/14	HM	SW8260	
Bromomethane	ND	6.0	4.6	ug/Kg	01/09/14	HM	SW8260	
Carbon Disulfide	ND	6.0	0.97	ug/Kg	01/09/14	HM	SW8260	
Carbon tetrachloride	ND	6.0	0.69	ug/Kg	01/09/14	HM	SW8260	
Chlorobenzene	ND	6.0	0.88	ug/Kg	01/09/14	HM	SW8260	
Chloroethane	ND	6.0	1.4	ug/Kg	01/09/14	HM	SW8260	
Chloroform	ND	6.0	1.1	ug/Kg	01/09/14	HM	SW8260	
Chloromethane	ND	6.0	3.1	ug/Kg	01/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	6.0	1.3	ug/Kg	01/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	6.0	0.65	ug/Kg	01/09/14	HM	SW8260	
Dibromochloromethane	ND	6.0	0.67	ug/Kg	01/09/14	HM	SW8260	
Dibromomethane	ND	6.0	0.75	ug/Kg	01/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	6.0	1.6	ug/Kg	01/09/14	HM	SW8260	
Ethylbenzene	ND	6.0	1.1	ug/Kg	01/09/14	HM	SW8260	
Hexachlorobutadiene	ND	6.0	1.3	ug/Kg	01/09/14	HM	SW8260	
Isopropylbenzene	ND	6.0	1.1	ug/Kg	01/09/14	HM	SW8260	
m&p-Xylene	ND	6.0	2.4	ug/Kg	01/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	36	5.2	ug/Kg	01/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	1.7	ug/Kg	01/09/14	HM	SW8260	
Methylene chloride	ND	6.0	0.98	ug/Kg	01/09/14	HM	SW8260	
Naphthalene	ND	6.0	1.6	ug/Kg	01/09/14	HM	SW8260	
n-Butylbenzene	ND	6.0	1.1	ug/Kg	01/09/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		6.0	1.1	ug/Kg	01/09/14	HM	SW8260	
o-Xylene	ND		6.0	2.3	ug/Kg	01/09/14	HM	SW8260	
p-Isopropyltoluene	ND		6.0	0.86	ug/Kg	01/09/14	HM	SW8260	
sec-Butylbenzene	ND		6.0	1.1	ug/Kg	01/09/14	HM	SW8260	
Styrene	ND		6.0	1.7	ug/Kg	01/09/14	HM	SW8260	
tert-Butylbenzene	ND		6.0	0.96	ug/Kg	01/09/14	HM	SW8260	
Tetrachloroethene	ND		6.0	1.3	ug/Kg	01/09/14	HM	SW8260	
Tetrahydrofuran (THF)	11	J	12	5.4	ug/Kg	01/09/14	HM	SW8260	1
Toluene	ND		6.0	0.94	ug/Kg	01/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		6.0	1.2	ug/Kg	01/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		6.0	1.2	ug/Kg	01/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		12	11	ug/Kg	01/09/14	HM	SW8260	
Trichloroethene	ND		6.0	1.3	ug/Kg	01/09/14	HM	SW8260	
Trichlorofluoromethane	ND		6.0	1.3	ug/Kg	01/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND		6.0	0.93	ug/Kg	01/09/14	HM	SW8260	
Vinyl chloride	ND		6.0	1.9	ug/Kg	01/09/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	01/09/14	HM	70 - 121 %	
% Bromofluorobenzene	94				%	01/09/14	HM	59 - 113 %	
% Dibromofluoromethane	103				%	01/09/14	HM	70 - 130 %	
% Toluene-d8	98				%	01/09/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	01/08/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dimethylphenol	ND		250	88	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	01/08/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	01/08/14	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	01/08/14	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	01/08/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	01/08/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		710	170	ug/Kg	01/08/14	DD	SW 8270	
3-Nitroaniline	ND		1800	780	ug/Kg	01/08/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	380	ug/Kg	01/08/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
4-Chloroaniline	ND		710	170	ug/Kg	01/08/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND		1800	120	ug/Kg	01/08/14	DD	SW 8270	
4-Nitrophenol	ND		1800	160	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthylene	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
Aniline	ND		1800	720	ug/Kg	01/08/14	DD	SW 8270	
Anthracene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Benz(a)anthracene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzidine	ND		710	210	ug/Kg	01/08/14	DD	SW 8270	
Benzo(a)pyrene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(b)fluoranthene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(ghi)perylene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzoic acid	ND		1800	710	ug/Kg	01/08/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND		250	92	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	96	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	99	ug/Kg	01/08/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	01/08/14	DD	SW 8270	
Chrysene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenzofuran	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
Di-n-butylphthalate	ND		250	95	ug/Kg	01/08/14	DD	SW 8270	
Di-n-octylphthalate	ND		250	92	ug/Kg	01/08/14	DD	SW 8270	
Fluoranthene	190	J	250	120	ug/Kg	01/08/14	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
Isophorone	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
Nitrobenzene	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	01/08/14	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
Pentachlorophenol	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
Phenanthrene	210	J	250	100	ug/Kg	01/08/14	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
Pyrene	140	J	250	120	ug/Kg	01/08/14	DD	SW 8270	
Pyridine	ND		250	88	ug/Kg	01/08/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	98				%	01/08/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	89				%	01/08/14	DD	30 - 115 %	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	80			%	01/08/14	DD	25 - 121 %
% Nitrobenzene-d5	94			%	01/08/14	DD	23 - 120 %
% Phenol-d5	83			%	01/08/14	DD	24 - 113 %
% Terphenyl-d14	93			%	01/08/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96254

Project ID: 853 LEXINGTON AVE
Client ID: B6 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.36		0.36	0.22	mg/Kg	01/09/14	LK	SW6010	
Aluminum	8960		36	7.2	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.3		0.7	0.72	mg/Kg	01/09/14	LK	SW6010	
Barium	79.2		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.65		0.29	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	902	*	3.6	3.3	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.54		0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	8.35	*	0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	26.3		0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	19.4		0.36	0.29	mg/kg	01/09/14	LK	SW6010	
Iron	47400		36	36	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1240	N	7	2.8	mg/Kg	01/09/14	LK	SW6010	
Magnesium	2370		3.6	0.22	mg/Kg	01/09/14	LK	SW6010	
Manganese	1720		36	14	mg/Kg	01/09/14	LK	SW6010	
Sodium	86	N	7	3.1	mg/Kg	01/09/14	LK	SW6010	
Nickel	23.3	*	0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	7.3		0.7	0.22	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.8		1.8	0.72	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	39.0		0.4	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	30.3		0.7	0.36	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	91				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	91			%	01/09/14	AW	30 - 150 %
% TCMX	73			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	21	21	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	88			%	01/10/14	MH	30 - 150 %
% TCMX	74			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.3	1.0	ug/Kg	01/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.3	1.3	ug/Kg	01/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.3	0.89	ug/Kg	01/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.3	0.61	ug/Kg	01/09/14	HM	SW8260
1,1-Dichloroethane	ND	6.3	1.2	ug/Kg	01/09/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B6 10-12

Phoenix I.D.: BF96254

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	6.3	1.4	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloropropene	ND	6.3	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	6.3	0.89	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	6.3	0.90	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.3	1.7	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromoethane	ND	6.3	1.7	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	6.3	0.69	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloroethane	ND	6.3	0.55	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloropropane	ND	6.3	0.89	ug/Kg	01/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	6.3	0.83	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	6.3	0.93	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichloropropane	ND	6.3	0.66	ug/Kg	01/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	6.3	0.99	ug/Kg	01/09/14	HM	SW8260	
2,2-Dichloropropane	ND	6.3	1.1	ug/Kg	01/09/14	HM	SW8260	
2-Chlorotoluene	ND	6.3	1.0	ug/Kg	01/09/14	HM	SW8260	
2-Hexanone	ND	31	2.8	ug/Kg	01/09/14	HM	SW8260	
2-Isopropyltoluene	ND	6.3	0.86	ug/Kg	01/09/14	HM	SW8260	1
4-Chlorotoluene	ND	6.3	0.73	ug/Kg	01/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	31	1.5	ug/Kg	01/09/14	HM	SW8260	
Acetone	ND	50	6.2	ug/Kg	01/09/14	HM	SW8260	
Acrylonitrile	ND	13	3.5	ug/Kg	01/09/14	HM	SW8260	
Benzene	ND	6.3	1.2	ug/Kg	01/09/14	HM	SW8260	
Bromobenzene	ND	6.3	0.81	ug/Kg	01/09/14	HM	SW8260	
Bromochloromethane	ND	6.3	0.91	ug/Kg	01/09/14	HM	SW8260	
Bromodichloromethane	ND	6.3	0.78	ug/Kg	01/09/14	HM	SW8260	
Bromoform	ND	6.3	0.88	ug/Kg	01/09/14	HM	SW8260	
Bromomethane	ND	6.3	4.8	ug/Kg	01/09/14	HM	SW8260	
Carbon Disulfide	ND	6.3	1.0	ug/Kg	01/09/14	HM	SW8260	
Carbon tetrachloride	ND	6.3	0.73	ug/Kg	01/09/14	HM	SW8260	
Chlorobenzene	ND	6.3	0.93	ug/Kg	01/09/14	HM	SW8260	
Chloroethane	ND	6.3	1.5	ug/Kg	01/09/14	HM	SW8260	
Chloroform	ND	6.3	1.1	ug/Kg	01/09/14	HM	SW8260	
Chloromethane	ND	6.3	3.3	ug/Kg	01/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	6.3	1.4	ug/Kg	01/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	6.3	0.68	ug/Kg	01/09/14	HM	SW8260	
Dibromochloromethane	ND	6.3	0.70	ug/Kg	01/09/14	HM	SW8260	
Dibromomethane	ND	6.3	0.79	ug/Kg	01/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	6.3	1.7	ug/Kg	01/09/14	HM	SW8260	
Ethylbenzene	ND	6.3	1.1	ug/Kg	01/09/14	HM	SW8260	
Hexachlorobutadiene	ND	6.3	1.3	ug/Kg	01/09/14	HM	SW8260	
Isopropylbenzene	ND	6.3	1.2	ug/Kg	01/09/14	HM	SW8260	
m&p-Xylene	ND	6.3	2.5	ug/Kg	01/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	38	5.4	ug/Kg	01/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	1.7	ug/Kg	01/09/14	HM	SW8260	
Methylene chloride	ND	6.3	1.0	ug/Kg	01/09/14	HM	SW8260	
Naphthalene	ND	6.3	1.7	ug/Kg	01/09/14	HM	SW8260	
n-Butylbenzene	ND	6.3	1.1	ug/Kg	01/09/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		6.3	1.1	ug/Kg	01/09/14	HM	SW8260	
o-Xylene	ND		6.3	2.4	ug/Kg	01/09/14	HM	SW8260	
p-Isopropyltoluene	ND		6.3	0.90	ug/Kg	01/09/14	HM	SW8260	
sec-Butylbenzene	ND		6.3	1.2	ug/Kg	01/09/14	HM	SW8260	
Styrene	ND		6.3	1.8	ug/Kg	01/09/14	HM	SW8260	
tert-Butylbenzene	ND		6.3	1.0	ug/Kg	01/09/14	HM	SW8260	
Tetrachloroethene	2.3	J	6.3	1.3	ug/Kg	01/09/14	HM	SW8260	
Tetrahydrofuran (THF)	10	J	13	5.6	ug/Kg	01/09/14	HM	SW8260	1
Toluene	ND		6.3	0.99	ug/Kg	01/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		6.3	1.3	ug/Kg	01/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		6.3	1.3	ug/Kg	01/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	01/09/14	HM	SW8260	
Trichloroethene	ND		6.3	1.3	ug/Kg	01/09/14	HM	SW8260	
Trichlorofluoromethane	ND		6.3	1.4	ug/Kg	01/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND		6.3	0.98	ug/Kg	01/09/14	HM	SW8260	
Vinyl chloride	ND		6.3	2.0	ug/Kg	01/09/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	01/09/14	HM	70 - 121 %	
% Bromofluorobenzene	96				%	01/09/14	HM	59 - 113 %	
% Dibromofluoromethane	104				%	01/09/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/09/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	01/08/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dimethylphenol	ND		250	89	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	01/08/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	01/08/14	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	01/08/14	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	01/08/14	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	01/08/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	01/08/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	01/08/14	DD	SW 8270	
3-Nitroaniline	ND		1800	780	ug/Kg	01/08/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/08/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	01/08/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	01/08/14	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	01/08/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/08/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B6 10-12

Phoenix I.D.: BF96254

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/08/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthylene	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/08/14	DD	SW 8270	
Aniline	ND	1800	720	ug/Kg	01/08/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzidine	ND	720	210	ug/Kg	01/08/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Benzoic acid	ND	1800	720	ug/Kg	01/08/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	93	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/08/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenzofuran	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/08/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/08/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	95	ug/Kg	01/08/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	93	ug/Kg	01/08/14	DD	SW 8270	
Fluoranthene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobenzene	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/08/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/08/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Isophorone	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
Nitrobenzene	ND	250	130	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/08/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/08/14	DD	SW 8270	
Pentachlorophenol	ND	250	140	ug/Kg	01/08/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/08/14	DD	SW 8270	
Phenol	ND	250	110	ug/Kg	01/08/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/08/14	DD	SW 8270	
Pyridine	ND	250	88	ug/Kg	01/08/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	102			%	01/08/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	89			%	01/08/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B6 10-12

Phoenix I.D.: BF96254

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	83			%	01/08/14	DD	25 - 121 %
% Nitrobenzene-d5	96			%	01/08/14	DD	23 - 120 %
% Phenol-d5	85			%	01/08/14	DD	24 - 113 %
% Terphenyl-d14	92			%	01/08/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96255

Project ID: 853 LEXINGTON AVE
Client ID: B6 43-45

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.38		0.38	0.23	mg/Kg	01/09/14	LK	SW6010	
Aluminum	2810		38	7.6	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.8		0.8	0.76	mg/Kg	01/09/14	LK	SW6010	
Barium	28.7		0.8	0.15	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.24	B	0.30	0.15	mg/Kg	01/09/14	LK	SW6010	
Calcium	914	*	3.8	3.5	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.30	B	0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Cobalt	4.17	*	0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Chromium	11.5		0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Copper	13.5		0.38	0.30	mg/kg	01/09/14	LK	SW6010	
Iron	21100		38	38	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	546	N	8	3.0	mg/Kg	01/09/14	LK	SW6010	
Magnesium	1290		3.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Manganese	418	N	3.8	1.5	mg/Kg	01/09/14	LK	SW6010	
Sodium	75	N	8	3.3	mg/Kg	01/09/14	LK	SW6010	
Nickel	7.36	*	0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Lead	4.8		0.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.9		1.9	0.76	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.5		1.5	1.3	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.5		1.5	1.5	mg/Kg	01/09/14	LK	SW6010	
Vanadium	22.0		0.4	0.15	mg/Kg	01/09/14	LK	SW6010	
Zinc	15.5		0.8	0.38	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	89				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B6 43-45

Phoenix I.D.: BF96255

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	88			%	01/09/14	AW	30 - 150 %
% TCMX	70			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	84			%	01/10/14	MH	30 - 150 %
% TCMX	72			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.1	1.0	ug/Kg	01/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.1	1.2	ug/Kg	01/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.1	0.87	ug/Kg	01/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.1	0.60	ug/Kg	01/09/14	HM	SW8260
1,1-Dichloroethane	ND	6.1	1.2	ug/Kg	01/09/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B6 43-45

Phoenix I.D.: BF96255

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	6.1	1.3	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloropropene	ND	6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	6.1	0.87	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	6.1	0.88	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.1	1.6	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromoethane	ND	6.1	1.6	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	6.1	0.67	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloroethane	ND	6.1	0.54	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloropropane	ND	6.1	0.87	ug/Kg	01/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	6.1	0.81	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	6.1	0.91	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichloropropane	ND	6.1	0.65	ug/Kg	01/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	6.1	0.97	ug/Kg	01/09/14	HM	SW8260	
2,2-Dichloropropane	ND	6.1	1.0	ug/Kg	01/09/14	HM	SW8260	
2-Chlorotoluene	ND	6.1	0.98	ug/Kg	01/09/14	HM	SW8260	
2-Hexanone	ND	31	2.8	ug/Kg	01/09/14	HM	SW8260	
2-Isopropyltoluene	ND	6.1	0.85	ug/Kg	01/09/14	HM	SW8260	1
4-Chlorotoluene	ND	6.1	0.71	ug/Kg	01/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	31	1.5	ug/Kg	01/09/14	HM	SW8260	
Acetone	86	50	6.1	ug/Kg	01/09/14	HM	SW8260	
Acrylonitrile	ND	12	3.4	ug/Kg	01/09/14	HM	SW8260	
Benzene	ND	6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
Bromobenzene	ND	6.1	0.80	ug/Kg	01/09/14	HM	SW8260	
Bromochloromethane	ND	6.1	0.89	ug/Kg	01/09/14	HM	SW8260	
Bromodichloromethane	ND	6.1	0.76	ug/Kg	01/09/14	HM	SW8260	
Bromoform	ND	6.1	0.86	ug/Kg	01/09/14	HM	SW8260	
Bromomethane	ND	6.1	4.7	ug/Kg	01/09/14	HM	SW8260	
Carbon Disulfide	ND	6.1	0.99	ug/Kg	01/09/14	HM	SW8260	
Carbon tetrachloride	ND	6.1	0.71	ug/Kg	01/09/14	HM	SW8260	
Chlorobenzene	ND	6.1	0.91	ug/Kg	01/09/14	HM	SW8260	
Chloroethane	ND	6.1	1.4	ug/Kg	01/09/14	HM	SW8260	
Chloroform	ND	6.1	1.1	ug/Kg	01/09/14	HM	SW8260	
Chloromethane	ND	6.1	3.2	ug/Kg	01/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	6.1	1.3	ug/Kg	01/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	6.1	0.66	ug/Kg	01/09/14	HM	SW8260	
Dibromochloromethane	ND	6.1	0.69	ug/Kg	01/09/14	HM	SW8260	
Dibromomethane	ND	6.1	0.77	ug/Kg	01/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	6.1	1.6	ug/Kg	01/09/14	HM	SW8260	
Ethylbenzene	ND	6.1	1.1	ug/Kg	01/09/14	HM	SW8260	
Hexachlorobutadiene	ND	6.1	1.3	ug/Kg	01/09/14	HM	SW8260	
Isopropylbenzene	ND	6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
m&p-Xylene	ND	6.1	2.4	ug/Kg	01/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	37	5.3	ug/Kg	01/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	1.7	ug/Kg	01/09/14	HM	SW8260	
Methylene chloride	ND	6.1	1.0	ug/Kg	01/09/14	HM	SW8260	
Naphthalene	ND	6.1	1.6	ug/Kg	01/09/14	HM	SW8260	
n-Butylbenzene	ND	6.1	1.1	ug/Kg	01/09/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		6.1	1.1	ug/Kg	01/09/14	HM	SW8260	
o-Xylene	ND		6.1	2.3	ug/Kg	01/09/14	HM	SW8260	
p-Isopropyltoluene	ND		6.1	0.88	ug/Kg	01/09/14	HM	SW8260	
sec-Butylbenzene	ND		6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
Styrene	ND		6.1	1.8	ug/Kg	01/09/14	HM	SW8260	
tert-Butylbenzene	ND		6.1	0.98	ug/Kg	01/09/14	HM	SW8260	
Tetrachloroethene	2.6	J	6.1	1.3	ug/Kg	01/09/14	HM	SW8260	
Tetrahydrofuran (THF)	15		12	5.5	ug/Kg	01/09/14	HM	SW8260	1
Toluene	ND		6.1	0.97	ug/Kg	01/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		6.1	1.2	ug/Kg	01/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		12	11	ug/Kg	01/09/14	HM	SW8260	
Trichloroethene	1.3	J	6.1	1.3	ug/Kg	01/09/14	HM	SW8260	
Trichlorofluoromethane	ND		6.1	1.4	ug/Kg	01/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND		6.1	0.96	ug/Kg	01/09/14	HM	SW8260	
Vinyl chloride	ND		6.1	2.0	ug/Kg	01/09/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	01/09/14	HM	70 - 121 %	
% Bromofluorobenzene	97				%	01/09/14	HM	59 - 113 %	
% Dibromofluoromethane	104				%	01/09/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/09/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/08/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/08/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	01/08/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/08/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/08/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/08/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/08/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	92	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	01/08/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/08/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	01/08/14	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	01/08/14	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	01/08/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	01/08/14	DD	SW 8270	
2-Nitroaniline	ND		1900	370	ug/Kg	01/08/14	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	01/08/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	01/08/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		740	170	ug/Kg	01/08/14	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	01/08/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	01/08/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/08/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/08/14	DD	SW 8270	
4-Chloroaniline	ND		740	170	ug/Kg	01/08/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	01/08/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B6 43-45

Phoenix I.D.: BF96255

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1900	120	ug/Kg	01/08/14	DD	SW 8270	
4-Nitrophenol	ND	1900	170	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Acetophenone	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Aniline	ND	1900	750	ug/Kg	01/08/14	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzidine	ND	740	220	ug/Kg	01/08/14	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzoic acid	ND	1900	740	ug/Kg	01/08/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	96	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Carbazole	ND	1900	280	ug/Kg	01/08/14	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Dimethylphthalate	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Di-n-butylphthalate	ND	260	99	ug/Kg	01/08/14	DD	SW 8270	
Di-n-octylphthalate	ND	260	96	ug/Kg	01/08/14	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/08/14	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/08/14	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	01/08/14	DD	SW 8270	
Phenanthrene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	
Pyridine	ND	260	91	ug/Kg	01/08/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	94			%	01/08/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	80			%	01/08/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B6 43-45

Phoenix I.D.: BF96255

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	76			%	01/08/14	DD	25 - 121 %
% Nitrobenzene-d5	87			%	01/08/14	DD	23 - 120 %
% Phenol-d5	78			%	01/08/14	DD	24 - 113 %
% Terphenyl-d14	90			%	01/08/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96256

Project ID: 853 LEXINGTON AVE
Client ID: B7 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.41		0.41	0.24	mg/Kg	01/09/14	LK	SW6010	
Aluminum	10500		41	8.1	mg/Kg	01/09/14	LK	SW6010	
Arsenic	26.7		0.8	0.81	mg/Kg	01/09/14	LK	SW6010	
Barium	87.7		0.8	0.16	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.60		0.32	0.16	mg/Kg	01/09/14	LK	SW6010	
Calcium	65300	*	41	37	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.39	B	0.41	0.16	mg/Kg	01/09/14	LK	SW6010	
Cobalt	5.08	*	0.41	0.16	mg/Kg	01/09/14	LK	SW6010	
Chromium	22.0		0.41	0.16	mg/Kg	01/09/14	LK	SW6010	
Copper	22.5		0.41	0.32	mg/kg	01/09/14	LK	SW6010	
Iron	14200		41	41	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.10		0.10	0.06	mg/Kg	01/09/14	RS	SW-7471	
Potassium	2120	N	8	3.2	mg/Kg	01/09/14	LK	SW6010	
Magnesium	10500		41	2.4	mg/Kg	01/09/14	LK	SW6010	
Manganese	357	N	4.1	1.6	mg/Kg	01/09/14	LK	SW6010	
Sodium	1620	N	8	3.5	mg/Kg	01/09/14	LK	SW6010	
Nickel	28.1	*	0.41	0.16	mg/Kg	01/09/14	LK	SW6010	
Lead	127		0.8	0.24	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 2.0		2.0	0.81	mg/Kg	01/09/14	LK	SW6010	
Selenium	7.3		1.6	1.4	mg/Kg	01/10/14	LK	SW6010	
Thallium	< 1.6		1.6	1.6	mg/Kg	01/09/14	LK	SW6010	
Vanadium	23.8		0.4	0.16	mg/Kg	01/09/14	LK	SW6010	
Zinc	176		8.1	4.1	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	80				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B7 0-2

Phoenix I.D.: BF96256

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	41	41	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	83			%	01/09/14	AW	30 - 150 %
% TCMX	65			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.9	2.9	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.9	2.9	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.9	2.9	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	4.1	4.1	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	24	24	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	4.1	4.1	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	4.1	4.1	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	4.1	4.1	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	4.1	4.1	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	4.1	4.1	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	8.1	8.1	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	39	39	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	80			%	01/10/14	MH	30 - 150 %
% TCMX	68			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	7.6	1.3	ug/Kg	01/09/14	JLI	SW8260
1,1,1-Trichloroethane	ND	7.6	1.5	ug/Kg	01/09/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	7.6	1.1	ug/Kg	01/09/14	JLI	SW8260
1,1,2-Trichloroethane	ND	7.6	0.75	ug/Kg	01/09/14	JLI	SW8260
1,1-Dichloroethane	ND	7.6	1.5	ug/Kg	01/09/14	JLI	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B7 0-2

Phoenix I.D.: BF96256

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		7.6	1.7	ug/Kg	01/09/14	JLI	SW8260	
1,1-Dichloropropene	ND		7.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		7.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		7.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trimethylbenzene	1.2	J	7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		7.6	2.0	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromoethane	ND		7.6	2.0	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		7.6	0.84	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloroethane	ND		7.6	0.67	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloropropane	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		7.6	1.0	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichloropropane	ND		7.6	0.81	ug/Kg	01/09/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		7.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
2,2-Dichloropropane	ND		7.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
2-Chlorotoluene	ND		7.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
2-Hexanone	ND		38	3.4	ug/Kg	01/09/14	JLI	SW8260	
2-Isopropyltoluene	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	1
4-Chlorotoluene	ND		7.6	0.88	ug/Kg	01/09/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		38	1.8	ug/Kg	01/09/14	JLI	SW8260	
Acetone	21	JS	50	7.6	ug/Kg	01/09/14	JLI	SW8260	
Acrylonitrile	ND		15	4.3	ug/Kg	01/09/14	JLI	SW8260	
Benzene	ND		7.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
Bromobenzene	ND		7.6	0.99	ug/Kg	01/09/14	JLI	SW8260	
Bromochloromethane	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
Bromodichloromethane	ND		7.6	0.95	ug/Kg	01/09/14	JLI	SW8260	
Bromoform	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
Bromomethane	ND		7.6	5.9	ug/Kg	01/09/14	JLI	SW8260	
Carbon Disulfide	ND		7.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
Carbon tetrachloride	ND		7.6	0.88	ug/Kg	01/09/14	JLI	SW8260	
Chlorobenzene	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
Chloroethane	ND		7.6	1.8	ug/Kg	01/09/14	JLI	SW8260	
Chloroform	ND		7.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
Chloromethane	ND		7.6	4.0	ug/Kg	01/09/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		7.6	1.7	ug/Kg	01/09/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		7.6	0.82	ug/Kg	01/09/14	JLI	SW8260	
Dibromochloromethane	ND		7.6	0.85	ug/Kg	01/09/14	JLI	SW8260	
Dibromomethane	ND		7.6	0.96	ug/Kg	01/09/14	JLI	SW8260	
Dichlorodifluoromethane	ND		7.6	2.0	ug/Kg	01/09/14	JLI	SW8260	
Ethylbenzene	ND		7.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
Hexachlorobutadiene	ND		7.6	1.6	ug/Kg	01/09/14	JLI	SW8260	
Isopropylbenzene	ND		7.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
m&p-Xylene	ND		7.6	3.0	ug/Kg	01/09/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		46	6.6	ug/Kg	01/09/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		15	2.1	ug/Kg	01/09/14	JLI	SW8260	
Methylene chloride	1.5	JS	7.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
Naphthalene	ND		7.6	2.0	ug/Kg	01/09/14	JLI	SW8260	
n-Butylbenzene	ND		7.6	1.4	ug/Kg	01/09/14	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		7.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
o-Xylene	ND		7.6	2.9	ug/Kg	01/09/14	JLI	SW8260	
p-Isopropyltoluene	ND		7.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
sec-Butylbenzene	ND		7.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
Styrene	ND		7.6	2.2	ug/Kg	01/09/14	JLI	SW8260	
tert-Butylbenzene	ND		7.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
Tetrachloroethene	3.8	J	7.6	1.6	ug/Kg	01/09/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND		15	6.9	ug/Kg	01/09/14	JLI	SW8260	1
Toluene	ND		7.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND		7.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND		7.6	1.6	ug/Kg	01/09/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		15	14	ug/Kg	01/09/14	JLI	SW8260	
Trichloroethene	ND		7.6	1.6	ug/Kg	01/09/14	JLI	SW8260	
Trichlorofluoromethane	ND		7.6	1.7	ug/Kg	01/09/14	JLI	SW8260	
Trichlorotrifluoroethane	ND		7.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
Vinyl chloride	ND		7.6	2.5	ug/Kg	01/09/14	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	01/09/14	JLI	70 - 121 %	
% Bromofluorobenzene	97				%	01/09/14	JLI	59 - 113 %	
% Dibromofluoromethane	106				%	01/09/14	JLI	70 - 130 %	
% Toluene-d8	96				%	01/09/14	JLI	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		290	150	ug/Kg	01/08/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		290	130	ug/Kg	01/08/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		290	230	ug/Kg	01/08/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		290	130	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dichlorophenol	ND		290	150	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dimethylphenol	ND		290	100	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrophenol	ND		2100	290	ug/Kg	01/08/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		290	160	ug/Kg	01/08/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		290	130	ug/Kg	01/08/14	DD	SW 8270	
2-Chloronaphthalene	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
2-Chlorophenol	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
2-Methylnaphthalene	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		290	190	ug/Kg	01/08/14	DD	SW 8270	
2-Nitroaniline	ND		2100	420	ug/Kg	01/08/14	DD	SW 8270	
2-Nitrophenol	ND		290	260	ug/Kg	01/08/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		290	160	ug/Kg	01/08/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		820	190	ug/Kg	01/08/14	DD	SW 8270	
3-Nitroaniline	ND		2100	900	ug/Kg	01/08/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		2100	440	ug/Kg	01/08/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		290	120	ug/Kg	01/08/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		290	150	ug/Kg	01/08/14	DD	SW 8270	
4-Chloroaniline	ND		820	190	ug/Kg	01/08/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		290	140	ug/Kg	01/08/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B7 0-2

Phoenix I.D.: BF96256

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	2100	140	ug/Kg	01/08/14	DD	SW 8270	
4-Nitrophenol	ND	2100	190	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthene	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthylene	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Acetophenone	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Aniline	ND	2100	830	ug/Kg	01/08/14	DD	SW 8270	
Anthracene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Benz(a)anthracene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Benzidine	ND	820	240	ug/Kg	01/08/14	DD	SW 8270	
Benzo(a)pyrene	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Benzo(ghi)perylene	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Benzoic acid	ND	2100	820	ug/Kg	01/08/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	290	110	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	01/08/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Carbazole	ND	2100	310	ug/Kg	01/08/14	DD	SW 8270	
Chrysene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Dibenzofuran	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Diethyl phthalate	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Dimethylphthalate	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Di-n-butylphthalate	ND	290	110	ug/Kg	01/08/14	DD	SW 8270	
Di-n-octylphthalate	ND	290	110	ug/Kg	01/08/14	DD	SW 8270	
Fluoranthene	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Fluorene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobenzene	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobutadiene	ND	290	150	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Hexachloroethane	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Isophorone	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Naphthalene	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Nitrobenzene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	01/08/14	DD	SW 8270	
Pentachloronitrobenzene	ND	290	150	ug/Kg	01/08/14	DD	SW 8270	
Pentachlorophenol	ND	290	160	ug/Kg	01/08/14	DD	SW 8270	
Phenanthrene	ND	290	120	ug/Kg	01/08/14	DD	SW 8270	
Phenol	ND	290	130	ug/Kg	01/08/14	DD	SW 8270	
Pyrene	ND	290	140	ug/Kg	01/08/14	DD	SW 8270	
Pyridine	ND	290	100	ug/Kg	01/08/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	96			%	01/08/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	79			%	01/08/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B7 0-2

Phoenix I.D.: BF96256

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	79			%	01/08/14	DD	25 - 121 %
% Nitrobenzene-d5	90			%	01/08/14	DD	23 - 120 %
% Phenol-d5	79			%	01/08/14	DD	24 - 113 %
% Terphenyl-d14	89			%	01/08/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96257

Project ID: 853 LEXINGTON AVE
Client ID: B7 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.43		0.43	0.26	mg/Kg	01/09/14	LK	SW6010	
Aluminum	20700		43	8.7	mg/Kg	01/09/14	LK	SW6010	
Arsenic	4.0		0.9	0.87	mg/Kg	01/09/14	LK	SW6010	
Barium	130		0.9	0.17	mg/Kg	01/09/14	LK	SW6010	
Beryllium	1.06		0.35	0.17	mg/Kg	01/09/14	LK	SW6010	
Calcium	11800	*	4.3	4.0	mg/Kg	01/09/14	LK	SW6010	
Cadmium	< 0.43		0.43	0.17	mg/Kg	01/09/14	LK	SW6010	
Cobalt	13.2	*	0.43	0.17	mg/Kg	01/09/14	LK	SW6010	
Chromium	49.7		0.43	0.17	mg/Kg	01/09/14	LK	SW6010	
Copper	34.0		0.43	0.35	mg/kg	01/09/14	LK	SW6010	
Iron	44800		43	43	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.09		0.09	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	3990	N	9	3.4	mg/Kg	01/09/14	LK	SW6010	
Magnesium	8870		43	2.6	mg/Kg	01/09/14	LK	SW6010	
Manganese	557	N	4.3	1.7	mg/Kg	01/09/14	LK	SW6010	
Sodium	220	N	9	3.7	mg/Kg	01/09/14	LK	SW6010	
Nickel	30.2	*	0.43	0.17	mg/Kg	01/09/14	LK	SW6010	
Lead	15.2		0.9	0.26	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 2.2		2.2	0.87	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.7		1.7	1.5	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.7		1.7	1.7	mg/Kg	01/09/14	LK	SW6010	
Vanadium	56.1		0.4	0.17	mg/Kg	01/09/14	LK	SW6010	
Zinc	78.2		0.9	0.43	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	74				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B7 10-12

Phoenix I.D.: BF96257

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	44	44	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	82			%	01/09/14	AW	30 - 150 %
% TCMX	66			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	3.1	3.1	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	3.1	3.1	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	3.1	3.1	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	4.4	4.4	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	26	26	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	4.4	4.4	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	4.4	4.4	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	4.4	4.4	ug/Kg	01/10/14	MH	SW8081
Endrin	ND*	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	4.4	4.4	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	4.4	4.4	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	2.2	2.2	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	8.7	8.7	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	42	42	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	62			%	01/10/14	MH	30 - 150 %
% TCMX	64			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.8	1.4	ug/Kg	01/09/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.8	1.8	ug/Kg	01/09/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.8	1.2	ug/Kg	01/09/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.8	0.86	ug/Kg	01/09/14	JLI	SW8260
1,1-Dichloroethane	ND	8.8	1.7	ug/Kg	01/09/14	JLI	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B7 10-12

Phoenix I.D.: BF96257

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		8.8	1.9	ug/Kg	01/09/14	JLI	SW8260	
1,1-Dichloropropene	ND		8.8	1.7	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		8.8	1.8	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		8.8	1.2	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		8.8	1.8	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		8.8	1.3	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		8.8	2.4	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromoethane	ND		8.8	2.3	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		8.8	0.97	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloroethane	ND		8.8	0.77	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloropropane	ND		8.8	1.2	ug/Kg	01/09/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		8.8	1.2	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		8.8	1.3	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichloropropane	ND		8.8	0.93	ug/Kg	01/09/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		8.8	1.4	ug/Kg	01/09/14	JLI	SW8260	
2,2-Dichloropropane	ND		8.8	1.5	ug/Kg	01/09/14	JLI	SW8260	
2-Chlorotoluene	ND		8.8	1.4	ug/Kg	01/09/14	JLI	SW8260	
2-Hexanone	ND		44	4.0	ug/Kg	01/09/14	JLI	SW8260	
2-Isopropyltoluene	ND		8.8	1.2	ug/Kg	01/09/14	JLI	SW8260	1
4-Chlorotoluene	ND		8.8	1.0	ug/Kg	01/09/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		44	2.1	ug/Kg	01/09/14	JLI	SW8260	
Acetone	10	JS	50	8.7	ug/Kg	01/09/14	JLI	SW8260	
Acrylonitrile	ND		18	4.9	ug/Kg	01/09/14	JLI	SW8260	
Benzene	ND		8.8	1.7	ug/Kg	01/09/14	JLI	SW8260	
Bromobenzene	ND		8.8	1.1	ug/Kg	01/09/14	JLI	SW8260	
Bromochloromethane	ND		8.8	1.3	ug/Kg	01/09/14	JLI	SW8260	
Bromodichloromethane	ND		8.8	1.1	ug/Kg	01/09/14	JLI	SW8260	
Bromoform	ND		8.8	1.2	ug/Kg	01/09/14	JLI	SW8260	
Bromomethane	ND		8.8	6.8	ug/Kg	01/09/14	JLI	SW8260	
Carbon Disulfide	ND		8.8	1.4	ug/Kg	01/09/14	JLI	SW8260	
Carbon tetrachloride	ND		8.8	1.0	ug/Kg	01/09/14	JLI	SW8260	
Chlorobenzene	ND		8.8	1.3	ug/Kg	01/09/14	JLI	SW8260	
Chloroethane	ND		8.8	2.1	ug/Kg	01/09/14	JLI	SW8260	
Chloroform	ND		8.8	1.6	ug/Kg	01/09/14	JLI	SW8260	
Chloromethane	ND		8.8	4.6	ug/Kg	01/09/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		8.8	1.9	ug/Kg	01/09/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		8.8	0.95	ug/Kg	01/09/14	JLI	SW8260	
Dibromochloromethane	ND		8.8	0.98	ug/Kg	01/09/14	JLI	SW8260	
Dibromomethane	ND		8.8	1.1	ug/Kg	01/09/14	JLI	SW8260	
Dichlorodifluoromethane	ND		8.8	2.3	ug/Kg	01/09/14	JLI	SW8260	
Ethylbenzene	ND		8.8	1.6	ug/Kg	01/09/14	JLI	SW8260	
Hexachlorobutadiene	ND		8.8	1.8	ug/Kg	01/09/14	JLI	SW8260	
Isopropylbenzene	ND		8.8	1.7	ug/Kg	01/09/14	JLI	SW8260	
m&p-Xylene	ND		8.8	3.5	ug/Kg	01/09/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		53	7.6	ug/Kg	01/09/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		18	2.4	ug/Kg	01/09/14	JLI	SW8260	
Methylene chloride	2.7	JS	8.8	1.4	ug/Kg	01/09/14	JLI	SW8260	
Naphthalene	ND		8.8	2.4	ug/Kg	01/09/14	JLI	SW8260	
n-Butylbenzene	ND		8.8	1.6	ug/Kg	01/09/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND	8.8	1.6	ug/Kg	01/09/14	JLI	SW8260	
o-Xylene	ND	8.8	3.4	ug/Kg	01/09/14	JLI	SW8260	
p-Isopropyltoluene	ND	8.8	1.3	ug/Kg	01/09/14	JLI	SW8260	
sec-Butylbenzene	ND	8.8	1.7	ug/Kg	01/09/14	JLI	SW8260	
Styrene	ND	8.8	2.5	ug/Kg	01/09/14	JLI	SW8260	
tert-Butylbenzene	ND	8.8	1.4	ug/Kg	01/09/14	JLI	SW8260	
Tetrachloroethene	59	8.8	1.8	ug/Kg	01/09/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	18	7.9	ug/Kg	01/09/14	JLI	SW8260	1
Toluene	ND	8.8	1.4	ug/Kg	01/09/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	8.8	1.8	ug/Kg	01/09/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	8.8	1.8	ug/Kg	01/09/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	18	16	ug/Kg	01/09/14	JLI	SW8260	
Trichloroethene	ND	8.8	1.9	ug/Kg	01/09/14	JLI	SW8260	
Trichlorofluoromethane	ND	8.8	2.0	ug/Kg	01/09/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	8.8	1.4	ug/Kg	01/09/14	JLI	SW8260	
Vinyl chloride	ND	8.8	2.8	ug/Kg	01/09/14	JLI	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	96			%	01/09/14	JLI	70 - 121 %	
% Bromofluorobenzene	97			%	01/09/14	JLI	59 - 113 %	
% Dibromofluoromethane	105			%	01/09/14	JLI	70 - 130 %	
% Toluene-d8	97			%	01/09/14	JLI	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	310	160	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	310	240	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND	310	160	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND	310	110	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND	2200	310	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	310	180	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	310	210	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND	2200	450	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND	310	280	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	310	180	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	890	210	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND	2200	970	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2200	480	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	310	160	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND	890	210	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B7 10-12

Phoenix I.D.: BF96257

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	2200	150	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	2200	200	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	310	120	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	2200	900	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	890	260	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	2200	890	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	310	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	310	120	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	310	120	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	310	120	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	2200	340	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	310	120	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	310	110	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	310	160	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	310	120	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	310	160	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	310	170	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	310	170	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	310	170	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	310	130	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	310	140	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	310	150	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	310	110	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	110			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	87			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B7 10-12

Phoenix I.D.: BF96257

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	83			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	96			%	01/09/14	DD	23 - 120 %
% Phenol-d5	83			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	83			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

* For Pesticides, the continuing calibration standard recoveries were below criteria for Endrin due to a matrix interference in the samples. Samples were rerun with with similar results. A negative sample bias is suspected.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96258

Project ID: 853 LEXINGTON AVE
Client ID: B7 43-45

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.34		0.34	0.21	mg/Kg	01/09/14	LK	SW6010	
Aluminum	8720		34	6.9	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.4		0.7	0.69	mg/Kg	01/09/14	LK	SW6010	
Barium	36.3		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.45		0.27	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	2720	*	3.4	3.2	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.36		0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	7.09	*	0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	28.9		0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	27.8		0.34	0.27	mg/kg	01/09/14	LK	SW6010	
Iron	35800		34	34	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	947	N	7	2.7	mg/Kg	01/09/14	LK	SW6010	
Magnesium	5950		34	2.1	mg/Kg	01/09/14	LK	SW6010	
Manganese	514	N	3.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Sodium	485	N	7	3.0	mg/Kg	01/09/14	LK	SW6010	
Nickel	29.0	*	0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	4.7		0.7	0.21	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.7		1.7	0.69	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	53.5		0.3	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	31.7		0.7	0.34	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	91				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	92			%	01/09/14	AW	30 - 150 %
% TCMX	73			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	21	21	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	88			%	01/10/14	MH	30 - 150 %
% TCMX	76			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	0.83	ug/Kg	01/09/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.1	1.0	ug/Kg	01/09/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	0.72	ug/Kg	01/09/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.1	0.50	ug/Kg	01/09/14	JLI	SW8260
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	01/09/14	JLI	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B7 43-45

Phoenix I.D.: BF96258

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		5.1	1.1	ug/Kg	01/09/14	JLI	SW8260	
1,1-Dichloropropene	ND		5.1	0.98	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.1	1.0	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.1	0.72	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.1	1.0	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		5.1	0.73	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.1	1.4	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromoethane	ND		5.1	1.3	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.1	0.56	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloroethane	ND		5.1	0.44	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloropropane	ND		5.1	0.72	ug/Kg	01/09/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		5.1	0.67	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.1	0.75	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichloropropane	ND		5.1	0.54	ug/Kg	01/09/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.1	0.80	ug/Kg	01/09/14	JLI	SW8260	
2,2-Dichloropropane	ND		5.1	0.85	ug/Kg	01/09/14	JLI	SW8260	
2-Chlorotoluene	ND		5.1	0.81	ug/Kg	01/09/14	JLI	SW8260	
2-Hexanone	ND		25	2.3	ug/Kg	01/09/14	JLI	SW8260	
2-Isopropyltoluene	ND		5.1	0.70	ug/Kg	01/09/14	JLI	SW8260	1
4-Chlorotoluene	ND		5.1	0.59	ug/Kg	01/09/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	01/09/14	JLI	SW8260	
Acetone	7.4	JS	50	5.0	ug/Kg	01/09/14	JLI	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	01/09/14	JLI	SW8260	
Benzene	ND		5.1	1.0	ug/Kg	01/09/14	JLI	SW8260	
Bromobenzene	ND		5.1	0.66	ug/Kg	01/09/14	JLI	SW8260	
Bromochloromethane	ND		5.1	0.74	ug/Kg	01/09/14	JLI	SW8260	
Bromodichloromethane	ND		5.1	0.63	ug/Kg	01/09/14	JLI	SW8260	
Bromoform	ND		5.1	0.71	ug/Kg	01/09/14	JLI	SW8260	
Bromomethane	ND		5.1	3.9	ug/Kg	01/09/14	JLI	SW8260	
Carbon Disulfide	ND		5.1	0.82	ug/Kg	01/09/14	JLI	SW8260	
Carbon tetrachloride	ND		5.1	0.59	ug/Kg	01/09/14	JLI	SW8260	
Chlorobenzene	ND		5.1	0.75	ug/Kg	01/09/14	JLI	SW8260	
Chloroethane	ND		5.1	1.2	ug/Kg	01/09/14	JLI	SW8260	
Chloroform	ND		5.1	0.92	ug/Kg	01/09/14	JLI	SW8260	
Chloromethane	ND		5.1	2.6	ug/Kg	01/09/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.1	1.1	ug/Kg	01/09/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.1	0.55	ug/Kg	01/09/14	JLI	SW8260	
Dibromochloromethane	ND		5.1	0.57	ug/Kg	01/09/14	JLI	SW8260	
Dibromomethane	ND		5.1	0.64	ug/Kg	01/09/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.1	1.3	ug/Kg	01/09/14	JLI	SW8260	
Ethylbenzene	ND		5.1	0.92	ug/Kg	01/09/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.1	1.1	ug/Kg	01/09/14	JLI	SW8260	
Isopropylbenzene	ND		5.1	0.97	ug/Kg	01/09/14	JLI	SW8260	
m&p-Xylene	ND		5.1	2.0	ug/Kg	01/09/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		30	4.4	ug/Kg	01/09/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	01/09/14	JLI	SW8260	
Methylene chloride	1.3	JS	5.1	0.83	ug/Kg	01/09/14	JLI	SW8260	
Naphthalene	ND		5.1	1.4	ug/Kg	01/09/14	JLI	SW8260	
n-Butylbenzene	ND		5.1	0.92	ug/Kg	01/09/14	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		5.1	0.91	ug/Kg	01/09/14	JLI	SW8260	
o-Xylene	ND		5.1	1.9	ug/Kg	01/09/14	JLI	SW8260	
p-Isopropyltoluene	ND		5.1	0.73	ug/Kg	01/09/14	JLI	SW8260	
sec-Butylbenzene	ND		5.1	0.95	ug/Kg	01/09/14	JLI	SW8260	
Styrene	ND		5.1	1.5	ug/Kg	01/09/14	JLI	SW8260	
tert-Butylbenzene	ND		5.1	0.81	ug/Kg	01/09/14	JLI	SW8260	
Tetrachloroethene	6.7		5.1	1.1	ug/Kg	01/09/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND		10	4.5	ug/Kg	01/09/14	JLI	SW8260	1
Toluene	ND		5.1	0.80	ug/Kg	01/09/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND		5.1	1.0	ug/Kg	01/09/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND		5.1	1.0	ug/Kg	01/09/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.4	ug/Kg	01/09/14	JLI	SW8260	
Trichloroethene	2.5	J	5.1	1.1	ug/Kg	01/09/14	JLI	SW8260	
Trichlorofluoromethane	ND		5.1	1.1	ug/Kg	01/09/14	JLI	SW8260	
Trichlorotrifluoroethane	ND		5.1	0.79	ug/Kg	01/09/14	JLI	SW8260	
Vinyl chloride	ND		5.1	1.6	ug/Kg	01/09/14	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	01/09/14	JLI	70 - 121 %	
% Bromofluorobenzene	96				%	01/09/14	JLI	59 - 113 %	
% Dibromofluoromethane	104				%	01/09/14	JLI	70 - 130 %	
% Toluene-d8	98				%	01/09/14	JLI	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		250	89	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	780	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	

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Client ID: B7 43-45

Phoenix I.D.: BF96258

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	720	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	720	210	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	720	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	92	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	95	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	92	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	250	88	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	101			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	89			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B7 43-45

Phoenix I.D.: BF96258

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	83			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	98			%	01/09/14	DD	23 - 120 %
% Phenol-d5	84			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	94			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96259

Project ID: 853 LEXINGTON AVE
Client ID: B8 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.36		0.36	0.21	mg/Kg	01/09/14	LK	SW6010	
Aluminum	10400		36	7.1	mg/Kg	01/09/14	LK	SW6010	
Arsenic	2.2		0.7	0.71	mg/Kg	01/09/14	LK	SW6010	
Barium	59.1		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.47		0.28	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	58600	*	36	33	mg/Kg	01/09/14	LK	SW6010	
Cadmium	< 0.36		0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	6.79	*	0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	15.9		0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	14.6		0.36	0.28	mg/kg	01/09/14	LK	SW6010	
Iron	12400		36	36	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.09		0.09	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1200	N	7	2.8	mg/Kg	01/09/14	LK	SW6010	
Magnesium	3990		3.6	0.21	mg/Kg	01/09/14	LK	SW6010	
Manganese	133	N	3.6	1.4	mg/Kg	01/09/14	LK	SW6010	
Sodium	531	N	7	3.1	mg/Kg	01/09/14	LK	SW6010	
Nickel	18.1	*	0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	20.3		0.7	0.21	mg/Kg	01/09/14	LK	SW6010	
QC for Mercury	Completed					01/09/14			
QC for ICP	Completed					01/09/14		SW6010	
Antimony	0.7	B	1.8	0.71	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	28.4		0.4	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	13.7		0.7	0.36	mg/Kg	01/09/14	EK	SW6010	B*
Percent Solid	88				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	

Project ID: 853 LEXINGTON AVE
Client ID: B8 0-2

Phoenix I.D.: BF96259

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Soil Extraction for SVOA	Completed				01/08/14	JJ/V	SW3545
Mercury Digestion MS/MSD	Completed				01/09/14		SW7471
Mercury Digestion	Completed				01/09/14	I/I	SW7471
MS/MSD Ext. For PCB	Completed				01/08/14	BB/V	
MS/MSD Ext. for Pesticide	Completed				01/08/14		
MS/MSD Ext. for Semi-Vol.	Completed				01/09/14		
Total Metals Digest MS/MSD	Completed				01/09/14		
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	85			%	01/09/14	AW	30 - 150 %
% TCMX	62			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	36	36	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	78			%	01/10/14	MH	30 - 150 %
% TCMX	64			%	01/10/14	MH	30 - 150 %

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
QC for PCB	Completed					01/09/14	AW		
QC for Pesticides	Completed					01/13/14			
Volatiles									
1,1,1,2-Tetrachloroethane	ND		6.4	1.1	ug/Kg	01/09/14	HM	SW8260	
1,1,1-Trichloroethane	ND		6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND		6.4	0.91	ug/Kg	01/09/14	HM	SW8260	
1,1,2-Trichloroethane	ND		6.4	0.63	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloroethane	ND		6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloroethene	ND		6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloropropene	ND		6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		290	59	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND		290	42	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		290	59	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		290	42	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		290	79	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromoethane	ND		6.4	1.7	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND		290	32	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloroethane	ND		6.4	0.57	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloropropane	ND		6.4	0.91	ug/Kg	01/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		290	39	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND		290	44	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichloropropane	ND		6.4	0.68	ug/Kg	01/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND		290	47	ug/Kg	01/09/14	HM	SW8260	
2,2-Dichloropropane	ND		6.4	1.1	ug/Kg	01/09/14	HM	SW8260	
2-Chlorotoluene	ND		290	47	ug/Kg	01/09/14	HM	SW8260	
2-Hexanone	ND		32	2.9	ug/Kg	01/09/14	HM	SW8260	
2-Isopropyltoluene	ND		290	41	ug/Kg	01/09/14	HM	SW8260	1
4-Chlorotoluene	ND		290	34	ug/Kg	01/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND		32	1.5	ug/Kg	01/09/14	HM	SW8260	
Acetone	22	JS	50	6.4	ug/Kg	01/09/14	HM	SW8260	
Acrylonitrile	ND		13	3.6	ug/Kg	01/09/14	HM	SW8260	
Benzene	ND		6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
Bromobenzene	ND		290	38	ug/Kg	01/09/14	HM	SW8260	
Bromochloromethane	ND		6.4	0.94	ug/Kg	01/09/14	HM	SW8260	
Bromodichloromethane	ND		6.4	0.80	ug/Kg	01/09/14	HM	SW8260	
Bromoform	ND		6.4	0.90	ug/Kg	01/09/14	HM	SW8260	
Bromomethane	ND		6.4	4.9	ug/Kg	01/09/14	HM	SW8260	
Carbon Disulfide	ND		6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
Carbon tetrachloride	ND		6.4	0.74	ug/Kg	01/09/14	HM	SW8260	
Chlorobenzene	ND		6.4	0.95	ug/Kg	01/09/14	HM	SW8260	
Chloroethane	ND		6.4	1.5	ug/Kg	01/09/14	HM	SW8260	
Chloroform	ND		6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
Chloromethane	ND		6.4	3.4	ug/Kg	01/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		6.4	0.69	ug/Kg	01/09/14	HM	SW8260	
Dibromochloromethane	ND		6.4	0.72	ug/Kg	01/09/14	HM	SW8260	
Dibromomethane	ND		6.4	0.81	ug/Kg	01/09/14	HM	SW8260	
Dichlorodifluoromethane	ND		6.4	1.7	ug/Kg	01/09/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Ethylbenzene	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
Hexachlorobutadiene	ND	290	62	ug/Kg	01/09/14	HM	SW8260	
Isopropylbenzene	ND	290	57	ug/Kg	01/09/14	HM	SW8260	
m&p-Xylene	ND	6.4	2.5	ug/Kg	01/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	39	5.6	ug/Kg	01/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	01/09/14	HM	SW8260	
Methylene chloride	ND	6.4	1.1	ug/Kg	01/09/14	HM	SW8260	
Naphthalene	ND	290	79	ug/Kg	01/09/14	HM	SW8260	
n-Butylbenzene	ND	290	54	ug/Kg	01/09/14	HM	SW8260	
n-Propylbenzene	ND	290	53	ug/Kg	01/09/14	HM	SW8260	
o-Xylene	ND	6.4	2.5	ug/Kg	01/09/14	HM	SW8260	
p-Isopropyltoluene	ND	290	42	ug/Kg	01/09/14	HM	SW8260	
sec-Butylbenzene	ND	290	55	ug/Kg	01/09/14	HM	SW8260	
Styrene	ND	6.4	1.8	ug/Kg	01/09/14	HM	SW8260	
tert-Butylbenzene	ND	290	47	ug/Kg	01/09/14	HM	SW8260	
Tetrachloroethene	750	290	62	ug/Kg	01/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	13	5.8	ug/Kg	01/09/14	HM	SW8260	1
Toluene	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	590	550	ug/Kg	01/09/14	HM	SW8260	
Trichloroethene	ND	6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
Trichlorofluoromethane	ND	6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
Vinyl chloride	ND	6.4	2.1	ug/Kg	01/09/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	01/09/14	HM	70 - 121 %	
% Bromofluorobenzene	100			%	01/09/14	HM	59 - 113 %	
% Dibromofluoromethane	88			%	01/09/14	HM	70 - 130 %	
% Toluene-d8	93			%	01/09/14	HM	84 - 138 %	
QC for Volatile					01/10/14	BA		
MS/MSD Volatiles					01/10/14	BA		

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270
1,2-Dichlorobenzene	ND	260	100	ug/Kg	01/08/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	01/08/14	DD	SW 8270
1,3-Dichlorobenzene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270
1,4-Dichlorobenzene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	01/08/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	01/08/14	DD	SW 8270
2,4-Dichlorophenol	ND	260	130	ug/Kg	01/08/14	DD	SW 8270
2,4-Dimethylphenol	ND	260	92	ug/Kg	01/08/14	DD	SW 8270
2,4-Dinitrophenol	ND	1800	260	ug/Kg	01/08/14	DD	SW 8270
2,4-Dinitrotoluene	ND	260	150	ug/Kg	01/08/14	DD	SW 8270
2,6-Dinitrotoluene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270
2-Chloronaphthalene	ND	260	100	ug/Kg	01/08/14	DD	SW 8270
2-Chlorophenol	ND	260	100	ug/Kg	01/08/14	DD	SW 8270

Project ID: 853 LEXINGTON AVE
Client ID: B8 0-2

Phoenix I.D.: BF96259

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	01/08/14	DD	SW 8270	
2-Nitroaniline	ND	1800	370	ug/Kg	01/08/14	DD	SW 8270	
2-Nitrophenol	ND	260	230	ug/Kg	01/08/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	01/08/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	740	170	ug/Kg	01/08/14	DD	SW 8270	
3-Nitroaniline	ND	1800	800	ug/Kg	01/08/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	400	ug/Kg	01/08/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	
4-Chloroaniline	ND	740	170	ug/Kg	01/08/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
4-Nitroaniline	ND	1800	120	ug/Kg	01/08/14	DD	SW 8270	
4-Nitrophenol	ND	1800	170	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Acetophenone	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Aniline	ND	1800	750	ug/Kg	01/08/14	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzidine	ND	740	220	ug/Kg	01/08/14	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Benzoic acid	ND	1800	740	ug/Kg	01/08/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	95	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Carbazole	ND	1800	280	ug/Kg	01/08/14	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Dimethylphthalate	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Di-n-butylphthalate	ND	260	98	ug/Kg	01/08/14	DD	SW 8270	
Di-n-octylphthalate	ND	260	95	ug/Kg	01/08/14	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	01/08/14	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	01/08/14	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B8 0-2

Phoenix I.D.: BF96259

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
N-Nitrosodimethylamine	ND	260	100	ug/Kg	01/08/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/08/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/08/14	DD	SW 8270
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/08/14	DD	SW 8270
Pentachlorophenol	ND	260	140	ug/Kg	01/08/14	DD	SW 8270
Phenanthrene	ND	260	110	ug/Kg	01/08/14	DD	SW 8270
Phenol	ND	260	120	ug/Kg	01/08/14	DD	SW 8270
Pyrene	ND	260	130	ug/Kg	01/08/14	DD	SW 8270
Pyridine	ND	260	91	ug/Kg	01/08/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	64			%	01/08/14	DD	19 - 122 %
% 2-Fluorobiphenyl	85			%	01/08/14	DD	30 - 115 %
% 2-Fluorophenol	69			%	01/08/14	DD	25 - 121 %
% Nitrobenzene-d5	91			%	01/08/14	DD	23 - 120 %
% Phenol-d5	77			%	01/08/14	DD	24 - 113 %
% Terphenyl-d14	91			%	01/08/14	DD	18 - 137 %
QC for Semi-Volatile	Completed				01/09/14		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

8260 Analysis:
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.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96260

Project ID: 853 LEXINGTON AVE
Client ID: B8 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.37		0.37	0.22	mg/Kg	01/09/14	LK	SW6010	
Aluminum	14400		37	7.4	mg/Kg	01/09/14	LK	SW6010	
Arsenic	2.5		0.7	0.74	mg/Kg	01/09/14	LK	SW6010	
Barium	76.3		0.7	0.15	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.78		0.29	0.15	mg/Kg	01/09/14	LK	SW6010	
Calcium	1590	*	3.7	3.4	mg/Kg	01/09/14	LK	SW6010	
Cadmium	< 0.37		0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Cobalt	8.22	*	0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Chromium	43.3		0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Copper	28.9		0.37	0.29	mg/kg	01/09/14	LK	SW6010	
Iron	33300		37	37	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.09		0.09	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	2030	N	7	2.9	mg/Kg	01/09/14	LK	SW6010	
Magnesium	5220		3.7	0.22	mg/Kg	01/09/14	LK	SW6010	
Manganese	310	N	3.7	1.5	mg/Kg	01/09/14	LK	SW6010	
Sodium	141	N	7	3.2	mg/Kg	01/09/14	LK	SW6010	
Nickel	21.8	*	0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Lead	9.4		0.7	0.22	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.8		1.8	0.74	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.5		1.5	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.5		1.5	1.5	mg/Kg	01/09/14	LK	SW6010	
Vanadium	51.3		0.4	0.15	mg/Kg	01/09/14	LK	SW6010	
Zinc	58.0		0.7	0.37	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	80				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	80			%	01/09/14	AW	30 - 150 %
% TCMX	66			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.9	2.9	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.9	2.9	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.9	2.9	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	24	24	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	8.1	8.1	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	39	39	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	80			%	01/10/14	MH	30 - 150 %
% TCMX	70			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	1.7	ug/Kg	01/09/14	JLI	SW8260
1,1,1-Trichloroethane	ND	10	2.0	ug/Kg	01/09/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	10	1.4	ug/Kg	01/09/14	JLI	SW8260
1,1,2-Trichloroethane	ND	10	0.99	ug/Kg	01/09/14	JLI	SW8260
1,1-Dichloroethane	ND	10	2.0	ug/Kg	01/09/14	JLI	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B8 10-12

Phoenix I.D.: BF96260

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		10	2.2	ug/Kg	01/09/14	JLI	SW8260	
1,1-Dichloropropene	ND		10	2.0	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		10	2.0	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		10	1.4	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		10	2.0	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		10	1.4	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		10	2.7	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromoethane	ND		10	2.7	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		10	1.1	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloroethane	ND		10	0.89	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloropropane	ND		10	1.4	ug/Kg	01/09/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		10	1.3	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		10	1.5	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichloropropane	ND		10	1.1	ug/Kg	01/09/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		10	1.6	ug/Kg	01/09/14	JLI	SW8260	
2,2-Dichloropropane	ND		10	1.7	ug/Kg	01/09/14	JLI	SW8260	
2-Chlorotoluene	ND		10	1.6	ug/Kg	01/09/14	JLI	SW8260	
2-Hexanone	ND		50	4.5	ug/Kg	01/09/14	JLI	SW8260	
2-Isopropyltoluene	ND		10	1.4	ug/Kg	01/09/14	JLI	SW8260	1
4-Chlorotoluene	ND		10	1.2	ug/Kg	01/09/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		50	2.4	ug/Kg	01/09/14	JLI	SW8260	
Acetone	29	JS	50	10	ug/Kg	01/09/14	JLI	SW8260	
Acrylonitrile	ND		20	5.7	ug/Kg	01/09/14	JLI	SW8260	
Benzene	ND		10	2.0	ug/Kg	01/09/14	JLI	SW8260	
Bromobenzene	ND		10	1.3	ug/Kg	01/09/14	JLI	SW8260	
Bromochloromethane	ND		10	1.5	ug/Kg	01/09/14	JLI	SW8260	
Bromodichloromethane	ND		10	1.2	ug/Kg	01/09/14	JLI	SW8260	
Bromoform	ND		10	1.4	ug/Kg	01/09/14	JLI	SW8260	
Bromomethane	ND		10	7.7	ug/Kg	01/09/14	JLI	SW8260	
Carbon Disulfide	ND		10	1.6	ug/Kg	01/09/14	JLI	SW8260	
Carbon tetrachloride	ND		10	1.2	ug/Kg	01/09/14	JLI	SW8260	
Chlorobenzene	ND		10	1.5	ug/Kg	01/09/14	JLI	SW8260	
Chloroethane	ND		10	2.4	ug/Kg	01/09/14	JLI	SW8260	
Chloroform	ND		10	1.8	ug/Kg	01/09/14	JLI	SW8260	
Chloromethane	ND		10	5.3	ug/Kg	01/09/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		10	2.2	ug/Kg	01/09/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		10	1.1	ug/Kg	01/09/14	JLI	SW8260	
Dibromochloromethane	ND		10	1.1	ug/Kg	01/09/14	JLI	SW8260	
Dibromomethane	ND		10	1.3	ug/Kg	01/09/14	JLI	SW8260	
Dichlorodifluoromethane	ND		10	2.7	ug/Kg	01/09/14	JLI	SW8260	
Ethylbenzene	ND		10	1.8	ug/Kg	01/09/14	JLI	SW8260	
Hexachlorobutadiene	ND		10	2.1	ug/Kg	01/09/14	JLI	SW8260	
Isopropylbenzene	ND		10	1.9	ug/Kg	01/09/14	JLI	SW8260	
m&p-Xylene	ND		10	4.0	ug/Kg	01/09/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		60	8.7	ug/Kg	01/09/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		20	2.8	ug/Kg	01/09/14	JLI	SW8260	
Methylene chloride	1.8	JS	10	1.7	ug/Kg	01/09/14	JLI	SW8260	
Naphthalene	ND		10	2.7	ug/Kg	01/09/14	JLI	SW8260	
n-Butylbenzene	ND		10	1.8	ug/Kg	01/09/14	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		10	1.8	ug/Kg	01/09/14	JLI	SW8260	
o-Xylene	ND		10	3.8	ug/Kg	01/09/14	JLI	SW8260	
p-Isopropyltoluene	ND		10	1.4	ug/Kg	01/09/14	JLI	SW8260	
sec-Butylbenzene	ND		10	1.9	ug/Kg	01/09/14	JLI	SW8260	
Styrene	ND		10	2.9	ug/Kg	01/09/14	JLI	SW8260	
tert-Butylbenzene	ND		10	1.6	ug/Kg	01/09/14	JLI	SW8260	
Tetrachloroethene	97	J	330	70	ug/Kg	01/11/14	JLI	SW8260	
Tetrahydrofuran (THF)	11	J	20	9.1	ug/Kg	01/09/14	JLI	SW8260	1
Toluene	ND		10	1.6	ug/Kg	01/09/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND		10	2.0	ug/Kg	01/09/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND		10	2.1	ug/Kg	01/09/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		20	19	ug/Kg	01/09/14	JLI	SW8260	
Trichloroethene	ND		10	2.1	ug/Kg	01/09/14	JLI	SW8260	
Trichlorofluoromethane	ND		10	2.2	ug/Kg	01/09/14	JLI	SW8260	
Trichlorotrifluoroethane	ND		10	1.6	ug/Kg	01/09/14	JLI	SW8260	
Vinyl chloride	ND		10	3.3	ug/Kg	01/09/14	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/09/14	JLI	70 - 121 %	
% Bromofluorobenzene	91				%	01/09/14	JLI	59 - 113 %	
% Dibromofluoromethane	103				%	01/09/14	JLI	70 - 130 %	
% Toluene-d8	96				%	01/09/14	JLI	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		290	140	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		290	130	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		290	220	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		290	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		290	140	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		290	100	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		2000	290	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		290	160	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		290	130	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		290	190	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		2000	410	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		290	260	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		290	160	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		820	190	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		2000	890	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		2000	440	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		290	120	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		290	140	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		820	190	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		290	140	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B8 10-12

Phoenix I.D.: BF96260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	2000	140	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	2000	180	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	2000	820	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	820	240	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	2000	820	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	2000	310	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	290	150	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	290	150	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	290	150	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	290	100	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	110			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	79			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B8 10-12

Phoenix I.D.: BF96260

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	79			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	91			%	01/09/14	DD	23 - 120 %
% Phenol-d5	81			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	65			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96261

Project ID: 853 LEXINGTON AVE
Client ID: B8 43-45

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.35		0.35	0.21	mg/Kg	01/09/14	LK	SW6010	
Aluminum	3420		35	7.1	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.3		0.7	0.71	mg/Kg	01/09/14	LK	SW6010	
Barium	20.4		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.24	B	0.28	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	1410	*	3.5	3.3	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.18	B	0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	4.17	*	0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	14.6		0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	11.6		0.35	0.28	mg/kg	01/09/14	LK	SW6010	
Iron	12000		35	35	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.08		0.08	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	744	N	7	2.8	mg/Kg	01/09/14	LK	SW6010	
Magnesium	3960		3.5	0.21	mg/Kg	01/09/14	LK	SW6010	
Manganese	238	N	3.5	1.4	mg/Kg	01/09/14	LK	SW6010	
Sodium	135	N	7	3.0	mg/Kg	01/09/14	LK	SW6010	
Nickel	35.3	*	0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	3.6		0.7	0.21	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.8		1.8	0.71	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	16.3		0.4	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	20.6		0.7	0.35	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	93				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	35	35	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	83			%	01/09/14	AW	30 - 150 %
% TCMX	66			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.5	2.5	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.5	2.5	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.5	2.5	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	21	21	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.5	3.5	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.0	7.0	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	79			%	01/10/14	MH	30 - 150 %
% TCMX	66			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.7	0.78	ug/Kg	01/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	4.7	0.95	ug/Kg	01/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	4.7	0.67	ug/Kg	01/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	4.7	0.46	ug/Kg	01/09/14	HM	SW8260
1,1-Dichloroethane	ND	4.7	0.94	ug/Kg	01/09/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B8 43-45

Phoenix I.D.: BF96261

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		4.7	1.0	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloropropene	ND		4.7	0.92	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		4.7	0.95	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND		4.7	0.67	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		4.7	0.95	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		4.7	0.68	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		4.7	1.3	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromoethane	ND		4.7	1.3	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND		4.7	0.52	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloroethane	ND		4.7	0.42	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloropropane	ND		4.7	0.67	ug/Kg	01/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		4.7	0.62	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND		4.7	0.70	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichloropropane	ND		4.7	0.50	ug/Kg	01/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND		4.7	0.75	ug/Kg	01/09/14	HM	SW8260	
2,2-Dichloropropane	ND		4.7	0.79	ug/Kg	01/09/14	HM	SW8260	
2-Chlorotoluene	ND		4.7	0.76	ug/Kg	01/09/14	HM	SW8260	
2-Hexanone	ND		24	2.1	ug/Kg	01/09/14	HM	SW8260	
2-Isopropyltoluene	ND		4.7	0.65	ug/Kg	01/09/14	HM	SW8260	1
4-Chlorotoluene	ND		4.7	0.55	ug/Kg	01/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND		24	1.1	ug/Kg	01/09/14	HM	SW8260	
Acetone	7.8	JS	47	4.7	ug/Kg	01/09/14	HM	SW8260	
Acrylonitrile	ND		9.5	2.7	ug/Kg	01/09/14	HM	SW8260	
Benzene	ND		4.7	0.94	ug/Kg	01/09/14	HM	SW8260	
Bromobenzene	ND		4.7	0.62	ug/Kg	01/09/14	HM	SW8260	
Bromochloromethane	ND		4.7	0.69	ug/Kg	01/09/14	HM	SW8260	
Bromodichloromethane	ND		4.7	0.59	ug/Kg	01/09/14	HM	SW8260	
Bromoform	ND		4.7	0.66	ug/Kg	01/09/14	HM	SW8260	
Bromomethane	ND		4.7	3.6	ug/Kg	01/09/14	HM	SW8260	
Carbon Disulfide	ND		4.7	0.77	ug/Kg	01/09/14	HM	SW8260	
Carbon tetrachloride	ND		4.7	0.55	ug/Kg	01/09/14	HM	SW8260	
Chlorobenzene	ND		4.7	0.70	ug/Kg	01/09/14	HM	SW8260	
Chloroethane	ND		4.7	1.1	ug/Kg	01/09/14	HM	SW8260	
Chloroform	ND		4.7	0.86	ug/Kg	01/09/14	HM	SW8260	
Chloromethane	ND		4.7	2.5	ug/Kg	01/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		4.7	1.0	ug/Kg	01/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		4.7	0.51	ug/Kg	01/09/14	HM	SW8260	
Dibromochloromethane	ND		4.7	0.53	ug/Kg	01/09/14	HM	SW8260	
Dibromomethane	ND		4.7	0.60	ug/Kg	01/09/14	HM	SW8260	
Dichlorodifluoromethane	ND		4.7	1.3	ug/Kg	01/09/14	HM	SW8260	
Ethylbenzene	ND		4.7	0.86	ug/Kg	01/09/14	HM	SW8260	
Hexachlorobutadiene	ND		4.7	0.99	ug/Kg	01/09/14	HM	SW8260	
Isopropylbenzene	ND		4.7	0.91	ug/Kg	01/09/14	HM	SW8260	
m&p-Xylene	ND		4.7	1.9	ug/Kg	01/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND		28	4.1	ug/Kg	01/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		9.5	1.3	ug/Kg	01/09/14	HM	SW8260	
Methylene chloride	1.4	JS	4.7	0.78	ug/Kg	01/09/14	HM	SW8260	
Naphthalene	ND		4.7	1.3	ug/Kg	01/09/14	HM	SW8260	
n-Butylbenzene	ND		4.7	0.86	ug/Kg	01/09/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		4.7	0.85	ug/Kg	01/09/14	HM	SW8260	
o-Xylene	ND		4.7	1.8	ug/Kg	01/09/14	HM	SW8260	
p-Isopropyltoluene	ND		4.7	0.68	ug/Kg	01/09/14	HM	SW8260	
sec-Butylbenzene	ND		4.7	0.89	ug/Kg	01/09/14	HM	SW8260	
Styrene	ND		4.7	1.4	ug/Kg	01/09/14	HM	SW8260	
tert-Butylbenzene	ND		4.7	0.76	ug/Kg	01/09/14	HM	SW8260	
Tetrachloroethene	13		4.7	0.99	ug/Kg	01/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		9.5	4.3	ug/Kg	01/09/14	HM	SW8260	1
Toluene	ND		4.7	0.75	ug/Kg	01/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		4.7	0.95	ug/Kg	01/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		4.7	0.97	ug/Kg	01/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		9.5	8.8	ug/Kg	01/09/14	HM	SW8260	
Trichloroethene	4.6	J	4.7	1.0	ug/Kg	01/09/14	HM	SW8260	
Trichlorofluoromethane	ND		4.7	1.1	ug/Kg	01/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND		4.7	0.74	ug/Kg	01/09/14	HM	SW8260	
Vinyl chloride	ND		4.7	1.5	ug/Kg	01/09/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	01/09/14	HM	70 - 121 %	
% Bromofluorobenzene	97				%	01/09/14	HM	59 - 113 %	
% Dibromofluoromethane	101				%	01/09/14	HM	70 - 130 %	
% Toluene-d8	98				%	01/09/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	99	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	190	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		250	87	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	360	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		250	220	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		700	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	770	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	380	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		700	160	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	

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Phoenix I.D.: BF96261

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	250	99	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	710	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	700	210	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	700	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	91	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	97	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	95	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	98	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	94	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	91	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	250	99	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	99	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	250	87	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	101			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	88			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96261

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	81			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	95			%	01/09/14	DD	23 - 120 %
% Phenol-d5	82			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	86			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96262

Project ID: 853 LEXINGTON AVE
Client ID: B9 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.36		0.36	0.21	mg/Kg	01/09/14	LK	SW6010	
Aluminum	11200		36	7.1	mg/Kg	01/09/14	LK	SW6010	
Arsenic	3.1		0.7	0.71	mg/Kg	01/09/14	LK	SW6010	
Barium	67.3		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.47		0.28	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	4020	*	3.6	3.3	mg/Kg	01/09/14	LK	SW6010	
Cadmium	< 0.36		0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	5.43	*	0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	20.7		0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	19.7		0.36	0.28	mg/kg	01/09/14	LK	SW6010	
Iron	18700		36	36	mg/Kg	01/09/14	LK	SW6010	
Mercury	0.25		0.08	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1360	N	7	2.8	mg/Kg	01/09/14	LK	SW6010	
Magnesium	2870		3.6	0.21	mg/Kg	01/09/14	LK	SW6010	
Manganese	308	N	3.6	1.4	mg/Kg	01/09/14	LK	SW6010	
Sodium	126	N	7	3.1	mg/Kg	01/09/14	LK	SW6010	
Nickel	14.0	*	0.36	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	62.5		0.7	0.21	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.8		1.8	0.71	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	27.1		0.4	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	54.3		0.7	0.36	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	89				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96262

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	77			%	01/09/14	AW	30 - 150 %
% TCMX	61			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	65			%	01/10/14	MH	30 - 150 %
% TCMX	57			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.1	1.0	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.1	1.2	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.1	0.86	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.1	0.59	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	6.1	1.2	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96262

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		6.1	1.3	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		6.1	1.2	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		6.1	1.2	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		6.1	0.86	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		6.1	1.2	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		6.1	0.87	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		6.1	1.6	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		6.1	1.6	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		6.1	0.67	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		6.1	0.53	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		6.1	0.86	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		6.1	0.80	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		6.1	0.90	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		6.1	0.64	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		6.1	0.96	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		6.1	1.0	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		6.1	0.97	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		30	2.7	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		6.1	0.84	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		6.1	0.70	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		30	1.4	ug/Kg	01/10/14	HM	SW8260	
Acetone	140	S	50	6.0	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		12	3.4	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		6.1	1.2	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		6.1	0.79	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		6.1	0.89	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		6.1	0.75	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		6.1	0.85	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		6.1	4.7	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		6.1	0.98	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		6.1	0.70	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		6.1	0.90	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		6.1	1.4	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		6.1	1.1	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		6.1	3.2	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		6.1	1.3	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		6.1	0.66	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		6.1	0.68	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		6.1	0.76	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		6.1	1.6	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		6.1	1.1	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		6.1	1.3	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		6.1	1.2	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		6.1	2.4	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		36	5.3	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		12	1.7	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND		6.1	1.0	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		6.1	1.6	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		6.1	1.1	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		6.1	1.1	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		6.1	2.3	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		6.1	0.87	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		6.1	1.1	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		6.1	1.7	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		6.1	0.97	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	22		6.1	1.3	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		12	5.5	ug/Kg	01/10/14	HM	SW8260	1
Toluene	1.0	J	6.1	0.96	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		6.1	1.2	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		6.1	1.2	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		12	11	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	7.1		6.1	1.3	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		6.1	1.3	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		6.1	0.95	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		6.1	2.0	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	91				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	101				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	93	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		750	180	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		750	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B9 0-2

Phoenix I.D.: BF96262

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND		1900	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND		1900	170	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND		1900	760	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	140	J	260	130	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND		750	220	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	140	J	260	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND		1900	750	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	97	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND		1900	280	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	150	J	260	130	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND		260	99	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND		260	97	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	240	J	260	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	150	J	260	110	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	260		260	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND		260	92	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	90				%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	82				%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B9 0-2

Phoenix I.D.: BF96262

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	75			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	88			%	01/09/14	DD	23 - 120 %
% Phenol-d5	76			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	90			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96263

Project ID: 853 LEXINGTON AVE
Client ID: B9 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.33		0.33	0.20	mg/Kg	01/09/14	LK	SW6010	
Aluminum	9340		33	6.6	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.7		0.7	0.66	mg/Kg	01/09/14	LK	SW6010	
Barium	64.4		0.7	0.13	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.46		0.26	0.13	mg/Kg	01/09/14	LK	SW6010	
Calcium	828	*	3.3	3.0	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.19	B	0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Cobalt	5.85	*	0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Chromium	24.7		0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Copper	17.0		0.33	0.26	mg/kg	01/09/14	LK	SW6010	
Iron	27000		33	33	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1400	N	7	2.6	mg/Kg	01/09/14	LK	SW6010	
Magnesium	2520		3.3	0.20	mg/Kg	01/09/14	LK	SW6010	
Manganese	421	N	3.3	1.3	mg/Kg	01/09/14	LK	SW6010	
Sodium	72	N	7	2.8	mg/Kg	01/09/14	LK	SW6010	
Nickel	13.6	*	0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Lead	4.8		0.7	0.20	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.7		1.7	0.66	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.3		1.3	1.1	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.3		1.3	1.3	mg/Kg	01/09/14	LK	SW6010	
Vanadium	31.3		0.3	0.13	mg/Kg	01/09/14	LK	SW6010	
Zinc	27.8		0.7	0.33	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	90				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	94			%	01/09/14	AW	30 - 150 %
% TCMX	74			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	01/10/14	MH	30 - 150 %
% TCMX	75			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.4	0.91	ug/Kg	01/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.4	0.63	ug/Kg	01/09/14	HM	SW8260
1,1-Dichloroethane	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B9 10-12

Phoenix I.D.: BF96263

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
1,1-Dichloropropene	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	6.4	0.91	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	6.4	0.92	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.4	1.7	ug/Kg	01/09/14	HM	SW8260	
1,2-Dibromoethane	ND	6.4	1.7	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	6.4	0.70	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloroethane	ND	6.4	0.56	ug/Kg	01/09/14	HM	SW8260	
1,2-Dichloropropane	ND	6.4	0.91	ug/Kg	01/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	6.4	0.84	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	6.4	0.95	ug/Kg	01/09/14	HM	SW8260	
1,3-Dichloropropane	ND	6.4	0.68	ug/Kg	01/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
2,2-Dichloropropane	ND	6.4	1.1	ug/Kg	01/09/14	HM	SW8260	
2-Chlorotoluene	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
2-Hexanone	ND	32	2.9	ug/Kg	01/09/14	HM	SW8260	
2-Isopropyltoluene	ND	6.4	0.88	ug/Kg	01/09/14	HM	SW8260	1
4-Chlorotoluene	ND	6.4	0.74	ug/Kg	01/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	32	1.5	ug/Kg	01/09/14	HM	SW8260	
Acetone	ND	50	6.4	ug/Kg	01/09/14	HM	SW8260	
Acrylonitrile	ND	13	3.6	ug/Kg	01/09/14	HM	SW8260	
Benzene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
Bromobenzene	ND	6.4	0.83	ug/Kg	01/09/14	HM	SW8260	
Bromochloromethane	ND	6.4	0.93	ug/Kg	01/09/14	HM	SW8260	
Bromodichloromethane	ND	6.4	0.79	ug/Kg	01/09/14	HM	SW8260	
Bromoform	ND	6.4	0.89	ug/Kg	01/09/14	HM	SW8260	
Bromomethane	ND	6.4	4.9	ug/Kg	01/09/14	HM	SW8260	
Carbon Disulfide	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
Carbon tetrachloride	ND	6.4	0.74	ug/Kg	01/09/14	HM	SW8260	
Chlorobenzene	ND	6.4	0.95	ug/Kg	01/09/14	HM	SW8260	
Chloroethane	ND	6.4	1.5	ug/Kg	01/09/14	HM	SW8260	
Chloroform	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
Chloromethane	ND	6.4	3.3	ug/Kg	01/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	6.4	0.69	ug/Kg	01/09/14	HM	SW8260	
Dibromochloromethane	ND	6.4	0.72	ug/Kg	01/09/14	HM	SW8260	
Dibromomethane	ND	6.4	0.81	ug/Kg	01/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	6.4	1.7	ug/Kg	01/09/14	HM	SW8260	
Ethylbenzene	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
Hexachlorobutadiene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
Isopropylbenzene	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
m&p-Xylene	ND	6.4	2.5	ug/Kg	01/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	38	5.5	ug/Kg	01/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	01/09/14	HM	SW8260	
Methylene chloride	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
Naphthalene	ND	6.4	1.7	ug/Kg	01/09/14	HM	SW8260	
n-Butylbenzene	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
o-Xylene	ND	6.4	2.4	ug/Kg	01/09/14	HM	SW8260	
p-Isopropyltoluene	ND	6.4	0.92	ug/Kg	01/09/14	HM	SW8260	
sec-Butylbenzene	ND	6.4	1.2	ug/Kg	01/09/14	HM	SW8260	
Styrene	ND	6.4	1.8	ug/Kg	01/09/14	HM	SW8260	
tert-Butylbenzene	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
Tetrachloroethene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	13	5.8	ug/Kg	01/09/14	HM	SW8260	1
Toluene	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	6.4	1.3	ug/Kg	01/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	13	12	ug/Kg	01/09/14	HM	SW8260	
Trichloroethene	ND	6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
Trichlorofluoromethane	ND	6.4	1.4	ug/Kg	01/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND	6.4	1.0	ug/Kg	01/09/14	HM	SW8260	
Vinyl chloride	ND	6.4	2.1	ug/Kg	01/09/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	01/09/14	HM	70 - 121 %	
% Bromofluorobenzene	96			%	01/09/14	HM	59 - 113 %	
% Dibromofluoromethane	107			%	01/09/14	HM	70 - 130 %	
% Toluene-d8	97			%	01/09/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	90	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND	1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND	250	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND	1800	790	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND	730	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B9 10-12

Phoenix I.D.: BF96263

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	730	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	730	210	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	730	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	94	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	280	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	97	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	94	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	250	89	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	91			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	82			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B9 10-12

Phoenix I.D.: BF96263

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	73			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	90			%	01/09/14	DD	23 - 120 %
% Phenol-d5	76			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	95			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96264

Project ID: 853 LEXINGTON AVE
Client ID: B9 43-45

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.35		0.35	0.21	mg/Kg	01/09/14	LK	SW6010	
Aluminum	3680		35	6.9	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.4		0.7	0.69	mg/Kg	01/09/14	LK	SW6010	
Barium	28.8		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.32		0.28	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	1220	*	3.5	3.2	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.40		0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	4.03	*	0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	11.8		0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	15.8		0.35	0.28	mg/kg	01/09/14	LK	SW6010	
Iron	28000		35	35	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.06		0.06	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	627	N	7	2.7	mg/Kg	01/09/14	LK	SW6010	
Magnesium	2600		3.5	0.21	mg/Kg	01/09/14	LK	SW6010	
Manganese	493	N	3.5	1.4	mg/Kg	01/09/14	LK	SW6010	
Sodium	107	N	7	3.0	mg/Kg	01/09/14	LK	SW6010	
Nickel	22.1	*	0.35	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	3.2		0.7	0.21	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.7		1.7	0.69	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	25.5		0.3	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	18.8		0.7	0.35	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	90				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B9 43-45

Phoenix I.D.: BF96264

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	96			%	01/09/14	AW	30 - 150 %
% TCMX	77			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	01/10/14	MH	30 - 150 %
% TCMX	73			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.6	1.1	ug/Kg	01/09/14	JLI	SW8260
1,1,1-Trichloroethane	ND	6.6	1.3	ug/Kg	01/09/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	6.6	0.93	ug/Kg	01/09/14	JLI	SW8260
1,1,2-Trichloroethane	ND	6.6	0.64	ug/Kg	01/09/14	JLI	SW8260
1,1-Dichloroethane	ND	6.6	1.3	ug/Kg	01/09/14	JLI	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B9 43-45

Phoenix I.D.: BF96264

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	6.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
1,1-Dichloropropene	ND	6.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	6.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	6.6	0.93	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	6.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	6.6	0.94	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.6	1.8	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dibromoethane	ND	6.6	1.7	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	6.6	0.72	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloroethane	ND	6.6	0.58	ug/Kg	01/09/14	JLI	SW8260	
1,2-Dichloropropane	ND	6.6	0.93	ug/Kg	01/09/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	6.6	0.87	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	6.6	0.97	ug/Kg	01/09/14	JLI	SW8260	
1,3-Dichloropropane	ND	6.6	0.69	ug/Kg	01/09/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	6.6	1.0	ug/Kg	01/09/14	JLI	SW8260	
2,2-Dichloropropane	ND	6.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
2-Chlorotoluene	ND	6.6	1.0	ug/Kg	01/09/14	JLI	SW8260	
2-Hexanone	ND	33	3.0	ug/Kg	01/09/14	JLI	SW8260	
2-Isopropyltoluene	ND	6.6	0.90	ug/Kg	01/09/14	JLI	SW8260	1
4-Chlorotoluene	ND	6.6	0.76	ug/Kg	01/09/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	33	1.6	ug/Kg	01/09/14	JLI	SW8260	
Acetone	ND	50	6.5	ug/Kg	01/09/14	JLI	SW8260	
Acrylonitrile	ND	13	3.7	ug/Kg	01/09/14	JLI	SW8260	
Benzene	ND	6.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
Bromobenzene	ND	6.6	0.85	ug/Kg	01/09/14	JLI	SW8260	
Bromochloromethane	ND	6.6	0.96	ug/Kg	01/09/14	JLI	SW8260	
Bromodichloromethane	ND	6.6	0.81	ug/Kg	01/09/14	JLI	SW8260	
Bromoform	ND	6.6	0.92	ug/Kg	01/09/14	JLI	SW8260	
Bromomethane	ND	6.6	5.0	ug/Kg	01/09/14	JLI	SW8260	
Carbon Disulfide	ND	6.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
Carbon tetrachloride	ND	6.6	0.76	ug/Kg	01/09/14	JLI	SW8260	
Chlorobenzene	ND	6.6	0.97	ug/Kg	01/09/14	JLI	SW8260	
Chloroethane	ND	6.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
Chloroform	ND	6.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
Chloromethane	ND	6.6	3.4	ug/Kg	01/09/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	6.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	6.6	0.71	ug/Kg	01/09/14	JLI	SW8260	
Dibromochloromethane	ND	6.6	0.73	ug/Kg	01/09/14	JLI	SW8260	
Dibromomethane	ND	6.6	0.83	ug/Kg	01/09/14	JLI	SW8260	
Dichlorodifluoromethane	ND	6.6	1.7	ug/Kg	01/09/14	JLI	SW8260	
Ethylbenzene	ND	6.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
Hexachlorobutadiene	ND	6.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
Isopropylbenzene	ND	6.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
m&p-Xylene	ND	6.6	2.6	ug/Kg	01/09/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	39	5.7	ug/Kg	01/09/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	01/09/14	JLI	SW8260	
Methylene chloride	ND	6.6	1.1	ug/Kg	01/09/14	JLI	SW8260	
Naphthalene	ND	6.6	1.8	ug/Kg	01/09/14	JLI	SW8260	
n-Butylbenzene	ND	6.6	1.2	ug/Kg	01/09/14	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		6.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
o-Xylene	ND		6.6	2.5	ug/Kg	01/09/14	JLI	SW8260	
p-Isopropyltoluene	ND		6.6	0.94	ug/Kg	01/09/14	JLI	SW8260	
sec-Butylbenzene	ND		6.6	1.2	ug/Kg	01/09/14	JLI	SW8260	
Styrene	ND		6.6	1.9	ug/Kg	01/09/14	JLI	SW8260	
tert-Butylbenzene	ND		6.6	1.0	ug/Kg	01/09/14	JLI	SW8260	
Tetrachloroethene	3.7	J	6.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
Tetrahydrofuran (THF)	13	J	13	5.9	ug/Kg	01/09/14	JLI	SW8260	1
Toluene	ND		6.6	1.0	ug/Kg	01/09/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND		6.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND		6.6	1.3	ug/Kg	01/09/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	01/09/14	JLI	SW8260	
Trichloroethene	1.8	J	6.6	1.4	ug/Kg	01/09/14	JLI	SW8260	
Trichlorofluoromethane	ND		6.6	1.5	ug/Kg	01/09/14	JLI	SW8260	
Trichlorotrifluoroethane	ND		6.6	1.0	ug/Kg	01/09/14	JLI	SW8260	
Vinyl chloride	ND		6.6	2.1	ug/Kg	01/09/14	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	01/09/14	JLI	70 - 121 %	
% Bromofluorobenzene	97				%	01/09/14	JLI	59 - 113 %	
% Dibromofluoromethane	104				%	01/09/14	JLI	70 - 130 %	
% Toluene-d8	98				%	01/09/14	JLI	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	91	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	800	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	400	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B9 43-45

Phoenix I.D.: BF96264

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	170	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	740	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	730	220	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	730	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	95	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	280	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	260	98	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	260	95	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	260	90	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	101			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	83			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B9 43-45

Phoenix I.D.: BF96264

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	81			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	92			%	01/09/14	DD	23 - 120 %
% Phenol-d5	81			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	91			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96265

Project ID: 853 LEXINGTON AVE
Client ID: B10 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.39		0.39	0.23	mg/Kg	01/09/14	LK	SW6010	
Aluminum	10300		39	7.8	mg/Kg	01/09/14	LK	SW6010	
Arsenic	6.7		0.8	0.78	mg/Kg	01/09/14	LK	SW6010	
Barium	53.6		0.8	0.16	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.45		0.31	0.16	mg/Kg	01/09/14	LK	SW6010	
Calcium	54600	*	39	36	mg/Kg	01/09/14	LK	SW6010	
Cadmium	< 0.39		0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Cobalt	4.47	*	0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Chromium	13.6		0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Copper	14.1		0.39	0.31	mg/kg	01/09/14	LK	SW6010	
Iron	14000		39	39	mg/Kg	01/09/14	LK	SW6010	
Mercury	0.15		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1150	N	8	3.1	mg/Kg	01/09/14	LK	SW6010	
Magnesium	5450		3.9	0.23	mg/Kg	01/09/14	LK	SW6010	
Manganese	389	N	3.9	1.6	mg/Kg	01/09/14	LK	SW6010	
Sodium	210	N	8	3.4	mg/Kg	01/09/14	LK	SW6010	
Nickel	11.9	*	0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Lead	43.8		0.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 2.0		2.0	0.78	mg/Kg	01/09/14	LK	SW6010	
Selenium	4.5		1.6	1.3	mg/Kg	01/10/14	LK	SW6010	
Thallium	< 1.6		1.6	1.6	mg/Kg	01/09/14	LK	SW6010	
Vanadium	22.6		0.4	0.16	mg/Kg	01/09/14	LK	SW6010	
Zinc	42.4		0.8	0.39	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	84				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B10 0-2

Phoenix I.D.: BF96265

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	40	40	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	94			%	01/09/14	AW	30 - 150 %
% TCMX	72			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.8	2.8	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.8	2.8	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.8	2.8	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	24	24	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	4.0	4.0	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.9	7.9	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	38	38	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	89			%	01/10/14	MH	30 - 150 %
% TCMX	72			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	1.7	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	10	2.0	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	10	1.5	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	10	1.0	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	10	2.0	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B10 0-2

Phoenix I.D.: BF96265

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		10	2.2	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		10	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		10	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		10	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		10	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		10	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		10	2.7	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		10	2.7	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		10	1.1	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		10	0.90	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		10	1.5	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		10	1.4	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		10	1.5	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		10	1.1	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		10	1.6	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		10	1.7	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		10	1.6	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		51	4.6	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		10	1.4	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		10	1.2	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		51	2.4	ug/Kg	01/10/14	HM	SW8260	
Acetone	210	S	50	10	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		20	5.8	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		10	2.0	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		10	1.3	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		10	1.5	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		10	1.3	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		10	1.4	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		10	7.9	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		10	1.7	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		10	1.2	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		10	1.5	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		10	2.4	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		10	1.9	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		10	5.4	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		10	2.2	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		10	1.1	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		10	1.1	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		10	1.3	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		10	2.7	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		10	1.9	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		10	2.2	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		10	2.0	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		10	4.0	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		61	8.9	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		20	2.8	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND		10	1.7	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		10	2.7	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		10	1.9	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		10	1.8	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		10	3.9	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		10	1.5	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		10	1.9	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		10	2.9	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		10	1.6	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	1200		300	62	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	24		20	9.2	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND		10	1.6	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		10	2.0	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		10	2.1	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		20	19	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	5.0	J	10	2.2	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		10	2.3	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		10	1.6	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		10	3.3	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	105				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	91				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	97				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	98				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		270	140	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		270	130	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		270	140	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		270	96	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	270	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		270	150	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1900	390	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		270	240	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		770	180	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1900	840	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	420	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		270	140	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		770	180	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B10 0-2

Phoenix I.D.: BF96265

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1900	130	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1900	170	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1900	780	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	770	230	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1900	770	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1900	290	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	270	100	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	270	100	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	270	140	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	270	140	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	270	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	270	150	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	270	95	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	96			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	70			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B10 0-2

Phoenix I.D.: BF96265

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	74			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	87			%	01/09/14	DD	23 - 120 %
% Phenol-d5	76			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	91			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96266

Project ID: 853 LEXINGTON AVE
Client ID: B10 10-12

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.39		0.39	0.23	mg/Kg	01/09/14	LK	SW6010	
Aluminum	14700		39	7.8	mg/Kg	01/09/14	LK	SW6010	
Arsenic	6.9		0.8	0.78	mg/Kg	01/09/14	LK	SW6010	
Barium	85.1		0.8	0.16	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.77		0.31	0.16	mg/Kg	01/09/14	LK	SW6010	
Calcium	1350	*	3.9	3.6	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.50		0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Cobalt	13.9	*	0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Chromium	37.6		0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Copper	25.3		0.39	0.31	mg/kg	01/09/14	LK	SW6010	
Iron	54800		39	39	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	2610	N	8	3.0	mg/Kg	01/09/14	LK	SW6010	
Magnesium	4730		3.9	0.23	mg/Kg	01/09/14	LK	SW6010	
Manganese	1070	N	3.9	1.6	mg/Kg	01/09/14	LK	SW6010	
Sodium	84	N	8	3.3	mg/Kg	01/09/14	LK	SW6010	
Nickel	23.9	*	0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Lead	9.2		0.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.9		1.9	0.78	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.6		1.6	1.3	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.6		1.6	1.6	mg/Kg	01/09/14	LK	SW6010	
Vanadium	47.9		0.4	0.16	mg/Kg	01/09/14	LK	SW6010	
Zinc	50.6		0.8	0.39	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	87				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B10 10-12

Phoenix I.D.: BF96266

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	90			%	01/09/14	AW	30 - 150 %
% TCMX	70			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	36	36	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	01/10/14	MH	30 - 150 %
% TCMX	73			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.0	1.3	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	8.0	1.6	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	8.0	1.1	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	8.0	0.79	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	8.0	1.6	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B10 10-12

Phoenix I.D.: BF96266

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	8.0	1.8	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND	8.0	1.6	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	8.0	1.6	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND	8.0	1.1	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	8.0	1.6	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	8.0	1.2	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	8.0	2.2	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND	8.0	2.1	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND	8.0	0.89	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND	8.0	0.71	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND	8.0	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	8.0	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND	8.0	1.2	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND	8.0	0.85	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND	8.0	1.3	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND	8.0	1.4	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND	8.0	1.3	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND	40	3.6	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND	8.0	1.1	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND	8.0	0.93	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND	40	1.9	ug/Kg	01/10/14	HM	SW8260	
Acetone	ND	50	8.0	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND	16	4.5	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND	8.0	1.6	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND	8.0	1.0	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND	8.0	1.2	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND	8.0	1.0	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND	8.0	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND	8.0	6.2	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND	8.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND	8.0	0.93	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND	8.0	1.2	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND	8.0	1.9	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND	8.0	1.5	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND	8.0	4.2	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	8.0	1.8	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	8.0	0.87	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND	8.0	0.90	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND	8.0	1.0	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND	8.0	2.1	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND	8.0	1.5	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND	8.0	1.7	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND	8.0	1.5	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND	8.0	3.2	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND	48	7.0	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	16	2.2	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND	8.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND	8.0	2.2	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND	8.0	1.5	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		8.0	1.4	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		8.0	3.1	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		8.0	1.2	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		8.0	1.5	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		8.0	2.3	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		8.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	7.0	J	8.0	1.7	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	20		16	7.2	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND		8.0	1.3	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		8.0	1.6	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		8.0	1.6	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		16	15	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND		8.0	1.7	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		8.0	1.8	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		8.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		8.0	2.6	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	95				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	100				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		270	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		270	210	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		270	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		270	95	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	270	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		270	150	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		270	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		270	180	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1900	390	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		270	240	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		270	150	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		770	180	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1900	830	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	410	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		270	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		270	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		770	180	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		270	130	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B10 10-12

Phoenix I.D.: BF96266

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1900	130	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1900	170	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1900	770	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	770	230	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1900	770	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	99	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1900	290	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	270	100	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	270	99	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	270	140	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	270	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	270	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	270	110	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	270	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	270	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	270	94	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	94			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	77			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B10 10-12

Phoenix I.D.: BF96266

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	77			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	89			%	01/09/14	DD	23 - 120 %
% Phenol-d5	79			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	89			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/06/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96267

Project ID: 853 LEXINGTON AVE
Client ID: B10 43-45

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.39		0.39	0.23	mg/Kg	01/09/14	LK	SW6010	
Aluminum	3480		39	7.8	mg/Kg	01/09/14	LK	SW6010	
Arsenic	2.0		0.8	0.78	mg/Kg	01/09/14	LK	SW6010	
Barium	27.5		0.8	0.16	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.27	B	0.31	0.16	mg/Kg	01/09/14	LK	SW6010	
Calcium	1120	*	3.9	3.6	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.37	B	0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Cobalt	3.60	*	0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Chromium	12.3		0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Copper	11.5		0.39	0.31	mg/kg	01/09/14	LK	SW6010	
Iron	26500		39	39	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	565	N	8	3.0	mg/Kg	01/09/14	LK	SW6010	
Magnesium	1800		3.9	0.23	mg/Kg	01/09/14	LK	SW6010	
Manganese	375	N	3.9	1.6	mg/Kg	01/09/14	LK	SW6010	
Sodium	105	N	8	3.3	mg/Kg	01/09/14	LK	SW6010	
Nickel	13.9	*	0.39	0.16	mg/Kg	01/09/14	LK	SW6010	
Lead	3.6		0.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.9		1.9	0.78	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.6		1.6	1.3	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.6		1.6	1.6	mg/Kg	01/09/14	LK	SW6010	
Vanadium	28.4		0.4	0.16	mg/Kg	01/09/14	LK	SW6010	
Zinc	16.6		0.8	0.39	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	88				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/06/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	86			%	01/09/14	AW	30 - 150 %
% TCMX	69			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	36	36	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	87			%	01/10/14	MH	30 - 150 %
% TCMX	72			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	7.4	1.2	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	7.4	1.5	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	7.4	1.0	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	7.4	0.72	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	7.4	1.5	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B10 43-45

Phoenix I.D.: BF96267

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	7.4	1.6	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND	7.4	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	7.4	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND	7.4	1.0	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	7.4	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	7.4	1.1	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	7.4	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND	7.4	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND	7.4	0.81	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND	7.4	0.65	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND	7.4	1.0	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	7.4	0.98	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND	7.4	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND	7.4	0.78	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND	7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND	7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND	7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND	37	3.3	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND	7.4	1.0	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND	7.4	0.86	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND	37	1.8	ug/Kg	01/10/14	HM	SW8260	
Acetone	ND	50	7.3	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND	15	4.2	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND	7.4	1.5	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND	7.4	0.96	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND	7.4	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND	7.4	0.92	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND	7.4	1.0	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND	7.4	5.7	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND	7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND	7.4	0.86	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND	7.4	1.1	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND	7.4	1.7	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND	7.4	1.3	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND	7.4	3.9	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	7.4	1.6	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	7.4	0.80	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND	7.4	0.83	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND	7.4	0.93	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND	7.4	2.0	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND	7.4	1.3	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND	7.4	1.6	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND	7.4	1.4	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND	7.4	2.9	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND	44	6.4	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	15	2.0	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND	7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND	7.4	2.0	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND	7.4	1.3	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		7.4	1.3	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		7.4	2.8	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		7.4	1.1	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		7.4	1.4	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		7.4	2.1	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	5.9	J	7.4	1.6	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		15	6.6	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND		7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		7.4	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		7.4	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		15	14	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	2.3	J	7.4	1.6	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		7.4	1.6	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		7.4	1.2	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		7.4	2.4	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	103				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	95				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	102				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	91	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		740	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	800	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	400	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		740	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B10 43-45

Phoenix I.D.: BF96267

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	170	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	740	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	740	220	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	740	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	95	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	280	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	260	98	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	260	95	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	260	90	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	97			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	84			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B10 43-45

Phoenix I.D.: BF96267

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	80			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	93			%	01/09/14	DD	23 - 120 %
% Phenol-d5	81			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	97			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96268

Project ID: 853 LEXINGTON AVE
Client ID: B11 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.38		0.38	0.23	mg/Kg	01/09/14	LK	SW6010	
Aluminum	13000		38	7.6	mg/Kg	01/09/14	LK	SW6010	
Arsenic	3.5		0.8	0.76	mg/Kg	01/09/14	LK	SW6010	
Barium	62.6		0.8	0.15	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.75		0.30	0.15	mg/Kg	01/09/14	LK	SW6010	
Calcium	12600		38	35	mg/Kg	01/09/14	LK	SW6010	
Cadmium	< 0.38	*	0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Cobalt	6.75		0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Chromium	55.4		0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Copper	23.5		0.38	0.30	mg/kg	01/09/14	LK	SW6010	
Iron	31200		38	38	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.08		0.08	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1590	N	8	3.0	mg/Kg	01/09/14	LK	SW6010	
Magnesium	4040		3.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Manganese	395		3.8	1.5	mg/Kg	01/09/14	LK	SW6010	
Sodium	121	N	8	3.3	mg/Kg	01/09/14	LK	SW6010	
Nickel	23.9		0.38	0.15	mg/Kg	01/09/14	LK	SW6010	
Lead	6.7		0.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.9		1.9	0.76	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.5		1.5	1.3	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.5		1.5	1.5	mg/Kg	01/09/14	LK	SW6010	
Vanadium	43.8		0.4	0.15	mg/Kg	01/09/14	LK	SW6010	
Zinc	34.2	N	0.8	0.38	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	89				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B11 0-2

Phoenix I.D.: BF96268

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	88			%	01/09/14	AW	30 - 150 %
% TCMX	69			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.4	7.4	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	82			%	01/10/14	MH	30 - 150 %
% TCMX	69			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	7.3	1.2	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	7.3	1.5	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	7.3	1.0	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	7.3	0.72	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	7.3	1.4	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B11 0-2

Phoenix I.D.: BF96268

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		7.3	1.6	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		7.3	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		7.3	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		7.3	1.0	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		7.3	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		7.3	1.1	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		7.3	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		7.3	1.9	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		7.3	0.80	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		7.3	0.64	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		7.3	1.0	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		7.3	0.96	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		7.3	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		7.3	0.77	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		7.3	1.2	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		7.3	1.2	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		7.3	1.2	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		37	3.3	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		7.3	1.0	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		7.3	0.85	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		37	1.7	ug/Kg	01/10/14	HM	SW8260	
Acetone	29	JS	50	7.3	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		15	4.1	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		7.3	1.4	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		7.3	0.95	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		7.3	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		7.3	0.91	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		7.3	1.0	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		7.3	5.6	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		7.3	1.2	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		7.3	0.85	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		7.3	1.1	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		7.3	1.7	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		7.3	1.3	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		7.3	3.8	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		7.3	1.6	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		7.3	0.79	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		7.3	0.82	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		7.3	0.92	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		7.3	1.9	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		7.3	1.3	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		7.3	1.5	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		7.3	1.4	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		7.3	2.9	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		44	6.3	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		15	2.0	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND		7.3	1.2	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		7.3	2.0	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		7.3	1.3	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		7.3	1.3	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		7.3	2.8	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		7.3	1.1	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		7.3	1.4	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		7.3	2.1	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		7.3	1.2	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	1.6	J	7.3	1.5	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		15	6.6	ug/Kg	01/10/14	HM	SW8260	1
Toluene	2.2	J	7.3	1.2	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		7.3	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		7.3	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		15	14	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND		7.3	1.5	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		7.3	1.6	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		7.3	1.1	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		7.3	2.4	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	95				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	65				%	01/10/14	HM	70 - 130 %	3
% Toluene-d8	98				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	91	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	800	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND		1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND		1800	170	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND		1800	740	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND		730	220	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND		1800	730	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND		260	95	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	99	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	110	J	260	110	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND		1800	280	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND		260	98	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND		260	95	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	140	J	260	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	220	J	260	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	150	J	260	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND		260	90	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	37				%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	74				%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96268

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	59			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	81			%	01/09/14	DD	23 - 120 %
% Phenol-d5	68			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	64			%	01/09/14	DD	18 - 137 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
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 Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

**Poor surrogate recovery was observed for volatiles. Sample was analyzed twice with similar results indicating matrix interference.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96269

Project ID: 853 LEXINGTON AVE
Client ID: B11 6-8

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.37		0.37	0.22	mg/Kg	01/09/14	LK	SW6010	
Aluminum	7800		37	7.4	mg/Kg	01/09/14	LK	SW6010	
Arsenic	2.0		0.7	0.74	mg/Kg	01/09/14	LK	SW6010	
Barium	42.1		0.7	0.15	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.56		0.30	0.15	mg/Kg	01/09/14	LK	SW6010	
Calcium	5020		3.7	3.4	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.28	B*	0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Cobalt	7.02		0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Chromium	22.3		0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Copper	19.1		0.37	0.30	mg/kg	01/09/14	LK	SW6010	
Iron	28200		37	37	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.09		0.09	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	825	N	7	2.9	mg/Kg	01/09/14	LK	SW6010	
Magnesium	2200		3.7	0.22	mg/Kg	01/09/14	LK	SW6010	
Manganese	545		3.7	1.5	mg/Kg	01/09/14	LK	SW6010	
Sodium	81	N	7	3.2	mg/Kg	01/09/14	LK	SW6010	
Nickel	14.8		0.37	0.15	mg/Kg	01/09/14	LK	SW6010	
Lead	5.8		0.7	0.22	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.9		1.9	0.74	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.5		1.5	1.3	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.5		1.5	1.5	mg/Kg	01/09/14	LK	SW6010	
Vanadium	36.2		0.4	0.15	mg/Kg	01/09/14	LK	SW6010	
Zinc	25.3	N	0.7	0.37	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	91				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

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Phoenix I.D.: BF96269

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	94			%	01/09/14	AW	30 - 150 %
% TCMX	73			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	92			%	01/10/14	MH	30 - 150 %
% TCMX	77			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.5	1.1	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.5	1.3	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.5	0.92	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.5	0.64	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	6.5	1.3	ug/Kg	01/10/14	HM	SW8260

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Client ID: B11 6-8

Phoenix I.D.: BF96269

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	6.5	1.4	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND	6.5	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND	6.5	0.92	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	6.5	0.93	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.5	1.7	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND	6.5	1.7	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND	6.5	0.71	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND	6.5	0.57	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND	6.5	0.92	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	6.5	0.86	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND	6.5	0.96	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND	6.5	0.69	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND	6.5	1.0	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND	6.5	1.1	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND	6.5	1.0	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND	32	2.9	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND	6.5	0.89	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND	6.5	0.75	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND	32	1.5	ug/Kg	01/10/14	HM	SW8260	
Acetone	ND	50	6.4	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND	13	3.6	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND	6.5	1.3	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND	6.5	0.84	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND	6.5	0.95	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND	6.5	0.80	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND	6.5	0.91	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND	6.5	5.0	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND	6.5	1.1	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND	6.5	0.75	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND	6.5	0.96	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND	6.5	1.5	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND	6.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND	6.5	3.4	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	6.5	1.4	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	6.5	0.70	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND	6.5	0.73	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND	6.5	0.82	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND	6.5	1.7	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND	6.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND	6.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND	6.5	1.2	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND	6.5	2.6	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND	39	5.6	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	1.8	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND	6.5	1.1	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND	6.5	1.7	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND	6.5	1.2	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		6.5	1.2	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		6.5	2.5	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		6.5	0.93	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		6.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		6.5	1.9	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		6.5	1.0	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	ND		6.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		13	5.8	ug/Kg	01/10/14	HM	SW8260	1
Toluene	2.3	J	6.5	1.0	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		6.5	1.3	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		6.5	1.3	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		13	12	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND		6.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		6.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		6.5	1.0	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		6.5	2.1	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	96				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	104				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		250	90	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	790	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B11 6-8

Phoenix I.D.: BF96269

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	730	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	720	210	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	720	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	93	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	96	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	93	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	250	89	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	88			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	83			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B11 6-8

Phoenix I.D.: BF96269

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	73			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	92			%	01/09/14	DD	23 - 120 %
% Phenol-d5	77			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	98			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96270

Project ID: 853 LEXINGTON AVE
Client ID: B12 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.42		0.42	0.25	mg/Kg	01/09/14	LK	SW6010	
Aluminum	10800		42	8.3	mg/Kg	01/09/14	LK	SW6010	
Arsenic	4.4		0.8	0.83	mg/Kg	01/09/14	LK	SW6010	
Barium	83.3		0.8	0.17	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.54		0.33	0.17	mg/Kg	01/09/14	LK	SW6010	
Calcium	2910		4.2	3.8	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.28	B*	0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Cobalt	8.16		0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Chromium	25.7		0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Copper	20.6		0.42	0.33	mg/kg	01/09/14	LK	SW6010	
Iron	29500		42	42	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.10		0.10	0.06	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1560	N	8	3.2	mg/Kg	01/09/14	LK	SW6010	
Magnesium	3500		4.2	0.25	mg/Kg	01/09/14	LK	SW6010	
Manganese	996		4.2	1.7	mg/Kg	01/09/14	LK	SW6010	
Sodium	93	N	8	3.6	mg/Kg	01/09/14	LK	SW6010	
Nickel	19.8		0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Lead	12.7		0.8	0.25	mg/Kg	01/09/14	LK	SW6010	
QC for Mercury	Completed					01/09/14			
QC for ICP	Completed					01/09/14		SW6010	
Antimony	2.3		2.1	0.83	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.7		1.7	1.4	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.7		1.7	1.7	mg/Kg	01/09/14	LK	SW6010	
Vanadium	33.1		0.4	0.17	mg/Kg	01/09/14	LK	SW6010	
Zinc	45.6	N	0.8	0.42	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	78				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	

Project ID: 853 LEXINGTON AVE
Client ID: B12 0-2

Phoenix I.D.: BF96270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Soil Extraction for SVOA	Completed				01/08/14	BJ/V	SW3545
Mercury Digestion MS/MSD	Completed				01/09/14		SW7471
Mercury Digestion	Completed				01/09/14	I/I	SW7471
MS/MSD Ext. For PCB	Completed				01/08/14		
MS/MSD Ext. for Pesticide	Completed				01/08/14		
MS/MSD Ext. for Semi-Vol.	Completed				01/09/14		
Total Metals Digest MS/MSD	Completed				01/09/14		
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	42	42	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	87			%	01/09/14	AW	30 - 150 %
% TCMX	71			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	3.0	3.0	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	3.0	3.0	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	3.0	3.0	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	4.2	4.2	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	25	25	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	4.2	4.2	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	4.2	4.2	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	4.2	4.2	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	4.2	4.2	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	4.2	4.2	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	8.4	8.4	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	40	40	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	84			%	01/10/14	MH	30 - 150 %
% TCMX	73			%	01/10/14	MH	30 - 150 %

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
QC for PCB	Completed					01/09/14	AW		
QC for Pesticides	Completed					01/13/14			
Volatiles									
1,1,1,2-Tetrachloroethane	ND		9.0	1.5	ug/Kg	01/10/14	HM	SW8260	
1,1,1-Trichloroethane	ND		9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
1,1,2-Trichloroethane	ND		9.0	0.89	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloroethane	ND		9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloroethene	ND		9.0	2.0	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		9.0	2.4	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		9.0	2.4	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		9.0	0.99	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		9.0	0.80	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		9.0	1.2	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		9.0	0.96	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		9.0	1.4	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		9.0	1.5	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		9.0	1.4	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		45	4.1	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		9.0	1.2	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		9.0	1.0	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		45	2.2	ug/Kg	01/10/14	HM	SW8260	
Acetone	55	JS	50	9.0	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		18	5.1	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		9.0	1.2	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		9.0	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		9.0	7.0	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		9.0	1.5	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		9.0	1.0	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		9.0	2.1	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		9.0	1.6	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		9.0	4.7	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		9.0	2.0	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		9.0	0.98	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		9.0	1.0	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		9.0	1.1	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		9.0	2.4	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Ethylbenzene	ND	9.0	1.6	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND	9.0	1.9	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND	9.0	1.7	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND	9.0	3.6	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND	54	7.8	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	18	2.5	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND	9.0	1.5	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND	9.0	2.4	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND	9.0	1.6	ug/Kg	01/10/14	HM	SW8260	
n-Propylbenzene	ND	9.0	1.6	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND	9.0	3.5	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND	9.0	1.3	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND	9.0	1.7	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND	9.0	2.6	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND	9.0	1.4	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	12	9.0	1.9	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	18	8.1	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND	9.0	1.4	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	9.0	1.8	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	18	17	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND	9.0	1.9	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND	9.0	2.0	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND	9.0	1.4	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND	9.0	2.9	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	97			%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	105			%	01/10/14	HM	70 - 130 %	
% Toluene-d8	98			%	01/10/14	HM	84 - 138 %	
QC for Volatile					01/10/14	HM		
MS/MSD Volatiles					01/10/14	HM		

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	290	150	ug/Kg	01/09/14	DD	SW 8270
1,2,4-Trichlorobenzene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270
1,2-Dichlorobenzene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	290	140	ug/Kg	01/09/14	DD	SW 8270
1,3-Dichlorobenzene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270
1,4-Dichlorobenzene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	290	230	ug/Kg	01/09/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	290	130	ug/Kg	01/09/14	DD	SW 8270
2,4-Dichlorophenol	ND	290	150	ug/Kg	01/09/14	DD	SW 8270
2,4-Dimethylphenol	ND	290	100	ug/Kg	01/09/14	DD	SW 8270
2,4-Dinitrophenol	ND	2100	290	ug/Kg	01/09/14	DD	SW 8270
2,4-Dinitrotoluene	ND	290	160	ug/Kg	01/09/14	DD	SW 8270
2,6-Dinitrotoluene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270
2-Chloronaphthalene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270
2-Chlorophenol	ND	290	120	ug/Kg	01/09/14	DD	SW 8270

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Client ID: B12 0-2

Phoenix I.D.: BF96270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
2-Methylnaphthalene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	290	200	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND	2100	420	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND	290	260	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	290	160	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	840	200	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND	2100	910	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2100	450	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	290	150	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND	840	190	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
4-Nitroaniline	ND	2100	140	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	2100	190	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	2100	840	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	840	250	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	2100	840	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	2100	320	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	290	110	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	290	150	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	290	130	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	290	150	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96270

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
N-Nitrosodimethylamine	ND	290	120	ug/Kg	01/09/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	290	140	ug/Kg	01/09/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	290	160	ug/Kg	01/09/14	DD	SW 8270
Pentachloronitrobenzene	ND	290	160	ug/Kg	01/09/14	DD	SW 8270
Pentachlorophenol	ND	290	160	ug/Kg	01/09/14	DD	SW 8270
Phenanthrene	ND	290	120	ug/Kg	01/09/14	DD	SW 8270
Phenol	ND	290	130	ug/Kg	01/09/14	DD	SW 8270
Pyrene	ND	290	140	ug/Kg	01/09/14	DD	SW 8270
Pyridine	ND	290	100	ug/Kg	01/09/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	80			%	01/09/14	DD	19 - 122 %
% 2-Fluorobiphenyl	66			%	01/09/14	DD	30 - 115 %
% 2-Fluorophenol	61			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	72			%	01/09/14	DD	23 - 120 %
% Phenol-d5	70			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	91			%	01/09/14	DD	18 - 137 %
QC for Semi-Volatile	Completed				01/09/14		

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96271

Project ID: 853 LEXINGTON AVE
Client ID: B12 6-8

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.33		0.33	0.20	mg/Kg	01/09/14	LK	SW6010	
Aluminum	5800		33	6.5	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.3		0.7	0.65	mg/Kg	01/09/14	LK	SW6010	
Barium	38.3		0.7	0.13	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.45		0.26	0.13	mg/Kg	01/09/14	LK	SW6010	
Calcium	757		3.3	3.0	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.47	*	0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Cobalt	5.42		0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Chromium	20.6		0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Copper	12.8		0.33	0.26	mg/kg	01/09/14	LK	SW6010	
Iron	34900		33	33	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	732	N	7	2.6	mg/Kg	01/09/14	LK	SW6010	
Magnesium	1690		3.3	0.20	mg/Kg	01/09/14	LK	SW6010	
Manganese	808		3.3	1.3	mg/Kg	01/09/14	LK	SW6010	
Sodium	60	N	7	2.8	mg/Kg	01/09/14	LK	SW6010	
Nickel	12.8		0.33	0.13	mg/Kg	01/09/14	LK	SW6010	
Lead	5.0		0.7	0.20	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.6		1.6	0.65	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.3		1.3	1.1	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.3		1.3	1.3	mg/Kg	01/09/14	LK	SW6010	
Vanadium	28.5		0.3	0.13	mg/Kg	01/09/14	LK	SW6010	
Zinc	21.0	N	0.7	0.33	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	91				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B12 6-8

Phoenix I.D.: BF96271

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	83			%	01/09/14	AW	30 - 150 %
% TCMX	68			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	21	21	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	81			%	01/10/14	MH	30 - 150 %
% TCMX	69			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	7.1	1.2	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	7.1	1.4	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	7.1	1.0	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	7.1	0.70	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	7.1	1.4	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B12 6-8

Phoenix I.D.: BF96271

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		7.1	1.6	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		7.1	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		7.1	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		7.1	1.0	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		7.1	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		7.1	1.0	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		7.1	1.9	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		7.1	1.9	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		7.1	0.79	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		7.1	0.63	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		7.1	1.0	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		7.1	0.94	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		7.1	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		7.1	0.76	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		7.1	1.1	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		7.1	1.2	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		7.1	1.1	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		36	3.2	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		7.1	0.99	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		7.1	0.83	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		36	1.7	ug/Kg	01/10/14	HM	SW8260	
Acetone	150	S	50	7.1	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		14	4.0	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		7.1	1.4	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		7.1	0.93	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		7.1	1.0	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		7.1	0.89	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		7.1	1.0	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		7.1	5.5	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		7.1	1.2	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		7.1	0.83	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		7.1	1.1	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		7.1	1.7	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		7.1	1.3	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		7.1	3.7	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		7.1	1.6	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		7.1	0.77	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		7.1	0.80	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		7.1	0.90	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		7.1	1.9	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		7.1	1.3	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		7.1	1.5	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		7.1	1.4	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		7.1	2.8	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		43	6.2	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		14	2.0	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND		7.1	1.2	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		7.1	1.9	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		7.1	1.3	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		7.1	1.3	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		7.1	2.7	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		7.1	1.0	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		7.1	1.3	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		7.1	2.1	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		7.1	1.1	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	ND		7.1	1.5	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		14	6.4	ug/Kg	01/10/14	HM	SW8260	1
Toluene	2.8	J	7.1	1.1	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		7.1	1.4	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		7.1	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		14	13	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND		7.1	1.5	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		7.1	1.6	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		7.1	1.1	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		7.1	2.3	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	96				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	103				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	98				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	91	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	790	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	

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Phoenix I.D.: BF96271

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	170	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	740	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	730	210	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	730	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	94	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	280	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	260	97	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	260	94	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	260	90	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	79			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	74			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96271

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	63			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	78			%	01/09/14	DD	23 - 120 %
% Phenol-d5	73			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	94			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96272

Project ID: 853 LEXINGTON AVE
Client ID: B13 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	2.99		0.40	0.24	mg/Kg	01/09/14	LK	SW6010	
Aluminum	12800		40	8.1	mg/Kg	01/09/14	LK	SW6010	
Arsenic	3.3		0.8	0.81	mg/Kg	01/09/14	LK	SW6010	
Barium	76.4		0.8	0.16	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.58		0.32	0.16	mg/Kg	01/09/14	LK	SW6010	
Calcium	63500		40	37	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.76	*	0.40	0.16	mg/Kg	01/09/14	LK	SW6010	
Cobalt	5.88		0.40	0.16	mg/Kg	01/09/14	LK	SW6010	
Chromium	30.7		0.40	0.16	mg/Kg	01/09/14	LK	SW6010	
Copper	22.9		0.40	0.32	mg/kg	01/09/14	LK	SW6010	
Iron	17600		40	40	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.08		0.08	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	3230	N	8	3.1	mg/Kg	01/09/14	LK	SW6010	
Magnesium	8530		40	2.4	mg/Kg	01/09/14	LK	SW6010	
Manganese	289		4.0	1.6	mg/Kg	01/09/14	LK	SW6010	
Sodium	521	N	8	3.5	mg/Kg	01/09/14	LK	SW6010	
Nickel	43.5		0.40	0.16	mg/Kg	01/09/14	LK	SW6010	
Lead	21.4		0.8	0.24	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 2.0		2.0	0.81	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.6		1.6	1.4	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.6		1.6	1.6	mg/Kg	01/09/14	LK	SW6010	
Vanadium	29.1		0.4	0.16	mg/Kg	01/09/14	LK	SW6010	
Zinc	44.1	N	0.8	0.40	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	86				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/09/14	JJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: B13 0-2

Phoenix I.D.: BF96272

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	89			%	01/09/14	AW	30 - 150 %
% TCMX	72			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.5	7.5	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	36	36	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	88			%	01/10/14	MH	30 - 150 %
% TCMX	76			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	7.6	1.2	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	7.6	1.5	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	7.6	1.1	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	7.6	0.74	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	7.6	1.5	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B13 0-2

Phoenix I.D.: BF96272

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		7.6	1.6	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		7.6	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		7.6	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		7.6	1.5	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		7.6	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		7.6	2.0	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		7.6	0.83	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		7.6	0.67	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		7.6	1.0	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		7.6	0.80	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		7.6	1.2	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		7.6	1.3	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		7.6	1.2	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		38	3.4	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		7.6	1.0	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		7.6	0.88	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		38	1.8	ug/Kg	01/10/14	HM	SW8260	
Acetone	160	S	50	7.5	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		15	4.2	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		7.6	1.5	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		7.6	0.98	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		7.6	0.94	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		7.6	5.8	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		7.6	1.2	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		7.6	0.88	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		7.6	1.8	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		7.6	1.4	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		7.6	4.0	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		7.6	1.6	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		7.6	0.82	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		7.6	0.85	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		7.6	0.95	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		7.6	2.0	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		7.6	1.4	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		7.6	1.6	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		7.6	1.5	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		7.6	3.0	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		45	6.6	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		15	2.1	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND		7.6	1.2	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		7.6	2.0	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		7.6	1.4	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND	7.6	1.4	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND	7.6	2.9	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND	7.6	1.1	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND	7.6	1.4	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND	7.6	2.2	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND	7.6	1.2	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	ND	7.6	1.6	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	15	6.8	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND	7.6	1.2	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	7.6	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	7.6	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	15	14	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND	7.6	1.6	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND	7.6	1.7	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND	7.6	1.2	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND	7.6	2.4	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	105			%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	95			%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	44			%	01/10/14	HM	70 - 130 %	3
% Toluene-d8	97			%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	01/10/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	01/10/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
2,4-Dichlorophenol	ND	270	140	ug/Kg	01/10/14	DD	SW 8270	
2,4-Dimethylphenol	ND	270	96	ug/Kg	01/10/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	270	ug/Kg	01/10/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	150	ug/Kg	01/10/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
2-Chloronaphthalene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
2-Chlorophenol	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
2-Methylnaphthalene	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	01/10/14	DD	SW 8270	
2-Nitroaniline	ND	1900	390	ug/Kg	01/10/14	DD	SW 8270	
2-Nitrophenol	ND	270	250	ug/Kg	01/10/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	01/10/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	01/10/14	DD	SW 8270	
3-Nitroaniline	ND	1900	840	ug/Kg	01/10/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	420	ug/Kg	01/10/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	01/10/14	DD	SW 8270	
4-Chloroaniline	ND	770	180	ug/Kg	01/10/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	

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Phoenix I.D.: BF96272

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1900	130	ug/Kg	01/10/14	DD	SW 8270	
4-Nitrophenol	ND	1900	170	ug/Kg	01/10/14	DD	SW 8270	
Acenaphthene	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
Acenaphthylene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
Acetophenone	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
Aniline	ND	1900	780	ug/Kg	01/10/14	DD	SW 8270	
Anthracene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Benz(a)anthracene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Benzidine	ND	770	230	ug/Kg	01/10/14	DD	SW 8270	
Benzo(a)pyrene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Benzo(ghi)perylene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Benzoic acid	ND	1900	770	ug/Kg	01/10/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	100	ug/Kg	01/10/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	01/10/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	4400	270	110	ug/Kg	01/10/14	DD	SW 8270	
Carbazole	ND	1900	290	ug/Kg	01/10/14	DD	SW 8270	
Chrysene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Dibenzofuran	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
Diethyl phthalate	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
Dimethylphthalate	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
Di-n-butylphthalate	ND	270	100	ug/Kg	01/10/14	DD	SW 8270	
Di-n-octylphthalate	ND	270	100	ug/Kg	01/10/14	DD	SW 8270	
Fluoranthene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Fluorene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Hexachlorobenzene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
Hexachlorobutadiene	ND	270	140	ug/Kg	01/10/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
Hexachloroethane	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Isophorone	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
Naphthalene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
Nitrobenzene	ND	270	140	ug/Kg	01/10/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	01/10/14	DD	SW 8270	
Pentachloronitrobenzene	ND	270	140	ug/Kg	01/10/14	DD	SW 8270	
Pentachlorophenol	ND	270	150	ug/Kg	01/10/14	DD	SW 8270	
Phenanthrene	ND	270	110	ug/Kg	01/10/14	DD	SW 8270	
Phenol	ND	270	120	ug/Kg	01/10/14	DD	SW 8270	
Pyrene	ND	270	130	ug/Kg	01/10/14	DD	SW 8270	
Pyridine	ND	270	95	ug/Kg	01/10/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	<5			%	01/10/14	DD	19 - 122 %	3
% 2-Fluorobiphenyl	89			%	01/10/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B13 0-2

Phoenix I.D.: BF96272

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
% 2-Fluorophenol	15			%	01/10/14	DD	25 - 121 %	3
% Nitrobenzene-d5	81			%	01/10/14	DD	23 - 120 %	
% Phenol-d5	70			%	01/10/14	DD	24 - 113 %	
% Terphenyl-d14	99			%	01/10/14	DD	18 - 137 %	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.
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 Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

*For semivolatiles, poor surrogate recovery was observed. Sample was re-extracted with similar results.

**Poor surrogate recovery was observed for volatiles. Sample was analyzed twice with similar results indicating matrix interference.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96273

Project ID: 853 LEXINGTON AVE
Client ID: B13 6-8

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.39		0.39	0.23	mg/Kg	01/09/14	LK	SW6010	
Aluminum	5770		39	7.7	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.3		0.8	0.77	mg/Kg	01/09/14	LK	SW6010	
Barium	24.5		0.8	0.15	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.40		0.31	0.15	mg/Kg	01/09/14	LK	SW6010	
Calcium	867		3.9	3.6	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.24	B*	0.39	0.15	mg/Kg	01/09/14	LK	SW6010	
Cobalt	5.19		0.39	0.15	mg/Kg	01/09/14	LK	SW6010	
Chromium	17.2		0.39	0.15	mg/Kg	01/09/14	LK	SW6010	
Copper	16.9		0.39	0.31	mg/kg	01/09/14	LK	SW6010	
Iron	23600		39	39	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.07		0.07	0.04	mg/Kg	01/09/14	RS	SW-7471	
Potassium	964	N	8	3.0	mg/Kg	01/09/14	LK	SW6010	
Magnesium	1870		3.9	0.23	mg/Kg	01/09/14	LK	SW6010	
Manganese	256		3.9	1.5	mg/Kg	01/09/14	LK	SW6010	
Sodium	77	N	8	3.3	mg/Kg	01/09/14	LK	SW6010	
Nickel	10.3		0.39	0.15	mg/Kg	01/09/14	LK	SW6010	
Lead	5.4		0.8	0.23	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.9		1.9	0.77	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.5		1.5	1.3	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.5		1.5	1.5	mg/Kg	01/09/14	LK	SW6010	
Vanadium	28.6		0.4	0.15	mg/Kg	01/09/14	LK	SW6010	
Zinc	22.3	N	0.8	0.39	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	91				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
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Phoenix I.D.: BF96273

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	91			%	01/09/14	AW	30 - 150 %
% TCMX	71			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	21	21	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	34	34	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	83			%	01/10/14	MH	30 - 150 %
% TCMX	70			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.5	1.4	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	8.5	1.7	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	8.5	1.2	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	8.5	0.83	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	8.5	1.7	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: B13 6-8

Phoenix I.D.: BF96273

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		8.5	1.9	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		8.5	1.7	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		8.5	1.7	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		8.5	1.2	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		8.5	1.7	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		8.5	1.2	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		8.5	2.3	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		8.5	2.3	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		8.5	0.94	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		8.5	0.75	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		8.5	1.2	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		8.5	1.1	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		8.5	1.3	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		8.5	0.90	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		8.5	1.3	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		8.5	1.4	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		8.5	1.4	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		43	3.8	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		8.5	1.2	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		8.5	0.99	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		43	2.0	ug/Kg	01/10/14	HM	SW8260	
Acetone	190	S	50	8.5	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		17	4.8	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		8.5	1.7	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		8.5	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		8.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		8.5	1.1	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		8.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		8.5	6.6	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		8.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		8.5	0.99	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		8.5	1.3	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		8.5	2.0	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		8.5	1.6	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		8.5	4.5	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		8.5	1.9	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		8.5	0.92	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		8.5	0.95	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		8.5	1.1	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		8.5	2.3	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		8.5	1.6	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		8.5	1.8	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		8.5	1.6	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		8.5	3.4	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		51	7.4	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		17	2.4	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND		8.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		8.5	2.3	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		8.5	1.6	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		8.5	1.5	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		8.5	3.3	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		8.5	1.2	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		8.5	1.6	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		8.5	2.5	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		8.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	ND		8.5	1.8	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		17	7.7	ug/Kg	01/10/14	HM	SW8260	1
Toluene	2.5	J	8.5	1.3	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		8.5	1.7	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		8.5	1.7	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		17	16	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND		8.5	1.8	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		8.5	1.9	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		8.5	1.3	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		8.5	2.8	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	96				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	101				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	97				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		250	90	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	250	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		250	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		250	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	790	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		720	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: B13 6-8

Phoenix I.D.: BF96273

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	730	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	720	210	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	720	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	93	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	250	98	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	270	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	96	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	93	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	250	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	250	130	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	250	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	250	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	250	120	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	250	89	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	75			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: B13 6-8

Phoenix I.D.: BF96273

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	67			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	79			%	01/09/14	DD	23 - 120 %
% Phenol-d5	75			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	89			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96274

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.42		0.42	0.25	mg/Kg	01/09/14	LK	SW6010	
Aluminum	15700		42	8.3	mg/Kg	01/09/14	LK	SW6010	
Arsenic	5.9		0.8	0.83	mg/Kg	01/09/14	LK	SW6010	
Barium	105		0.8	0.17	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.80		0.33	0.17	mg/Kg	01/09/14	LK	SW6010	
Calcium	15700		42	38	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.21	B*	0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Cobalt	10.2		0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Chromium	41.9		0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Copper	28.3		0.42	0.33	mg/kg	01/09/14	LK	SW6010	
Iron	39200		42	42	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.10		0.10	0.06	mg/Kg	01/09/14	RS	SW-7471	
Potassium	2820	N	8	3.2	mg/Kg	01/09/14	LK	SW6010	
Magnesium	6650		42	2.5	mg/Kg	01/09/14	LK	SW6010	
Manganese	415		4.2	1.7	mg/Kg	01/09/14	LK	SW6010	
Sodium	219	N	8	3.6	mg/Kg	01/09/14	LK	SW6010	
Nickel	26.4		0.42	0.17	mg/Kg	01/09/14	LK	SW6010	
Lead	16.7		0.8	0.25	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 2.1		2.1	0.83	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.7		1.7	1.4	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.7		1.7	1.7	mg/Kg	01/09/14	LK	SW6010	
Vanadium	45.9		0.4	0.17	mg/Kg	01/09/14	LK	SW6010	
Zinc	65.9	N	0.8	0.42	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	77				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 1

Phoenix I.D.: BF96274

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	43	43	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	85			%	01/09/14	AW	30 - 150 %
% TCMX	74			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	3.1	3.1	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	3.1	3.1	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	3.1	3.1	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	4.3	4.3	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	26	26	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	4.3	4.3	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	4.3	4.3	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	4.3	4.3	ug/Kg	01/10/14	MH	SW8081
Endrin	ND*	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	4.3	4.3	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	4.3	4.3	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	2.1	2.1	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	8.5	8.5	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	41	41	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	65			%	01/10/14	MH	30 - 150 %
% TCMX	65			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	9.5	1.6	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	9.5	1.9	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	9.5	1.4	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	9.5	0.94	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	9.5	1.9	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 1

Phoenix I.D.: BF96274

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		9.5	2.1	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND		9.5	1.9	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND		9.5	1.9	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND		9.5	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND		9.5	1.9	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND		9.5	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND		9.5	2.6	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND		9.5	2.5	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND		9.5	1.1	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND		9.5	0.84	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND		9.5	1.4	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND		9.5	1.3	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND		9.5	1.4	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND		9.5	1.0	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND		9.5	1.5	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND		9.5	1.6	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND		9.5	1.5	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND		48	4.3	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND		9.5	1.3	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND		9.5	1.1	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND		48	2.3	ug/Kg	01/10/14	HM	SW8260	
Acetone	39	JS	50	9.5	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		19	5.4	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		9.5	1.9	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		9.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		9.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		9.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		9.5	1.3	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		9.5	7.4	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		9.5	1.5	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		9.5	1.1	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		9.5	1.4	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		9.5	2.2	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		9.5	1.7	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		9.5	5.0	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		9.5	2.1	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		9.5	1.0	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		9.5	1.1	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		9.5	1.2	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		9.5	2.5	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		9.5	1.7	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		9.5	2.0	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		9.5	1.8	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		9.5	3.8	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		57	8.3	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		19	2.6	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	2.5	JS	9.5	1.6	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		9.5	2.6	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		9.5	1.7	ug/Kg	01/10/14	HM	SW8260	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND	9.5	1.7	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND	9.5	3.6	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND	9.5	1.4	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND	9.5	1.8	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND	9.5	2.7	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND	9.5	1.5	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	32	9.5	2.0	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	19	8.6	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND	9.5	1.5	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	9.5	1.9	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	9.5	1.9	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	19	18	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND	9.5	2.0	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND	9.5	2.1	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND	9.5	1.5	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND	9.5	3.1	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	96			%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	102			%	01/10/14	HM	70 - 130 %	
% Toluene-d8	97			%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND	300	110	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND	2200	300	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	300	170	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND	2200	440	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND	300	270	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	860	200	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND	2200	940	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2200	460	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND	860	200	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	2200	140	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	2200	200	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	2200	870	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	860	250	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	2200	860	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	300	110	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	2200	330	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	300	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	300	110	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	300	160	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	300	130	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	300	170	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	300	160	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	300	160	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	300	120	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	300	140	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	300	150	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	300	110	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	101			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	84			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 1

Phoenix I.D.: BF96274

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	73			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	83			%	01/09/14	DD	23 - 120 %
% Phenol-d5	82			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	109			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

* For Pesticides, the continuing calibration standard recoveries were below criteria for Endrin due to a matrix interference in the samples. Samples were rerun with with similar results. A negative sample bias is suspected.

S- Laboratory solvent, contamination is possible.

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96275

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Silver	< 0.34		0.34	0.21	mg/Kg	01/09/14	LK	SW6010	
Aluminum	9280		34	6.9	mg/Kg	01/09/14	LK	SW6010	
Arsenic	1.8		0.7	0.69	mg/Kg	01/09/14	LK	SW6010	
Barium	51.5		0.7	0.14	mg/Kg	01/09/14	LK	SW6010	
Beryllium	0.62		0.27	0.14	mg/Kg	01/09/14	LK	SW6010	
Calcium	980		3.4	3.2	mg/Kg	01/09/14	LK	SW6010	
Cadmium	0.61	*	0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Cobalt	7.30		0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Chromium	24.4		0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Copper	18.7		0.34	0.27	mg/kg	01/09/14	LK	SW6010	
Iron	52100		34	34	mg/Kg	01/09/14	LK	SW6010	
Mercury	< 0.08		0.08	0.05	mg/Kg	01/09/14	RS	SW-7471	
Potassium	1200	N	7	2.7	mg/Kg	01/09/14	LK	SW6010	
Magnesium	2880		3.4	0.21	mg/Kg	01/09/14	LK	SW6010	
Manganese	1090		3.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Sodium	96	N	7	2.9	mg/Kg	01/09/14	LK	SW6010	
Nickel	19.3		0.34	0.14	mg/Kg	01/09/14	LK	SW6010	
Lead	6.9		0.7	0.21	mg/Kg	01/09/14	LK	SW6010	
Antimony	< 1.7		1.7	0.69	mg/Kg	01/09/14	LK	SW6010	
Selenium	< 1.4		1.4	1.2	mg/Kg	01/09/14	LK	SW6010	
Thallium	< 1.4		1.4	1.4	mg/Kg	01/09/14	LK	SW6010	
Vanadium	37.8		0.3	0.14	mg/Kg	01/09/14	LK	SW6010	
Zinc	31.0	N	0.7	0.34	mg/Kg	01/09/14	LK	SW6010	B
Percent Solid	90				%	01/08/14	I	E160.3	
Soil Extraction for PCB	Completed					01/08/14	BB/V	SW3545	
Soil Extraction for Pesticide	Completed					01/08/14	BB	SW3545	
Soil Extraction for SVOA	Completed					01/08/14	BJ/V	SW3545	
Mercury Digestion	Completed					01/09/14	I/I	SW7471	

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 2

Phoenix I.D.: BF96275

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				01/08/14	Z/AG	SW846 - 3050
Field Extraction	Completed				01/07/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	01/09/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	90			%	01/09/14	AW	30 - 150 %
% TCMX	74			%	01/09/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	01/10/14	MH	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Chlordane	ND	22	22	ug/Kg	01/10/14	MH	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	01/10/14	MH	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	01/10/14	MH	SW8081
Methoxychlor	ND	7.2	7.2	ug/Kg	01/10/14	MH	SW8081
Toxaphene	ND	35	35	ug/Kg	01/10/14	MH	SW8081
QA/QC Surrogates							
% DCBP	86			%	01/10/14	MH	30 - 150 %
% TCMX	73			%	01/10/14	MH	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.8	1.1	ug/Kg	01/10/14	HM	SW8260
1,1,1-Trichloroethane	ND	6.8	1.4	ug/Kg	01/10/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	6.8	0.97	ug/Kg	01/10/14	HM	SW8260
1,1,2-Trichloroethane	ND	6.8	0.67	ug/Kg	01/10/14	HM	SW8260
1,1-Dichloroethane	ND	6.8	1.4	ug/Kg	01/10/14	HM	SW8260

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 2

Phoenix I.D.: BF96275

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	6.8	1.5	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND	6.8	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND	6.8	0.97	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	6.8	0.98	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.8	1.8	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND	6.8	1.8	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND	6.8	0.75	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND	6.8	0.60	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND	6.8	0.97	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	6.8	0.90	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND	6.8	1.0	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND	6.8	0.72	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND	6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND	6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND	6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND	34	3.1	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND	6.8	0.94	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND	6.8	0.79	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND	34	1.6	ug/Kg	01/10/14	HM	SW8260	
Acetone	ND	50	6.8	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND	14	3.8	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND	6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND	6.8	0.89	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND	6.8	1.0	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND	6.8	0.85	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND	6.8	0.96	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND	6.8	5.3	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND	6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND	6.8	0.79	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND	6.8	1.0	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND	6.8	1.6	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND	6.8	1.2	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND	6.8	3.6	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	6.8	1.5	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	6.8	0.74	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND	6.8	0.77	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND	6.8	0.86	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND	6.8	1.8	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND	6.8	1.2	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND	6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND	6.8	1.3	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND	6.8	2.7	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND	41	5.9	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	14	1.9	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND	6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND	6.8	1.8	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND	6.8	1.2	ug/Kg	01/10/14	HM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND		6.8	1.2	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		6.8	2.6	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		6.8	0.98	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		6.8	1.3	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		6.8	2.0	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	3.7	J	6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		14	6.2	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND		6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		14	13	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND		6.8	1.4	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		6.8	1.5	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		6.8	1.1	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		6.8	2.2	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	104				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	95				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	103				%	01/10/14	HM	70 - 130 %	
% Toluene-d8	98				%	01/10/14	HM	84 - 138 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	01/09/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	90	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1800	260	ug/Kg	01/09/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Chlorophenol	ND		260	100	ug/Kg	01/09/14	DD	SW 8270	
2-Methylnaphthalene	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	170	ug/Kg	01/09/14	DD	SW 8270	
2-Nitroaniline	ND		1800	370	ug/Kg	01/09/14	DD	SW 8270	
2-Nitrophenol	ND		260	230	ug/Kg	01/09/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	01/09/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
3-Nitroaniline	ND		1800	790	ug/Kg	01/09/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	01/09/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	01/09/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	01/09/14	DD	SW 8270	
4-Chloroaniline	ND		730	170	ug/Kg	01/09/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	01/09/14	DD	SW 8270	

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 2

Phoenix I.D.: BF96275

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1800	120	ug/Kg	01/09/14	DD	SW 8270	
4-Nitrophenol	ND	1800	160	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Acenaphthylene	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Acetophenone	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Aniline	ND	1800	740	ug/Kg	01/09/14	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benz(a)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzidine	ND	730	210	ug/Kg	01/09/14	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Benzoic acid	ND	1800	730	ug/Kg	01/09/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	94	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	98	ug/Kg	01/09/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Carbazole	ND	1800	280	ug/Kg	01/09/14	DD	SW 8270	
Chrysene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Dimethylphthalate	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Di-n-butylphthalate	ND	260	97	ug/Kg	01/09/14	DD	SW 8270	
Di-n-octylphthalate	ND	260	94	ug/Kg	01/09/14	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorobutadiene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	01/09/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Isophorone	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Naphthalene	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	01/09/14	DD	SW 8270	
Phenanthrene	ND	260	100	ug/Kg	01/09/14	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	01/09/14	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	01/09/14	DD	SW 8270	
Pyridine	ND	260	90	ug/Kg	01/09/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	89			%	01/09/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	76			%	01/09/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE
Client ID: DUPLICATE 2

Phoenix I.D.: BF96275

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	69			%	01/09/14	DD	25 - 121 %
% Nitrobenzene-d5	78			%	01/09/14	DD	23 - 120 %
% Phenol-d5	75			%	01/09/14	DD	24 - 113 %
% Terphenyl-d14	108			%	01/09/14	DD	18 - 137 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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 unrestricted soil criteria for chromium is 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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96276

Project ID: 853 LEXINGTON AVE
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	01/07/14		E160.3	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	01/10/14	HM	SW8260	
1,1,1-Trichloroethane	ND	250	50	ug/Kg	01/10/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	01/10/14	HM	SW8260	
1,1,2-Trichloroethane	ND	250	25	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloroethane	ND	250	50	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloroethene	ND	250	55	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND	250	49	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND	250	36	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND	250	67	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND	250	28	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND	250	22	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND	250	36	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND	250	37	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND	250	27	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND	250	40	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND	250	42	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND	250	40	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND	1300	110	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND	250	35	ug/Kg	01/10/14	HM	SW8260	1
4-Chlorotoluene	ND	250	29	ug/Kg	01/10/14	HM	SW8260	

Project ID: 853 LEXINGTON AVE
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BF96276

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		1300	60	ug/Kg	01/10/14	HM	SW8260	
Acetone	ND		2500	250	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND		500	140	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND		250	50	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND		250	33	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND		250	37	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND		250	31	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND		250	35	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND		250	190	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND		250	41	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND		250	29	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND		250	37	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND		250	59	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND		250	46	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND		250	130	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND		250	55	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND		250	27	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND		250	28	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND		250	32	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND		250	67	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND		250	46	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND		250	53	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND		250	48	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND		250	99	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND		1500	220	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND		500	69	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	160	JS	250	41	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND		250	67	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND		250	46	ug/Kg	01/10/14	HM	SW8260	
n-Propylbenzene	ND		250	45	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND		250	96	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND		250	36	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND		250	47	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND		250	72	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND		250	40	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	ND		250	53	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND		500	230	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND		250	40	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND		250	50	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND		250	51	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND		500	460	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND		250	53	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND		250	56	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND		250	39	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND		250	81	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100				%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	96				%	01/10/14	HM	59 - 113 %	
% Dibromofluoromethane	96				%	01/10/14	HM	70 - 130 %	

Project ID: 853 LEXINGTON AVE
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BF96276

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	01/10/14	HM	84 - 138 %

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 Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

S- Laboratory solvent, contamination is possible.

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.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 21, 2014

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:		01/07/14	0:00
Location Code:	EBC	Received by:	SW	01/08/14	17:05
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96253
Phoenix ID: BF96277

Project ID: 853 LEXINGTON AVE
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	01/07/14		E160.3	
Field Extraction	Completed				01/07/14		SW5035	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	01/10/14	HM	SW8260	
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	01/10/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	01/10/14	HM	SW8260	
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	01/10/14	HM	SW8260	
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	01/10/14	HM	SW8260	
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	01/10/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	01/10/14	HM	SW8260	
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	01/10/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	01/10/14	HM	SW8260	
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	01/10/14	HM	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	01/10/14	HM	SW8260	
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	01/10/14	HM	SW8260	
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	01/10/14	HM	SW8260	
2-Hexanone	ND	25	2.3	ug/Kg	01/10/14	HM	SW8260	
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	01/10/14	HM	SW8260	1

Project ID: 853 LEXINGTON AVE
Client ID: TRIP BLANK LOW

Phoenix I.D.: BF96277

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.0	0.58	ug/Kg	01/10/14	HM	SW8260	
4-Methyl-2-pentanone	ND	25	1.2	ug/Kg	01/10/14	HM	SW8260	
Acetone	ND	50	5.0	ug/Kg	01/10/14	HM	SW8260	
Acrylonitrile	ND	10	2.8	ug/Kg	01/10/14	HM	SW8260	
Benzene	ND	5.0	0.99	ug/Kg	01/10/14	HM	SW8260	
Bromobenzene	ND	5.0	0.65	ug/Kg	01/10/14	HM	SW8260	
Bromochloromethane	ND	5.0	0.73	ug/Kg	01/10/14	HM	SW8260	
Bromodichloromethane	ND	5.0	0.62	ug/Kg	01/10/14	HM	SW8260	
Bromoform	ND	5.0	0.70	ug/Kg	01/10/14	HM	SW8260	
Bromomethane	ND	5.0	3.9	ug/Kg	01/10/14	HM	SW8260	
Carbon Disulfide	ND	5.0	0.81	ug/Kg	01/10/14	HM	SW8260	
Carbon tetrachloride	ND	5.0	0.58	ug/Kg	01/10/14	HM	SW8260	
Chlorobenzene	ND	5.0	0.74	ug/Kg	01/10/14	HM	SW8260	
Chloroethane	ND	5.0	1.2	ug/Kg	01/10/14	HM	SW8260	
Chloroform	ND	5.0	0.91	ug/Kg	01/10/14	HM	SW8260	
Chloromethane	ND	5.0	2.6	ug/Kg	01/10/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	5.0	1.1	ug/Kg	01/10/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	5.0	0.54	ug/Kg	01/10/14	HM	SW8260	
Dibromochloromethane	ND	5.0	0.56	ug/Kg	01/10/14	HM	SW8260	
Dibromomethane	ND	5.0	0.63	ug/Kg	01/10/14	HM	SW8260	
Dichlorodifluoromethane	ND	5.0	1.3	ug/Kg	01/10/14	HM	SW8260	
Ethylbenzene	ND	5.0	0.91	ug/Kg	01/10/14	HM	SW8260	
Hexachlorobutadiene	ND	5.0	1.1	ug/Kg	01/10/14	HM	SW8260	
Isopropylbenzene	ND	5.0	0.96	ug/Kg	01/10/14	HM	SW8260	
m&p-Xylene	ND	5.0	2.0	ug/Kg	01/10/14	HM	SW8260	
Methyl Ethyl Ketone	ND	30	4.3	ug/Kg	01/10/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	1.4	ug/Kg	01/10/14	HM	SW8260	
Methylene chloride	ND	5.0	0.82	ug/Kg	01/10/14	HM	SW8260	
Naphthalene	ND	5.0	1.3	ug/Kg	01/10/14	HM	SW8260	
n-Butylbenzene	ND	5.0	0.91	ug/Kg	01/10/14	HM	SW8260	
n-Propylbenzene	ND	5.0	0.90	ug/Kg	01/10/14	HM	SW8260	
o-Xylene	ND	5.0	1.9	ug/Kg	01/10/14	HM	SW8260	
p-Isopropyltoluene	ND	5.0	0.72	ug/Kg	01/10/14	HM	SW8260	
sec-Butylbenzene	ND	5.0	0.94	ug/Kg	01/10/14	HM	SW8260	
Styrene	ND	5.0	1.4	ug/Kg	01/10/14	HM	SW8260	
tert-Butylbenzene	ND	5.0	0.80	ug/Kg	01/10/14	HM	SW8260	
Tetrachloroethene	ND	5.0	1.1	ug/Kg	01/10/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	10	4.5	ug/Kg	01/10/14	HM	SW8260	1
Toluene	ND	5.0	0.79	ug/Kg	01/10/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/Kg	01/10/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.0	1.0	ug/Kg	01/10/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	10	9.3	ug/Kg	01/10/14	HM	SW8260	
Trichloroethene	ND	5.0	1.1	ug/Kg	01/10/14	HM	SW8260	
Trichlorofluoromethane	ND	5.0	1.1	ug/Kg	01/10/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.0	0.78	ug/Kg	01/10/14	HM	SW8260	
Vinyl chloride	ND	5.0	1.6	ug/Kg	01/10/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	01/10/14	HM	70 - 121 %	
% Bromofluorobenzene	97			%	01/10/14	HM	59 - 113 %	

Project ID: 853 LEXINGTON AVE
Client ID: TRIP BLANK LOW

Phoenix I.D.: BF96277

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	100			%	01/10/14	HM	70 - 130 %
% Toluene-d8	98			%	01/10/14	HM	84 - 138 %

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 Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

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.
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Phyllis Shiller, Laboratory Director
January 21, 2014
Reviewed and Released by: Phyllis Shiller, Laboratory Director

Sample Criteria Exceedences Report

GBF96253 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF96254	MN-SM	Manganese	NY / 375-6.8 Metals / Unrestricted Use Soil	1720	36	1600	1600	mg/Kg
BF96255	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	86	50	50	50	ug/Kg
BF96256	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	26.7	0.8	16	16	mg/Kg
BF96256	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	26.7	0.8	16	16	mg/Kg
BF96256	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	26.7	0.8	13	13	mg/Kg
BF96256	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	127	0.8	63	63	mg/Kg
BF96256	SE-SMDP	Selenium	NY / 375-6.8 Metals / Unrestricted Use Soil	7.3	1.6	3.9	3.9	mg/Kg
BF96256	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	176	8.1	109	109	mg/Kg
BF96257	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	49.7	0.43	30		mg/Kg
BF96257	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	30.2	0.43	30	30	mg/Kg
BF96260	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	43.3	0.37	30		mg/Kg
BF96261	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	35.3	0.35	30	30	mg/Kg
BF96262	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	140	50	50	50	ug/Kg
BF96262	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.25	0.08	0.18	0.18	mg/Kg
BF96265	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	210	50	50	50	ug/Kg
BF96265	SE-SMDP	Selenium	NY / 375-6.8 Metals / Unrestricted Use Soil	4.5	1.6	3.9	3.9	mg/Kg
BF96266	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	37.6	0.39	30		mg/Kg
BF96268	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	55.4	0.38	30		mg/Kg
BF96270	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	55	50	50	50	ug/Kg
BF96271	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	150	50	50	50	ug/Kg
BF96272	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	160	50	50	50	ug/Kg
BF96272	AG-SM	Silver	NY / 375-6.8 Metals / Unrestricted Use Soil	2.99	0.40	2	2	mg/Kg
BF96272	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.7	0.40	30		mg/Kg
BF96272	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	43.5	0.40	30	30	mg/Kg
BF96273	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	190	50	50	50	ug/Kg
BF96274	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	41.9	0.42	30		mg/Kg
BF96276	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BF96276	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BF96276	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg
BF96276	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	160	250	50	50	ug/Kg

Sample Criteria Exceedences Report

GBF96253 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF96276	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BF96276	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BF96276	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BF96276	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg

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.

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

January 21, 2014

SDG I.D.: GBF96253

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

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4°C Pg 1 of 2

Data Delivery:
☐ Fax #:
☐ Email:

Customer: EBC
Address: 1808 Middle Country Road Ridge, NY

Project: 853 Lexington Ave.
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 1.7.14

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	TAL Metals	Pest/PCB 8081/8082	Soil VOA w/Methanol [ ] S. Bisulfate w/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
96253	B6 0-2		1.7.14		X	X	X	X								3	1	
96254	B6 10-12																	
96255	B6 43-45																	
96256	B7 0-2		1.6.14															
96257	B7 10-12																	
96258	B7 43-45																	
96259	*B8 0-2																	
96260	B8 10-12																	
96261	B8 43-45																	
96262	B9 0-2		1.7.14															
96263	B9 10-12																	
96264	B9 43-45																	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	1/8/14	1030
		1-8-14	1705

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☑ NY375 Unrestricted Soil
☑ NY375 Residential Soil
☑ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☑ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

Comments, Special Requirements or Regulations:
* Use sample B8 0-2 as MS/MSD

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Temp 4 Pg 2 of 2

Data Delivery:
☐ Fax #:
☐ Email:

Customer: EBC
Address: 1808 Middle Country Road Ridge NY

Project: 853 Lexington Ave
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 1-7-14

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs 8270	TAL Metals	Pest/PCBs 8081/8082	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] 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
96265	B10 0-2	S	1-6-14		X	X	X	X		3	1							
96266	B10 10-12																	
96267	B10 43-45																	
96268	B11 0-2		1-7-14															
96269	B11 6-8																	
96270	*B12 0-2									9	3							
96271	B12 6-8									3	1							
96272	B13 0-2																	
96273	B13 6-8																	
96274	Duplicate 1																	
96275	Duplicate 2																	
96276	Trip Blank High/Low																	

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	1-8-14	10:30
		1-8-14	1705

Comments, Special Requirements or Regulations:
* Use as MS/MSD

TB-LOW-96277

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☑ NY375 Unrestricted Soil
☑ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☑ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, January 22, 2014

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

Project ID: 853 LEXINGTON AVE., BROOKLYN
Sample ID#s: BF96565 - BF96570

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.

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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: 853 LEXINGTON AVE., BROOKLYN

Laboratory Project: GBF96565

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

January 22, 2014 **SDG I.D.: GBF96565**

Environmental Business Consultants 853 LEXINGTON AVE., BROOKLYN

SDG Comments

8081 Pesticides:
Toxaphene is reported to the lowest possible reporting level. The NY TOGS criteria for this compound can not be achieved.

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.

8270 Semivolatile Organics:
Full Scan Report:
Phenol, 2-Chlorophenol, Hexachlorobutadiene, and nitrobenzene were reported from the SIM analysis. Bis(2-chloroethyl)ether, 2-Methylphenol (o-cresol), 2-Nitrophenol, 2,4-Dimethylphenol, 2,4-Dichlorophenol, 4-Chloro-3-methylphenol, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,4-Dinitrophenol, 4-Nitrophenol, 4,6-Dinitro-2-methylphenol and 2,3,4,6-tetrachlorophenol were evaluated below the lowest calibration in order to achieve the requested reporting 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.

Methodology Summary

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.

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

January 22, 2014 **SDG I.D.: GBF96565**

Environmental Business Consultants 853 LEXINGTON AVE., BROOKLYN

Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW1	BF96565	GROUND WATER
MW2	BF96566	GROUND WATER
MW3	BF96567	GROUND WATER
MW4	BF96568	GROUND WATER
DUPLICATE	BF96569	GROUND WATER
TRIP BLANK	BF96570	GROUND WATER

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

January 22, 2014 **SDG I.D.: GBF96565**

Environmental Business Consultants 853 LEXINGTON AVE., BROOKLYN

Laboratory Chronicle

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

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

January 22, 2014

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:		01/08/14	9:00
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96565
Phoenix ID: BF96565

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005		0.005	0.001	mg/L	01/10/14	LK	SW6010
Aluminum	17.6		0.010	0.0024	mg/L	01/10/14	LK	SW6010
Arsenic - LDL	0.018		0.004	0.001	mg/L	01/10/14	LK	SW6010
Barium	0.200		0.010	0.0003	mg/L	01/10/14	LK	SW6010
Beryllium	< 0.001		0.001	0.001	mg/L	01/10/14	LK	SW6010
Calcium	69.1		0.010	0.003	mg/L	01/10/14	LK	SW6010
Cadmium	0.0004	B*	0.004	0.0002	mg/L	01/10/14	LK	SW6010
Cobalt	0.043		0.005	0.0003	mg/L	01/10/14	LK	SW6010
Chromium	0.084		0.001	0.0009	mg/L	01/10/14	LK	SW6010
Copper	0.070		0.005	0.001	mg/L	01/10/14	LK	SW6010
Silver (Dissolved)	< 0.005		0.005	0.0006	mg/L	01/10/14	EK	SW6010
Aluminum (Dissolved)	0.17		0.01	0.0026	mg/L	01/10/14	EK	SW6010
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	01/10/14	EK	SW6010
Barium (Dissolved)	0.072		0.011	0.0003	mg/L	01/10/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	01/10/14	EK	SW6010
Calcium (Dissolved)	67.6		0.01	0.003	mg/L	01/10/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	01/10/14	EK	SW6010
Cobalt, (Dissolved)	0.002	B	0.005	0.0003	mg/L	01/10/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	01/10/14	EK	SW6010
Copper, (Dissolved)	0.001	B*	0.005	0.001	mg/L	01/10/14	EK	SW6010
Iron, (Dissolved)	0.21		0.01	0.005	mg/L	01/10/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470
Potassium (Dissolved)	4.6		0.1	0.1	mg/L	01/10/14	EK	SW6010
Magnesium (Dissolved)	29.5		0.01	0.001	mg/L	01/10/14	EK	SW6010
Manganese, (Dissolved)	0.149		0.005	0.001	mg/L	01/10/14	EK	SW6010
Sodium (Dissolved)	44.7		1.1	1.1	mg/L	01/10/14	EK	SW6010
Nickel, (Dissolved)	0.006		0.004	0.0005	mg/L	01/10/14	EK	SW6010
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	01/10/14	EK	SW6010

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW1

Phoenix I.D.: BF96565

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	01/13/14	T/R	7010	
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium, (Dissolved)	< 0.01		0.01	0.001	mg/L	01/10/14	EK	SW6010	
Zinc, (Dissolved)	0.003	B	0.011	0.001	mg/L	01/10/14	EK	SW6010	
Iron	64.4		0.01	0.005	mg/L	01/10/14	LK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470	
Potassium	8.5		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Magnesium	36.0		0.01	0.001	mg/L	01/10/14	LK	SW6010	
Manganese	2.13		0.050	0.010	mg/L	01/09/14	LK	SW6010	
Sodium	53.2		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Nickel	0.064		0.004	0.0005	mg/L	01/10/14	LK	SW6010	
Lead	0.032		0.002	0.001	mg/L	01/10/14	LK	SW6010	
QC for AA	Completed					01/14/14			
QC for Mercury	Completed					01/14/14			
QC for ICP	Completed					01/10/14		SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium	< 0.004		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium - LDL	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium	0.064		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Zinc	0.106		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Filtration	Completed					01/09/14	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					01/10/14	I/I	SW7470	
Mercury Digestion MS/MSD	Completed					01/10/14		SW7471	
Mercury Digestion	Completed					01/10/14	I/I	SW7470	
MS/MSD Ext. For PCB	Completed					01/14/14			
MS/MSD Ext. for Pesticide	Completed					01/14/14			
PCB Extraction	Completed					01/14/14	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					01/14/14	L	SW3510	
Semi-Volatile Extraction	Completed					01/09/14	E/X	SW3520	
MS/MSD Ext. for Semi-Vol.	Completed					01/10/14			
Dissolved Metals Preparation	Completed					01/09/14	Z/Z	SW846-3005	
Metals Digest MS/MSD	Completed					01/10/14			
Total Metals Digest MS/MSD	Completed					01/10/14			
Total Metals Digestion	Completed					01/09/14	AG	SW846 - 3050	

Pesticides

4,4' -DDD	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDE	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDT	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-BHC	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-chlordane	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Alachlor	ND		0.075	0.075	ug/L	01/15/14	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
b-BHC	ND		0.005	0.005	ug/L	01/15/14	MH	SW8081	
Chlordane	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
d-BHC	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Dieldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
Endosulfan I	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endosulfan II	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Endosulfan Sulfate	ND	0.050	0.050	ug/L	01/15/14	MH	SW8081
Endrin	ND	0.010	0.010	ug/L	01/15/14	MH	SW8081
Endrin Aldehyde	ND	0.050	0.050	ug/L	01/15/14	MH	SW8081
Endrin ketone	ND	0.050	0.050	ug/L	01/15/14	MH	SW8081
g-BHC (Lindane)	ND	0.025	0.025	ug/L	01/15/14	MH	SW8081
g-chlordane	ND	0.025	0.025	ug/L	01/15/14	MH	SW8081
Heptachlor	ND	0.010	0.010	ug/L	01/15/14	MH	SW8081
Heptachlor epoxide	ND	0.010	0.010	ug/L	01/15/14	MH	SW8081
Methoxychlor	ND	0.10	0.10	ug/L	01/15/14	MH	SW8081
Toxaphene	ND	0.25	0.25	ug/L	01/15/14	MH	SW8081
QA/QC Surrogates							
%DCBP (Surrogate Rec)	26*			%	01/15/14	MH	SW8081
%TCMX (Surrogate Rec)	66			%	01/15/14	MH	SW8081
Polychlorinated Biphenyls							
PCB-1016	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1221	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1232	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1242	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1248	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1254	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1260	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1262	ND	0.072	0.072	ug/L	01/10/14	AW	8082
PCB-1268	ND	0.072	0.072	ug/L	01/10/14	AW	8082
QA/QC Surrogates							
% DCBP	51			%	01/10/14	AW	30 - 150 %
% TCMX	61			%	01/10/14	AW	30 - 150 %
QC for PCB	Completed				01/13/14	AW	
QC for Pesticides	Completed				01/16/14		
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	01/12/14	RM	SW8260
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	01/12/14	RM	SW8260
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	01/12/14	RM	SW8260
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260
1,1-Dichloroethane	ND	5.0	0.23	ug/L	01/12/14	RM	SW8260
1,1-Dichloroethene	ND	1.0	0.24	ug/L	01/12/14	RM	SW8260
1,1-Dichloropropene	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	01/12/14	RM	SW8260
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	01/12/14	RM	SW8260
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	01/12/14	RM	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	01/12/14	RM	SW8260
1,2-Dibromoethane	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	01/12/14	RM	SW8260
1,2-Dichloroethane	ND	0.6	0.20	ug/L	01/12/14	RM	SW8260
1,2-Dichloropropane	ND	1.0	0.18	ug/L	01/12/14	RM	SW8260
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	01/12/14	RM	SW8260
1,3-Dichlorobenzene	ND	3	0.19	ug/L	01/12/14	RM	SW8260

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW1

Phoenix I.D.: BF96565

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	01/12/14	RM	SW8260	
2-Isopropyltoluene	0.48	J	1.0	0.21	ug/L	01/12/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Acetone	6.7		5.0	0.31	ug/L	01/12/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/12/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/12/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/12/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/12/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	01/12/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/12/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/12/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	01/12/14	RM	SW8260	
cis-1,2-Dichloroethene	2.2		1.0	0.23	ug/L	01/12/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/12/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/12/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/12/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	01/12/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/12/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/12/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
sec-Butylbenzene	1.2		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/12/14	RM	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Tetrachloroethene	15		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/12/14	RM	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/12/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW1

Phoenix I.D.: BF96565

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Trichloroethene	19	1.0	0.18	ug/L	01/12/14	RM	SW8260
Trichlorofluoromethane	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260
Vinyl chloride	ND	1.0	0.14	ug/L	01/12/14	RM	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102			%	01/12/14	RM	70 - 121 %
% Bromofluorobenzene	89			%	01/12/14	RM	59 - 113 %
% Dibromofluoromethane	99			%	01/12/14	RM	70 - 130 %
% Toluene-d8	100			%	01/12/14	RM	84 - 138 %
QC for Volatile					01/12/14	RM	
QC for Volatile					01/12/14	RM	
MS/MSD Volatiles					01/12/14	RM	
Semivolatiles							
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND	3	1.4	ug/L	01/13/14	DD	SW 8270
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
2-Chlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
2-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	01/13/14	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Chloroaniline	ND	5	2.3	ug/L	01/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitroaniline	ND	5	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Aniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Benzidine	ND	5	2.9	ug/L	01/13/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	01/13/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW1

Phoenix I.D.: BF96565

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	1	1	ug/L	01/13/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
Carbazole	ND	25	3.8	ug/L	01/13/14	DD	SW 8270	
Dibenzofuran	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270	
Diethyl phthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
Dimethylphthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
Di-n-butylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270	
Di-n-octylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270	
Fluoranthene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
Fluorene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270	
Hexachlorobutadiene	ND	0.5	0.5	ug/L	01/13/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270	
Isophorone	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
Naphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
Nitrobenzene	ND	0.4	0.4	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	01/13/14	DD	SW 8270	
Phenol	ND	1	1	ug/L	01/13/14	DD	SW 8270	
Pyrene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270	
Pyridine	ND	10	1.2	ug/L	01/13/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	117			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	93			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	76			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	100			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	80			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	92			%	01/13/14	DD	18 - 137 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Benz(a)anthracene	0.07	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	B*
Benzo(a)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	01/13/14	DD	SW8270 (SIM)	
Chrysene	0.05	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	0.80	ug/L	01/13/14	DD	SW8270 (SIM)	
Phenanthrene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	117			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	93			%	01/13/14	DD	30 - 115 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: MW1

Phoenix I.D.: BF96565

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	76			%	01/13/14	DD	25 - 121 %
% Nitrobenzene-d5	100			%	01/13/14	DD	23 - 120 %
% Phenol-d5	80			%	01/13/14	DD	24 - 113 %
% Terphenyl-d14	92			%	01/13/14	DD	18 - 137 %
QC for Semi-Volatile	Completed				01/14/14		

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

* Poor surrogate recovery was observed. Sample was re-extracted with similar results.

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

January 22, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 22, 2014

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:		01/08/14	10:00
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96565
Phoenix ID: BF96566

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005		0.005	0.001	mg/L	01/10/14	LK	SW6010
Aluminum	35.2		0.10	0.024	mg/L	01/09/14	LK	SW6010
Arsenic - LDL	0.021		0.004	0.001	mg/L	01/10/14	LK	SW6010
Barium	0.409		0.010	0.0003	mg/L	01/10/14	LK	SW6010
Beryllium	0.002		0.001	0.001	mg/L	01/10/14	LK	SW6010
Calcium	81.4		0.010	0.003	mg/L	01/10/14	LK	SW6010
Cadmium	0.002	B*	0.004	0.0002	mg/L	01/10/14	LK	SW6010
Cobalt	0.074		0.005	0.0003	mg/L	01/10/14	LK	SW6010
Chromium	0.195		0.001	0.0009	mg/L	01/10/14	LK	SW6010
Copper	0.174		0.005	0.001	mg/L	01/10/14	LK	SW6010
Silver (Dissolved)	< 0.005		0.005	0.0006	mg/L	01/10/14	EK	SW6010
Aluminum (Dissolved)	0.06		0.01	0.0026	mg/L	01/10/14	EK	SW6010
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	01/10/14	EK	SW6010
Barium (Dissolved)	0.079		0.011	0.0003	mg/L	01/10/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	01/10/14	EK	SW6010
Calcium (Dissolved)	75.1		0.01	0.003	mg/L	01/10/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	01/10/14	EK	SW6010
Cobalt, (Dissolved)	0.002	B	0.005	0.0003	mg/L	01/10/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	01/10/14	EK	SW6010
Copper, (Dissolved)	0.001	B*	0.005	0.001	mg/L	01/10/14	EK	SW6010
Iron, (Dissolved)	0.03		0.01	0.005	mg/L	01/10/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470
Potassium (Dissolved)	2.8		0.1	0.1	mg/L	01/10/14	EK	SW6010
Magnesium (Dissolved)	31.0		0.01	0.001	mg/L	01/10/14	EK	SW6010
Manganese, (Dissolved)	0.466		0.005	0.001	mg/L	01/10/14	EK	SW6010
Sodium (Dissolved)	44.9		0.11	0.1	mg/L	01/10/14	EK	SW6010
Nickel, (Dissolved)	0.007		0.004	0.0005	mg/L	01/10/14	EK	SW6010
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	01/10/14	EK	SW6010

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW2

Phoenix I.D.: BF96566

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium, (Dissolved)	< 0.01		0.01	0.001	mg/L	01/10/14	EK	SW6010	
Zinc, (Dissolved)	0.008	B	0.011	0.001	mg/L	01/10/14	EK	SW6010	
Iron	110		0.01	0.005	mg/L	01/10/14	LK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470	
Potassium	9.0		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Magnesium	43.3		0.01	0.001	mg/L	01/10/14	LK	SW6010	
Manganese	4.17		0.050	0.010	mg/L	01/09/14	LK	SW6010	
Sodium	39.9		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Nickel	0.107		0.004	0.0005	mg/L	01/10/14	LK	SW6010	
Lead	0.052		0.002	0.001	mg/L	01/10/14	LK	SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium	< 0.004		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium - LDL	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium	0.108		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Zinc	0.327		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Filtration	Completed					01/09/14	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					01/10/14	I/I	SW7470	
Mercury Digestion	Completed					01/10/14	I/I	SW7470	
PCB Extraction	Completed					01/14/14	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					01/14/14	L	SW3510	
Semi-Volatile Extraction	Completed					01/09/14	E/X	SW3520	
Dissolved Metals Preparation	Completed					01/09/14	Z/Z	SW846-3005	
Total Metals Digestion	Completed					01/09/14	AG	SW846 - 3050	

Pesticides

4,4' -DDD	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDE	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDT	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-BHC	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-chlordane	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Alachlor	ND		0.075	0.075	ug/L	01/15/14	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
b-BHC	ND		0.005	0.005	ug/L	01/15/14	MH	SW8081	
Chlordane	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
d-BHC	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Dieldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
Endosulfan I	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endosulfan II	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endosulfan Sulfate	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endrin	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Endrin Aldehyde	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endrin ketone	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
g-BHC (Lindane)	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
g-chlordane	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Heptachlor	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Heptachlor epoxide	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Methoxychlor	ND		0.10	0.10	ug/L	01/15/14	MH	SW8081	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Toxaphene	ND		0.25	0.25	ug/L	01/15/14	MH	SW8081	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	45				%	01/15/14	MH	SW8081	
%TCMX (Surrogate Rec)	72				%	01/15/14	MH	SW8081	
Polychlorinated Biphenyls									
PCB-1016	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1221	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1232	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1242	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1248	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1254	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1260	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1262	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1268	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
QA/QC Surrogates									
% DCBP	46				%	01/10/14	AW	30 - 150 %	
% TCMX	67				%	01/10/14	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	01/12/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
1,2-Dichloroethane	ND		0.6	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3	0.19	ug/L	01/12/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	01/12/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Acetone	3.2	J	5.0	0.31	ug/L	01/12/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/12/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/12/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/12/14	RM	SW8260	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/12/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	01/12/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/12/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/12/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	01/12/14	RM	SW8260	
cis-1,2-Dichloroethene	1.4		1.0	0.23	ug/L	01/12/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/12/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/12/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/12/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	01/12/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/12/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/12/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/12/14	RM	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Tetrachloroethene	14		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/12/14	RM	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,2-Dichloroethene	0.25	J	5.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/12/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
Trichloroethene	17		1.0	0.18	ug/L	01/12/14	RM	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/12/14	RM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	107				%	01/12/14	RM	70 - 121 %	
% Bromofluorobenzene	90				%	01/12/14	RM	59 - 113 %	
% Dibromofluoromethane	106				%	01/12/14	RM	70 - 130 %	
% Toluene-d8	99				%	01/12/14	RM	84 - 138 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	01/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND		3	1.4	ug/L	01/13/14	DD	SW 8270

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
2-Chlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
2-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	01/13/14	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Chloroaniline	ND	5	2.3	ug/L	01/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitroaniline	ND	5	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Aniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Benzidine	ND	5	2.9	ug/L	01/13/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	01/13/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1	1	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	01/13/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
Hexachlorobutadiene	ND	0.5	0.5	ug/L	01/13/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Nitrobenzene	ND	0.4	0.4	ug/L	01/13/14	DD	SW 8270

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	01/13/14	DD	SW 8270	
Phenol	ND	1	1	ug/L	01/13/14	DD	SW 8270	
Pyrene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270	
Pyridine	ND	10	1.2	ug/L	01/13/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	109			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	89			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	72			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	94			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	74			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	98			%	01/13/14	DD	18 - 137 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Benz(a)anthracene	0.05	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	B*
Benzo(a)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	01/13/14	DD	SW8270 (SIM)	
Chrysene	0.04	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	0.80	ug/L	01/13/14	DD	SW8270 (SIM)	
Phenanthrene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	109			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	89			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	72			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	94			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	74			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	98			%	01/13/14	DD	18 - 137 %	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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

January 22, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 22, 2014

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:		01/08/14	11:00
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96565
Phoenix ID: BF96567

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005		0.005	0.001	mg/L	01/10/14	LK	SW6010
Aluminum	18.9		0.010	0.0024	mg/L	01/10/14	LK	SW6010
Arsenic - LDL	0.016		0.004	0.001	mg/L	01/10/14	LK	SW6010
Barium	0.224		0.010	0.0003	mg/L	01/10/14	LK	SW6010
Beryllium	0.001		0.001	0.001	mg/L	01/10/14	LK	SW6010
Calcium	45.2		0.010	0.003	mg/L	01/10/14	LK	SW6010
Cadmium	0.001	B*	0.004	0.0002	mg/L	01/10/14	LK	SW6010
Cobalt	0.048		0.005	0.0003	mg/L	01/10/14	LK	SW6010
Chromium	0.077		0.001	0.0009	mg/L	01/10/14	LK	SW6010
Copper	0.074		0.005	0.001	mg/L	01/10/14	LK	SW6010
Silver (Dissolved)	< 0.005		0.005	0.0006	mg/L	01/10/14	EK	SW6010
Aluminum (Dissolved)	0.10		0.01	0.0026	mg/L	01/14/14	EK	SW6010
Arsenic, (Dissolved)	0.008		0.003	0.001	mg/L	01/10/14	EK	SW6010
Barium (Dissolved)	0.049		0.011	0.0003	mg/L	01/10/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	01/10/14	EK	SW6010
Calcium (Dissolved)	40.3		0.01	0.003	mg/L	01/10/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	01/10/14	EK	SW6010
Cobalt, (Dissolved)	0.001	B	0.005	0.0003	mg/L	01/10/14	EK	SW6010
Chromium (Dissolved)	0.007		0.001	0.0010	mg/L	01/10/14	EK	SW6010
Copper, (Dissolved)	0.004	B*	0.005	0.001	mg/L	01/10/14	EK	SW6010
Iron, (Dissolved)	0.03		0.01	0.005	mg/L	01/13/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470
Potassium (Dissolved)	2.7		0.1	0.1	mg/L	01/10/14	EK	SW6010
Magnesium (Dissolved)	20.6		0.01	0.001	mg/L	01/10/14	EK	SW6010
Manganese, (Dissolved)	0.079	*	0.005	0.001	mg/L	01/10/14	EK	SW6010
Sodium (Dissolved)	10.4		0.11	0.1	mg/L	01/10/14	EK	SW6010
Nickel, (Dissolved)	0.007	*	0.004	0.0005	mg/L	01/10/14	EK	SW6010
Lead (Dissolved)	0.003	*	0.002	0.001	mg/L	01/10/14	EK	SW6010

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Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	01/14/14	RS	7010	
Vanadium, (Dissolved)	0.00	B	0.01	0.001	mg/L	01/10/14	EK	SW6010	
Zinc, (Dissolved)	0.007	B	0.011	0.001	mg/L	01/10/14	EK	SW6010	
Iron	66.2		0.01	0.005	mg/L	01/10/14	LK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470	
Potassium	5.4		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Magnesium	29.1		0.01	0.001	mg/L	01/10/14	LK	SW6010	
Manganese	2.72		0.050	0.010	mg/L	01/09/14	LK	SW6010	
Sodium	9.9		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Nickel	0.071		0.004	0.0005	mg/L	01/10/14	LK	SW6010	
Lead	0.032		0.002	0.001	mg/L	01/10/14	LK	SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium	< 0.004		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium - LDL	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium	0.064		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Zinc	0.116		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Filtration	Completed					01/10/14	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					01/10/14	I/I	SW7470	
Mercury Digestion	Completed					01/10/14	I/I	SW7470	
PCB Extraction	Completed					01/14/14	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					01/14/14	L	SW3510	
Semi-Volatile Extraction	Completed					01/09/14	E/X	SW3520	
Dissolved Metals Preparation	Completed					01/10/14	Z/Z	SW846-3005	
Total Metals Digestion	Completed					01/09/14	AG	SW846 - 3050	
Pesticides									
4,4' -DDD	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDE	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDT	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-BHC	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-chlordane	ND		0.026	0.026	ug/L	01/15/14	MH	SW8081	
Alachlor	ND		0.077	0.077	ug/L	01/15/14	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
b-BHC	ND		0.005	0.005	ug/L	01/15/14	MH	SW8081	
Chlordane	ND		0.050	0.052	ug/L	01/15/14	MH	SW8081	
d-BHC	ND		0.026	0.026	ug/L	01/15/14	MH	SW8081	
Dieldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
Endosulfan I	ND		0.052	0.052	ug/L	01/15/14	MH	SW8081	
Endosulfan II	ND		0.052	0.052	ug/L	01/15/14	MH	SW8081	
Endosulfan Sulfate	ND		0.052	0.052	ug/L	01/15/14	MH	SW8081	
Endrin	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Endrin Aldehyde	ND		0.052	0.052	ug/L	01/15/14	MH	SW8081	
Endrin ketone	ND		0.052	0.052	ug/L	01/15/14	MH	SW8081	
g-BHC (Lindane)	ND		0.026	0.026	ug/L	01/15/14	MH	SW8081	
g-chlordane	ND		0.026	0.026	ug/L	01/15/14	MH	SW8081	
Heptachlor	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Heptachlor epoxide	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Methoxychlor	ND		0.10	0.10	ug/L	01/15/14	MH	SW8081	

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Toxaphene	ND		0.26	0.26	ug/L	01/15/14	MH	SW8081	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	47				%	01/15/14	MH	SW8081	
%TCMX (Surrogate Rec)	65				%	01/15/14	MH	SW8081	
Polychlorinated Biphenyls									
PCB-1016	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1221	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1232	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1242	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1248	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1254	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1260	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1262	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1268	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
QA/QC Surrogates									
% DCBP	51				%	01/10/14	AW	30 - 150 %	
% TCMX	72				%	01/10/14	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	01/12/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
1,2-Dichloroethane	ND		0.6	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3	0.19	ug/L	01/12/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	01/12/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Acetone	3.6	J	5.0	0.31	ug/L	01/12/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/12/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/12/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/12/14	RM	SW8260	

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Bromobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/12/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	01/12/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/12/14	RM	SW8260	
Chloroform	1.1	J	5.0	0.22	ug/L	01/12/14	RM	SW8260	
Chloromethane	0.21	J	5.0	0.21	ug/L	01/12/14	RM	SW8260	
cis-1,2-Dichloroethene	0.82	J	1.0	0.23	ug/L	01/12/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/12/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/12/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/12/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	01/12/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/12/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/12/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/12/14	RM	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Tetrachloroethene	39		5	5	ug/L	01/13/14	RM	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/12/14	RM	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/12/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
Trichloroethene	29		1.0	0.18	ug/L	01/12/14	RM	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/12/14	RM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	105				%	01/12/14	RM	70 - 121 %	
% Bromofluorobenzene	89				%	01/12/14	RM	59 - 113 %	
% Dibromofluoromethane	103				%	01/12/14	RM	70 - 130 %	
% Toluene-d8	97				%	01/12/14	RM	84 - 138 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	01/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND		3	1.4	ug/L	01/13/14	DD	SW 8270

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1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
2-Chlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
2-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	01/13/14	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Chloroaniline	ND	5	2.3	ug/L	01/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitroaniline	ND	5	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Aniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Benzidine	ND	5	2.9	ug/L	01/13/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	01/13/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1	1	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	01/13/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
Hexachlorobutadiene	ND	0.5	0.5	ug/L	01/13/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Nitrobenzene	ND	0.4	0.4	ug/L	01/13/14	DD	SW 8270

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N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	01/13/14	DD	SW 8270	
Phenol	ND	1	1	ug/L	01/13/14	DD	SW 8270	
Pyrene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270	
Pyridine	ND	10	1.2	ug/L	01/13/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	104			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	93			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	78			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	97			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	80			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	91			%	01/13/14	DD	18 - 137 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Benz(a)anthracene	0.12	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	B*
Benzo(a)pyrene	0.06	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	0.11	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(ghi)perylene	0.04	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	0.04	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	3	1.6	1.4	ug/L	01/13/14	DD	SW8270 (SIM)	
Chrysene	0.13	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	0.03	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	0.80	ug/L	01/13/14	DD	SW8270 (SIM)	
Phenanthrene	0.29	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	104			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	93			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	78			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	97			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	80			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	91			%	01/13/14	DD	18 - 137 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BF96567

Client ID: MW3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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

January 22, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 22, 2014

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:		01/08/14	12:00
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96565
Phoenix ID: BF96568

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW4

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005		0.005	0.001	mg/L	01/10/14	LK	SW6010
Aluminum	32.9		0.10	0.024	mg/L	01/09/14	LK	SW6010
Arsenic - LDL	0.024		0.004	0.001	mg/L	01/10/14	LK	SW6010
Barium	0.454		0.010	0.0003	mg/L	01/10/14	LK	SW6010
Beryllium	0.002		0.001	0.001	mg/L	01/10/14	LK	SW6010
Calcium	62.9		0.010	0.003	mg/L	01/10/14	LK	SW6010
Cadmium	0.002	B*	0.004	0.0002	mg/L	01/10/14	LK	SW6010
Cobalt	0.105		0.005	0.0003	mg/L	01/10/14	LK	SW6010
Chromium	0.137		0.001	0.0009	mg/L	01/10/14	LK	SW6010
Copper	0.139		0.005	0.001	mg/L	01/10/14	LK	SW6010
Silver (Dissolved)	< 0.005		0.005	0.0006	mg/L	01/10/14	EK	SW6010
Aluminum (Dissolved)	0.06		0.01	0.0026	mg/L	01/10/14	EK	SW6010
Arsenic, (Dissolved)	0.001	B	0.003	0.001	mg/L	01/10/14	EK	SW6010
Barium (Dissolved)	0.065		0.011	0.0003	mg/L	01/10/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	01/10/14	EK	SW6010
Calcium (Dissolved)	58.9		0.01	0.003	mg/L	01/10/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	01/10/14	EK	SW6010
Cobalt, (Dissolved)	0.004	B	0.005	0.0003	mg/L	01/10/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	01/10/14	EK	SW6010
Copper, (Dissolved)	< 0.005	*	0.005	0.001	mg/L	01/10/14	EK	SW6010
Iron, (Dissolved)	0.10		0.01	0.005	mg/L	01/10/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470
Potassium (Dissolved)	7.9		0.1	0.1	mg/L	01/10/14	EK	SW6010
Magnesium (Dissolved)	20.7		0.01	0.001	mg/L	01/10/14	EK	SW6010
Manganese, (Dissolved)	0.960		0.005	0.001	mg/L	01/10/14	EK	SW6010
Sodium (Dissolved)	19.8		0.11	0.1	mg/L	01/10/14	EK	SW6010
Nickel, (Dissolved)	0.017		0.004	0.0005	mg/L	01/10/14	EK	SW6010
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	01/10/14	EK	SW6010

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW4

Phoenix I.D.: BF96568

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium, (Dissolved)	0.008		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium, (Dissolved)	< 0.01		0.01	0.001	mg/L	01/10/14	EK	SW6010	
Zinc, (Dissolved)	0.002	B	0.011	0.001	mg/L	01/10/14	EK	SW6010	
Iron	137		0.10	0.050	mg/L	01/09/14	LK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470	
Potassium	13.5		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Magnesium	34.3		0.01	0.001	mg/L	01/10/14	LK	SW6010	
Manganese	9.00		0.050	0.010	mg/L	01/09/14	LK	SW6010	
Sodium	18.6		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Nickel	0.186		0.004	0.0005	mg/L	01/10/14	LK	SW6010	
Lead	0.052		0.002	0.001	mg/L	01/10/14	LK	SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium	0.002	B	0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium - LDL	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium	0.134		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Zinc	0.158		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Filtration	Completed					01/09/14	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					01/10/14	I/I	SW7470	
Mercury Digestion	Completed					01/10/14	I/I	SW7470	
PCB Extraction	Completed					01/14/14	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					01/14/14	L	SW3510	
Semi-Volatile Extraction	Completed					01/09/14	E/X	SW3520	
Dissolved Metals Preparation	Completed					01/09/14	Z/Z	SW846-3005	
Total Metals Digestion	Completed					01/09/14	AG	SW846 - 3050	

Pesticides

4,4' -DDD	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDE	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
4,4' -DDT	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-BHC	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
a-chlordane	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Alachlor	ND		0.075	0.075	ug/L	01/15/14	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
b-BHC	ND		0.005	0.005	ug/L	01/15/14	MH	SW8081	
Chlordane	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
d-BHC	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Dieldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
Endosulfan I	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endosulfan II	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endosulfan Sulfate	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endrin	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Endrin Aldehyde	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
Endrin ketone	ND		0.050	0.050	ug/L	01/15/14	MH	SW8081	
g-BHC (Lindane)	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
g-chlordane	ND		0.025	0.025	ug/L	01/15/14	MH	SW8081	
Heptachlor	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Heptachlor epoxide	ND		0.010	0.010	ug/L	01/15/14	MH	SW8081	
Methoxychlor	ND		0.10	0.10	ug/L	01/15/14	MH	SW8081	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW4

Phoenix I.D.: BF96568

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Toxaphene	ND		0.25	0.25	ug/L	01/15/14	MH	SW8081	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	34				%	01/15/14	MH	SW8081	
%TCMX (Surrogate Rec)	72				%	01/15/14	MH	SW8081	
Polychlorinated Biphenyls									
PCB-1016	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1221	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1232	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1242	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1248	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1254	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1260	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1262	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
PCB-1268	ND		0.072	0.072	ug/L	01/15/14	AW	8082	
QA/QC Surrogates									
% DCBP	42				%	01/15/14	AW	30 - 150 %	
% TCMX	68				%	01/15/14	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	01/12/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
1,2-Dichloroethane	ND		0.6	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3	0.19	ug/L	01/12/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	01/12/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Acetone	4.0	J	5.0	0.31	ug/L	01/12/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/12/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/12/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/12/14	RM	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bromobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/12/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	01/12/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/12/14	RM	SW8260	
Chloroform	0.71	J	5.0	0.22	ug/L	01/12/14	RM	SW8260	
Chloromethane	0.68	J	5.0	0.21	ug/L	01/12/14	RM	SW8260	
cis-1,2-Dichloroethene	6.5		1.0	0.23	ug/L	01/12/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/12/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/12/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/12/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	01/12/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/12/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	01/12/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/12/14	RM	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Tetrachloroethene	170		10	2.4	ug/L	01/13/14	RM	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/12/14	RM	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,2-Dichloroethene	0.83	J	5.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/12/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
Trichloroethene	120		10	1.8	ug/L	01/13/14	RM	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/12/14	RM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	105				%	01/12/14	RM	70 - 121 %	
% Bromofluorobenzene	87				%	01/12/14	RM	59 - 113 %	
% Dibromofluoromethane	107				%	01/12/14	RM	70 - 130 %	
% Toluene-d8	98				%	01/12/14	RM	84 - 138 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND		5.0	1.5	ug/L	01/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND		3	1.4	ug/L	01/13/14	DD	SW 8270

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW4

Phoenix I.D.: BF96568

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
2-Chlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
2-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	01/13/14	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Chloroaniline	ND	5	2.3	ug/L	01/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitroaniline	ND	5	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Aniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Benzidine	ND	5	2.9	ug/L	01/13/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	01/13/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1	1	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	01/13/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
Hexachlorobutadiene	ND	0.5	0.5	ug/L	01/13/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Nitrobenzene	ND	0.4	0.4	ug/L	01/13/14	DD	SW 8270

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: MW4

Phoenix I.D.: BF96568

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	01/13/14	DD	SW 8270	
Phenol	ND	1	1	ug/L	01/13/14	DD	SW 8270	
Pyrene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270	
Pyridine	ND	10	1.2	ug/L	01/13/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	103			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	95			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	72			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	94			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	76			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	112			%	01/13/14	DD	18 - 137 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Benz(a)anthracene	0.03	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	B*
Benzo(a)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	01/13/14	DD	SW8270 (SIM)	
Chrysene	0.02	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	0.80	ug/L	01/13/14	DD	SW8270 (SIM)	
Phenanthrene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	103			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	95			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	72			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	94			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	76			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	112			%	01/13/14	DD	18 - 137 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: MW4

Phoenix I.D.: BF96568

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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

January 22, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 22, 2014

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:		01/08/14	0:00
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96565
Phoenix ID: BF96569

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.005		0.005	0.001	mg/L	01/10/14	LK	SW6010
Aluminum	11.0		0.010	0.0024	mg/L	01/10/14	LK	SW6010
Arsenic - LDL	0.014		0.004	0.001	mg/L	01/10/14	LK	SW6010
Barium	0.151		0.010	0.0003	mg/L	01/10/14	LK	SW6010
Beryllium	< 0.001		0.001	0.001	mg/L	01/10/14	LK	SW6010
Calcium	68.7		0.010	0.003	mg/L	01/10/14	LK	SW6010
Cadmium	0.001	B*	0.004	0.0002	mg/L	01/10/14	LK	SW6010
Cobalt	0.025		0.005	0.0003	mg/L	01/10/14	LK	SW6010
Chromium	0.053		0.001	0.0009	mg/L	01/10/14	LK	SW6010
Copper	0.042		0.005	0.001	mg/L	01/10/14	LK	SW6010
Silver (Dissolved)	< 0.005		0.005	0.0006	mg/L	01/10/14	EK	SW6010
Aluminum (Dissolved)	0.07		0.01	0.0026	mg/L	01/14/14	EK	SW6010
Arsenic, (Dissolved)	0.003		0.003	0.001	mg/L	01/10/14	EK	SW6010
Barium (Dissolved)	0.072		0.011	0.0003	mg/L	01/10/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	01/10/14	EK	SW6010
Calcium (Dissolved)	70.3		0.01	0.003	mg/L	01/10/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0002	mg/L	01/10/14	EK	SW6010
Cobalt, (Dissolved)	0.004	B	0.005	0.0003	mg/L	01/10/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.0010	mg/L	01/10/14	EK	SW6010
Copper, (Dissolved)	< 0.005	*	0.005	0.001	mg/L	01/10/14	EK	SW6010
Iron, (Dissolved)	0.02		0.01	0.005	mg/L	01/13/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470
Potassium (Dissolved)	4.8		0.1	0.1	mg/L	01/10/14	EK	SW6010
Magnesium (Dissolved)	30.7		0.01	0.001	mg/L	01/10/14	EK	SW6010
Manganese, (Dissolved)	0.329	*	0.005	0.001	mg/L	01/10/14	EK	SW6010
Sodium (Dissolved)	52.9		1.1	1.1	mg/L	01/10/14	EK	SW6010
Nickel, (Dissolved)	0.007	*	0.004	0.0005	mg/L	01/10/14	EK	SW6010
Lead (Dissolved)	< 0.002	*	0.002	0.001	mg/L	01/10/14	EK	SW6010

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BF96569

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	01/14/14	RS	7010	
Vanadium, (Dissolved)	< 0.01		0.01	0.001	mg/L	01/10/14	EK	SW6010	
Zinc, (Dissolved)	0.003	B	0.011	0.001	mg/L	01/10/14	EK	SW6010	
Iron	39.2		0.01	0.005	mg/L	01/10/14	LK	SW6010	
Mercury	< 0.0002		0.0002	0.00015	mg/L	01/10/14	RS	SW7470	
Potassium	6.3		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Magnesium	33.7		0.01	0.001	mg/L	01/10/14	LK	SW6010	
Manganese	1.20		0.005	0.001	mg/L	01/10/14	LK	SW6010	
Sodium	48.2		1.0	1.0	mg/L	01/09/14	LK	SW6010	
Nickel	0.041		0.004	0.0005	mg/L	01/10/14	LK	SW6010	
Lead	0.018		0.002	0.001	mg/L	01/10/14	LK	SW6010	
Antimony	< 0.003		0.003	0.003	mg/L	01/14/14	RS	7010	
Selenium	< 0.004		0.004	0.002	mg/L	01/13/14	RS	7010	
Thallium - LDL	< 0.0005		0.0005	0.0005	mg/L	01/10/14	RS	7010	
Vanadium	0.040		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Zinc	0.067		0.010	0.001	mg/L	01/10/14	LK	SW6010	
Filtration	Completed					01/10/14	Z/Z	0.45um Filter	
Dissolved Mercury Digestion	Completed					01/10/14	I/I	SW7470	
Mercury Digestion	Completed					01/10/14	I/I	SW7470	
PCB Extraction	Completed					01/14/14	L	SW3510C	
Extraction for Pest (2 Liter)	Completed					01/14/14	L	SW3510	
Semi-Volatile Extraction	Completed					01/09/14	E/X	SW3520	
Dissolved Metals Preparation	Completed					01/10/14	Z/Z	SW846-3005	
Total Metals Digestion	Completed					01/09/14	AG	SW846 - 3050	

Pesticides

4,4' -DDD	ND		0.010	0.012	ug/L	01/15/14	MH	SW8081	
4,4' -DDE	ND		0.010	0.012	ug/L	01/15/14	MH	SW8081	
4,4' -DDT	ND		0.010	0.012	ug/L	01/15/14	MH	SW8081	
a-BHC	ND		0.010	0.012	ug/L	01/15/14	MH	SW8081	
a-chlordane	ND		0.029	0.029	ug/L	01/15/14	MH	SW8081	
Alachlor	ND		0.088	0.088	ug/L	01/15/14	MH	SW8081	1
Aldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
b-BHC	ND		0.006	0.006	ug/L	01/15/14	MH	SW8081	
Chlordane	ND		0.050	0.059	ug/L	01/15/14	MH	SW8081	
d-BHC	ND		0.029	0.029	ug/L	01/15/14	MH	SW8081	
Dieldrin	ND		0.002	0.002	ug/L	01/15/14	MH	SW8081	
Endosulfan I	ND		0.059	0.059	ug/L	01/15/14	MH	SW8081	
Endosulfan II	ND		0.059	0.059	ug/L	01/15/14	MH	SW8081	
Endosulfan Sulfate	ND		0.059	0.059	ug/L	01/15/14	MH	SW8081	
Endrin	ND		0.010	0.012	ug/L	01/15/14	MH	SW8081	
Endrin Aldehyde	ND		0.059	0.059	ug/L	01/15/14	MH	SW8081	
Endrin ketone	ND		0.059	0.059	ug/L	01/15/14	MH	SW8081	
g-BHC (Lindane)	ND		0.029	0.029	ug/L	01/15/14	MH	SW8081	
g-chlordane	ND		0.029	0.029	ug/L	01/15/14	MH	SW8081	
Heptachlor	ND		0.010	0.012	ug/L	01/15/14	MH	SW8081	
Heptachlor epoxide	ND		0.010	0.012	ug/L	01/15/14	MH	SW8081	
Methoxychlor	ND		0.12	0.12	ug/L	01/15/14	MH	SW8081	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Toxaphene	ND		0.29	0.29	ug/L	01/15/14	MH	SW8081	
QA/QC Surrogates									
%DCBP (Surrogate Rec)	36				%	01/15/14	MH	SW8081	
%TCMX (Surrogate Rec)	68				%	01/15/14	MH	SW8081	
Polychlorinated Biphenyls									
PCB-1016	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1221	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1232	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1242	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1248	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1254	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1260	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1262	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
PCB-1268	ND		0.072	0.072	ug/L	01/10/14	AW	8082	
QA/QC Surrogates									
% DCBP	41				%	01/10/14	AW	30 - 150 %	
% TCMX	66				%	01/10/14	AW	30 - 150 %	
Volatiles									
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,1-Trichloroethane	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
1,1,2-Trichloroethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethane	ND		5.0	0.23	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	01/12/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
1,2-Dichloroethane	ND		0.6	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3	0.19	ug/L	01/12/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	01/12/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	01/12/14	RM	SW8260	
2-Isopropyltoluene	0.40	J	1.0	0.21	ug/L	01/12/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Acetone	ND		5.0	0.31	ug/L	01/12/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/12/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/12/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/12/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bromobenzene	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260	
Bromochloromethane	ND	1.0	0.22	ug/L	01/12/14	RM	SW8260	
Bromodichloromethane	ND	1.0	0.16	ug/L	01/12/14	RM	SW8260	
Bromoform	ND	5.0	0.10	ug/L	01/12/14	RM	SW8260	
Bromomethane	ND	5.0	0.25	ug/L	01/12/14	RM	SW8260	
Carbon Disulfide	ND	1.0	0.24	ug/L	01/12/14	RM	SW8260	
Carbon tetrachloride	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.20	ug/L	01/12/14	RM	SW8260	
Chloroethane	ND	5.0	0.24	ug/L	01/12/14	RM	SW8260	
Chloroform	ND	5.0	0.22	ug/L	01/12/14	RM	SW8260	
Chloromethane	ND	5.0	0.21	ug/L	01/12/14	RM	SW8260	
cis-1,2-Dichloroethene	2.3	1.0	0.23	ug/L	01/12/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	01/12/14	RM	SW8260	
Dibromochloromethane	ND	1.0	0.15	ug/L	01/12/14	RM	SW8260	
Dibromomethane	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260	
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	01/12/14	RM	SW8260	
Ethylbenzene	ND	1.0	0.19	ug/L	01/12/14	RM	SW8260	
Hexachlorobutadiene	ND	0.5	0.13	ug/L	01/12/14	RM	SW8260	
Isopropylbenzene	ND	1.0	0.22	ug/L	01/12/14	RM	SW8260	
m&p-Xylene	ND	1.0	0.42	ug/L	01/12/14	RM	SW8260	
Methyl ethyl ketone	ND	1.0	0.50	ug/L	01/12/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	01/12/14	RM	SW8260	
Methylene chloride	ND	3.0	0.16	ug/L	01/12/14	RM	SW8260	
Naphthalene	ND	1.0	0.19	ug/L	01/12/14	RM	SW8260	
n-Butylbenzene	ND	1.0	0.22	ug/L	01/12/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	01/12/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	01/12/14	RM	SW8260	
sec-Butylbenzene	1.3	1.0	0.22	ug/L	01/12/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	01/12/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260	
Tetrachloroethene	18	1.0	0.24	ug/L	01/12/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	01/12/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	01/12/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	01/12/14	RM	SW8260	
Trichloroethene	21	1.0	0.18	ug/L	01/12/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	01/12/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	01/12/14	RM	70 - 121 %	
% Bromofluorobenzene	90			%	01/12/14	RM	59 - 113 %	
% Dibromofluoromethane	101			%	01/12/14	RM	70 - 130 %	
% Toluene-d8	99			%	01/12/14	RM	84 - 138 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
1,2-Dichlorobenzene	ND	3	1.4	ug/L	01/13/14	DD	SW 8270

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BF96569

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
1,3-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
1,4-Dichlorobenzene	ND	3	1.5	ug/L	01/13/14	DD	SW 8270
2,4,5-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4,6-Trichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dichlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dimethylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
2-Chloronaphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
2-Chlorophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Methylnaphthalene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
2-Methylphenol (o-cresol)	ND	1	1	ug/L	01/13/14	DD	SW 8270
2-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
2-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	5.0	2.0	ug/L	01/13/14	DD	SW 8270
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	01/13/14	DD	SW 8270
3-Nitroaniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
4-Chloro-3-methylphenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
4-Chloroaniline	ND	5	2.3	ug/L	01/13/14	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitroaniline	ND	5	1.7	ug/L	01/13/14	DD	SW 8270
4-Nitrophenol	ND	1	1	ug/L	01/13/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Aniline	ND	5	5	ug/L	01/13/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Benzidine	ND	5	2.9	ug/L	01/13/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	01/13/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1	1	ug/L	01/13/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	01/13/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	01/13/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270
Hexachlorobutadiene	ND	0.5	0.5	ug/L	01/13/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	01/13/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270
Nitrobenzene	ND	0.4	0.4	ug/L	01/13/14	DD	SW 8270

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BF96569

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
N-Nitrosodimethylamine	ND	5.0	1.4	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	01/13/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	01/13/14	DD	SW 8270	
Phenol	ND	1	1	ug/L	01/13/14	DD	SW 8270	
Pyrene	ND	5.0	1.7	ug/L	01/13/14	DD	SW 8270	
Pyridine	ND	10	1.2	ug/L	01/13/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	116			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	94			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	79			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	101			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	84			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	130			%	01/13/14	DD	18 - 137 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1.5	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Benz(a)anthracene	0.04	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	B*
Benzo(a)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	1.4	ug/L	01/13/14	DD	SW8270 (SIM)	
Chrysene	0.03	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	1.5	ug/L	01/13/14	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	0.80	ug/L	01/13/14	DD	SW8270 (SIM)	
Phenanthrene	ND	0.10	0.10	ug/L	01/13/14	DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	116			%	01/13/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	94			%	01/13/14	DD	30 - 115 %	
% 2-Fluorophenol	79			%	01/13/14	DD	25 - 121 %	
% Nitrobenzene-d5	101			%	01/13/14	DD	23 - 120 %	
% Phenol-d5	84			%	01/13/14	DD	24 - 113 %	
% Terphenyl-d14	130			%	01/13/14	DD	18 - 137 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Phoenix I.D.: BF96569

Client ID: DUPLICATE

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

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

January 22, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director

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

January 22, 2014

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:		01/08/14	0:00
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96565
Phoenix ID: BF96570

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	01/12/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	01/12/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	01/12/14	RM	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	01/12/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	01/12/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	01/12/14	RM	SW8260	
1,2-Dichloroethane	ND	0.6	0.20	ug/L	01/12/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	01/12/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	01/12/14	RM	SW8260	
1,3-Dichlorobenzene	ND	3	0.19	ug/L	01/12/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	01/12/14	RM	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	01/12/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	01/12/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	01/12/14	RM	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	01/12/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	01/12/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	01/12/14	RM	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	01/12/14	RM	SW8260	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: TRIP BLANK

Phoenix I.D.: BF96570

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	ND		5.0	0.31	ug/L	01/12/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	01/12/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	01/12/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	01/12/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	01/12/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	01/12/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	01/12/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	01/12/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	01/12/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	01/12/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	01/12/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	01/12/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	01/12/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	01/12/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	01/12/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	01/12/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
Methylene chloride	0.23	J	3.0	0.16	ug/L	01/12/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	01/12/14	RM	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	01/12/14	RM	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	01/12/14	RM	SW8260	
Styrene	ND		1.0	0.41	ug/L	01/12/14	RM	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	01/12/14	RM	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	01/12/14	RM	SW8260	1
Toluene	ND		1.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	01/12/14	RM	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	01/12/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	01/12/14	RM	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	01/12/14	RM	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	01/12/14	RM	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	01/12/14	RM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	106				%	01/12/14	RM	70 - 121 %	
% Bromofluorobenzene	91				%	01/12/14	RM	59 - 113 %	
% Dibromofluoromethane	108				%	01/12/14	RM	70 - 130 %	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: TRIP BLANK

Phoenix I.D.: BF96570

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	102			%	01/12/14	RM	84 - 138 %

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 Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED

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

January 22, 2014

Reviewed and Released by: Phyllis Shiller, Laboratory Director

Sample Criteria Exceedences Report

GBF96565 - EBC

Criteria: NY: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF96565	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	19	1.0	5	5	ug/L
BF96565	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	19	1.0	5	5	ug/L
BF96565	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF96565	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	15	1.0	5	5	ug/L
BF96565	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	15	1.0	5	5	ug/L
BF96565	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96565	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96565	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96565	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96565	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF96565	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	17.6	0.010	0.1	0.1	mg/L
BF96565	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.084	0.001	0.05	0.05	mg/L
BF96565	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.17	0.01	0.1	0.1	mg/L
BF96565	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	44.7	1.1	20	20	mg/L
BF96565	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	64.4	0.01	0.3	0.3	mg/L
BF96565	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	36.0	0.01	35	35	mg/L
BF96565	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	2.13	0.050	0.3	0.3	mg/L
BF96565	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	53.2	1.0	20	20	mg/L
BF96565	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.032	0.002	0.025	0.025	mg/L
BF96566	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	17	1.0	5	5	ug/L
BF96566	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	17	1.0	5	5	ug/L
BF96566	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF96566	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	14	1.0	5	5	ug/L
BF96566	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
BF96566	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96566	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96566	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBF96565 - EBC

Criteria: NY: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF96566	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96566	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96566	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF96566	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	35.2	0.10	0.1	0.1	mg/L
BF96566	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.195	0.001	0.05	0.05	mg/L
BF96566	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.466	0.005	0.3	0.3	mg/L
BF96566	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	44.9	0.11	20	20	mg/L
BF96566	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	110	0.01	0.3	0.3	mg/L
BF96566	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	43.3	0.01	35	35	mg/L
BF96566	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	4.17	0.050	0.3	0.3	mg/L
BF96566	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	39.9	1.0	20	20	mg/L
BF96566	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	0.107	0.004	0.1	0.1	mg/L
BF96566	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.052	0.002	0.025	0.025	mg/L
BF96567	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	29	1.0	5	5	ug/L
BF96567	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	29	1.0	5	5	ug/L
BF96567	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF96567	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	39	5	5	5	ug/L
BF96567	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	39	5	5	5	ug/L
BF96567	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96567	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96567	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.12	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.12	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.13	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.13	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.11	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.06	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BF96567	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BF96567	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.26	0.06	0.06	ug/L
BF96567	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	18.9	0.010	0.1	0.1	mg/L
BF96567	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.077	0.001	0.05	0.05	mg/L
BF96567	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	66.2	0.01	0.3	0.3	mg/L
BF96567	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	2.72	0.050	0.3	0.3	mg/L
BF96567	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.032	0.002	0.025	0.025	mg/L

Sample Criteria Exceedences Report

GBF96565 - EBC

Criteria: NY: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF96568	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	6.5	1.0	5	5	ug/L
BF96568	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	120	10	5	5	ug/L
BF96568	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	120	10	5	5	ug/L
BF96568	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF96568	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	170	10	5	5	ug/L
BF96568	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	170	10	5	5	ug/L
BF96568	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96568	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96568	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96568	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96568	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.06	0.06	ug/L
BF96568	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	32.9	0.10	0.1	0.1	mg/L
BF96568	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.137	0.001	0.05	0.05	mg/L
BF96568	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.960	0.005	0.3	0.3	mg/L
BF96568	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	137	0.10	0.3	0.3	mg/L
BF96568	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	9.00	0.050	0.3	0.3	mg/L
BF96568	NI-WMDP	Nickel	NY / TOGS - Water Quality / GA Criteria	0.186	0.004	0.1	0.1	mg/L
BF96568	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.052	0.002	0.025	0.025	mg/L
BF96569	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	21	1.0	5	5	ug/L
BF96569	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5	ug/L
BF96569	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF96569	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	18	1.0	5	5	ug/L
BF96569	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	18	1.0	5	5	ug/L
BF96569	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96569	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96569	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBF96565 - EBC

Criteria: NY: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF96569	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF96569	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF96569	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.29	0.06	0.06	ug/L
BF96569	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	11.0	0.010	0.1	0.1	mg/L
BF96569	CR-WM	Chromium	NY / TOGS - Water Quality / GA Criteria	0.053	0.001	0.05	0.05	mg/L
BF96569	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.329	0.005	0.3	0.3	mg/L
BF96569	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	52.9	1.1	20	20	mg/L
BF96569	FE-WMDP	Iron	NY / TOGS - Water Quality / GA Criteria	39.2	0.01	0.3	0.3	mg/L
BF96569	MN-WMDP	Manganese	NY / TOGS - Water Quality / GA Criteria	1.20	0.005	0.3	0.3	mg/L
BF96569	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	48.2	1.0	20	20	mg/L
BF96570	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF96570	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF96570	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

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.

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

January 22, 2014

SDG I.D.: GBF96565

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

NY/NJ CHAIN OF CUSTODY RECORD

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

Temp 4 oc Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: csosix@ebcinny.com

Customer: EBC
Address: Ridge NY

Project: 853 Lexington Brooklyn NY
Report to:
Invoice to:

Project P.O:
Phone #: 631 504 6000
Fax #:

Sampler's Signature: [signature] Date: 1.8.14

Client Sample - Information - Identification

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC	SVOC	Pest/PCBs	TAL Metals (Fil/unFil)	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) 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
965565	MW1 *	GW	1.8.14	900	X	X	X	X				9	9	3		3		
965566	MW2	↓	↓	1000	↓	↓	↓	↓				3	3	1		1		
* 965567	MW3			1100								3	3	1		1		
965568	MW4			1200								3	3	1		1		
* 965569	Duplicate	GW			X	X	X	X				3	3	1		1		
965570	Trip Blank				X													

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	1-9-14	12:30
	TPHOLON	1-9-14	15:13

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

Comments, Special Requirements or Regulations:
* run MS/MSD on MW-1
* did not ICV ASIS bottle (MP)

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, January 29, 2014

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

Project ID: 853 LEXINGTON AVE., BROOKLYN
Sample ID#s: BF96557 - BF96564

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.

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

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 29, 2014

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:	KW	01/08/14	11:52
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96557

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/12/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/12/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/12/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/12/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/12/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/12/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/12/14	KCA	TO15	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	0.5	*0.143*	3.49	*1.00*	01/12/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/12/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/12/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/12/14	KCA	TO15	
Acetone	1.93	*0.421*	4.58	*1.00*	01/12/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/12/14	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	01/12/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/12/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: OA-1

Phoenix I.D.: BF96557

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/12/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/12/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/12/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/12/14	KCA	TO15	
Carbon Tetrachloride	0.06	*0.040*	0.377	*0.25*	01/12/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/12/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/12/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	01/12/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/12/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/12/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/12/14	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/12/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/12/14	KCA	TO15	
Dichlorodifluoromethane	0.37	*0.202*	1.83	*1.00*	01/12/14	KCA	TO15	
Ethanol	3.22	*0.531*	6.06	*1.00*	01/12/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	01/12/14	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	01/12/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/12/14	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	01/12/14	KCA	TO15	
Isopropylalcohol	0.44	*0.407*	1.08	*1.00*	01/12/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/12/14	KCA	TO15	
m,p-Xylene	0.28	*0.230*	1.22	*1.00*	01/12/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	01/12/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	01/12/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
o-Xylene	ND	*0.230*	ND	*1.00*	01/12/14	KCA	TO15	
Propylene	0.99	*0.581*	1.70	*1.00*	01/12/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/12/14	KCA	TO15	
Tetrachloroethene	0.1	*0.037*	0.678	*0.25*	01/12/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/12/14	KCA	TO15	1
Toluene	0.76	*0.266*	2.86	*1.00*	01/12/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/12/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/12/14	KCA	TO15	
Trichloroethene	0.08	*0.047*	0.430	*0.25*	01/12/14	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	01/12/14	KCA	TO15	
Trichlorotrifluoroethane	0.16	*0.130*	1.22	*1.00*	01/12/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	01/12/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	101	*%*	101	*%*	01/12/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: OA-1

Phoenix I.D.: BF96557

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

January 29, 2014

Reviewed and Released by: Sarah Bell, 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

January 29, 2014

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:	KW	01/08/14	11:12
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96558

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/12/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/12/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/12/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/12/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/12/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/12/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/12/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.1	*0.204*	5.40	*1.00*	01/12/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/12/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.3	*0.204*	1.47	*1.00*	01/12/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/12/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Ethyltoluene	0.26	*0.204*	1.28	*1.00*	01/12/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/12/14	KCA	TO15	
Acetone	7.87	*0.421*	18.7	*1.00*	01/12/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/12/14	KCA	TO15	
Benzene	0.87	*0.313*	2.78	*1.00*	01/12/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/12/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-8

Phoenix I.D.: BF96558

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/12/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/12/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/12/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/12/14	KCA	TO15	
Carbon Tetrachloride	0.04	*0.040*	0.251	*0.25*	01/12/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/12/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/12/14	KCA	TO15	
Chloroform	50.1	*0.205*	244	*1.00*	01/12/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/12/14	KCA	TO15	
Cis-1,2-Dichloroethene	2.8	*0.252*	11.1	*1.00*	01/12/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/12/14	KCA	TO15	
Cyclohexane	0.69	*0.291*	2.37	*1.00*	01/12/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/12/14	KCA	TO15	
Dichlorodifluoromethane	0.49	*0.202*	2.42	*1.00*	01/12/14	KCA	TO15	
Ethanol	13.5	*0.531*	25.4	*1.00*	01/12/14	KCA	TO15	1
Ethyl acetate	0.28	*0.278*	1.01	*1.00*	01/12/14	KCA	TO15	1
Ethylbenzene	0.98	*0.230*	4.25	*1.00*	01/12/14	KCA	TO15	
Heptane	1.2	*0.244*	4.91	*1.00*	01/12/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/12/14	KCA	TO15	
Hexane	1.55	*0.284*	5.46	*1.00*	01/12/14	KCA	TO15	
Isopropylalcohol	0.61	*0.407*	1.50	*1.00*	01/12/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/12/14	KCA	TO15	
m,p-Xylene	3.31	*0.230*	14.4	*1.00*	01/12/14	KCA	TO15	
Methyl Ethyl Ketone	0.44	*0.339*	1.30	*1.00*	01/12/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	
Methylene Chloride	0.31	*0.288*	1.08	*1.00*	01/12/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
o-Xylene	1.3	*0.230*	5.64	*1.00*	01/12/14	KCA	TO15	
Propylene	5.05	*0.581*	8.68	*1.00*	01/12/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/12/14	KCA	TO15	
Tetrachloroethene	129	*0.037*	874	*0.25*	01/12/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/12/14	KCA	TO15	1
Toluene	4.44	*0.266*	16.7	*1.00*	01/12/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/12/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/12/14	KCA	TO15	
Trichloroethene	14.9	*0.047*	80.0	*0.25*	01/12/14	KCA	TO15	
Trichlorofluoromethane	0.18	*0.178*	1.01	*1.00*	01/12/14	KCA	TO15	
Trichlorotrifluoroethane	0.18	*0.130*	1.38	*1.00*	01/12/14	KCA	TO15	
Vinyl Chloride	0.1	*0.098*	0.255	*0.25*	01/12/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	106	*%*	106	*%*	01/12/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG-8

Phoenix I.D.: BF96558

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

January 29, 2014

Reviewed and Released by: Sarah Bell, 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

January 29, 2014

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:	KW	01/08/14	11:16
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96559

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-9

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/12/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/12/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/12/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/12/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/12/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/12/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/12/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.88	*0.204*	4.32	*1.00*	01/12/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/12/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/12/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.23	*0.204*	1.13	*1.00*	01/12/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/12/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/12/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/12/14	KCA	TO15	
Acetone	15.4	*0.421*	36.6	*1.00*	01/12/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/12/14	KCA	TO15	
Benzene	1.07	*0.313*	3.42	*1.00*	01/12/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/12/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-9

Phoenix I.D.: BF96559

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/12/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/12/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/12/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/12/14	KCA	TO15	
Carbon Tetrachloride	0.07	*0.040*	0.440	*0.25*	01/12/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/12/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/12/14	KCA	TO15	
Chloroform	0.81	*0.205*	3.95	*1.00*	01/12/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/12/14	KCA	TO15	
Cis-1,2-Dichloroethene	0.55	*0.252*	2.18	*1.00*	01/12/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/12/14	KCA	TO15	
Cyclohexane	0.82	*0.291*	2.82	*1.00*	01/12/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/12/14	KCA	TO15	
Dichlorodifluoromethane	0.52	*0.202*	2.57	*1.00*	01/12/14	KCA	TO15	
Ethanol	23	*0.531*	43.3	*1.00*	01/12/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	1
Ethylbenzene	0.8	*0.230*	3.47	*1.00*	01/12/14	KCA	TO15	
Heptane	1.22	*0.244*	5.00	*1.00*	01/12/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/12/14	KCA	TO15	
Hexane	1.51	*0.284*	5.32	*1.00*	01/12/14	KCA	TO15	
Isopropylalcohol	0.57	*0.407*	1.40	*1.00*	01/12/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/12/14	KCA	TO15	
m,p-Xylene	2.66	*0.230*	11.5	*1.00*	01/12/14	KCA	TO15	
Methyl Ethyl Ketone	0.54	*0.339*	1.59	*1.00*	01/12/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/12/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	01/12/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
o-Xylene	1.09	*0.230*	4.73	*1.00*	01/12/14	KCA	TO15	
Propylene	3.92	*0.581*	6.74	*1.00*	01/12/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/12/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/12/14	KCA	TO15	
Tetrachloroethene	9.61	*0.037*	65.1	*0.25*	01/12/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/12/14	KCA	TO15	1
Toluene	4.02	*0.266*	15.1	*1.00*	01/12/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/12/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/12/14	KCA	TO15	
Trichloroethene	1.35	*0.047*	7.25	*0.25*	01/12/14	KCA	TO15	
Trichlorofluoromethane	0.21	*0.178*	1.18	*1.00*	01/12/14	KCA	TO15	
Trichlorotrifluoroethane	0.21	*0.130*	1.61	*1.00*	01/12/14	KCA	TO15	
Vinyl Chloride	0.44	*0.098*	1.12	*0.25*	01/12/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	106	*%*	106	*%*	01/12/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG-9

Phoenix I.D.: BF96559

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

January 29, 2014

Reviewed and Released by: Sarah Bell, 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

January 29, 2014

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:	KW	01/08/14	11:13
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96560

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-10

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.62	*0.204*	3.05	*1.00*	01/13/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/13/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/13/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.37	*0.244*	1.51	*1.00*	01/13/14	KCA	TO15	
Acetone	34.9	*0.421*	82.8	*1.00*	01/13/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/13/14	KCA	TO15	
Benzene	1.01	*0.313*	3.22	*1.00*	01/13/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-10

Phoenix I.D.: BF96560

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/13/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/13/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Tetrachloride	0.07	*0.040*	0.440	*0.25*	01/13/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	01/13/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/13/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Cyclohexane	0.46	*0.291*	1.58	*1.00*	01/13/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/13/14	KCA	TO15	
Dichlorodifluoromethane	0.45	*0.202*	2.22	*1.00*	01/13/14	KCA	TO15	
Ethanol	21.6	*0.531*	40.7	*1.00*	01/13/14	KCA	TO15	1
Ethyl acetate	2.8	*0.278*	10.1	*1.00*	01/13/14	KCA	TO15	1
Ethylbenzene	0.72	*0.230*	3.12	*1.00*	01/13/14	KCA	TO15	
Heptane	1.07	*0.244*	4.38	*1.00*	01/13/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/13/14	KCA	TO15	
Hexane	1.77	*0.284*	6.23	*1.00*	01/13/14	KCA	TO15	
Isopropylalcohol	0.77	*0.407*	1.89	*1.00*	01/13/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	
m,p-Xylene	2.35	*0.230*	10.2	*1.00*	01/13/14	KCA	TO15	
Methyl Ethyl Ketone	1.79	*0.339*	5.28	*1.00*	01/13/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
Methylene Chloride	0.3	*0.288*	1.04	*1.00*	01/13/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
o-Xylene	0.94	*0.230*	4.08	*1.00*	01/13/14	KCA	TO15	
Propylene	2.13	*0.581*	3.66	*1.00*	01/13/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/13/14	KCA	TO15	
Tetrachloroethene	0.28	*0.037*	1.90	*0.25*	01/13/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	1
Toluene	3.45	*0.266*	13.0	*1.00*	01/13/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Trichloroethene	0.1	*0.047*	0.537	*0.25*	01/13/14	KCA	TO15	
Trichlorofluoromethane	0.18	*0.178*	1.01	*1.00*	01/13/14	KCA	TO15	
Trichlorotrifluoroethane	0.18	*0.130*	1.38	*1.00*	01/13/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	01/13/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	104	%	104	%	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG-10

Phoenix I.D.: BF96560

Parameter	ppbv Result	ppbv RL		ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

January 29, 2014

Reviewed and Released by: Sarah Bell, 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

January 29, 2014

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:	KW	01/08/14	11:19
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96561

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-5

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.26	*0.204*	6.19	*1.00*	01/13/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/13/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.33	*0.204*	1.62	*1.00*	01/13/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/13/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Ethyltoluene	0.36	*0.204*	1.77	*1.00*	01/13/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	
Acetone	13.2	*0.421*	31.3	*1.00*	01/13/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/13/14	KCA	TO15	
Benzene	1.2	*0.313*	3.83	*1.00*	01/13/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-5

Phoenix I.D.: BF96561

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/13/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/13/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Tetrachloride	0.06	*0.040*	0.377	*0.25*	01/13/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	01/13/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/13/14	KCA	TO15	
Cis-1,2-Dichloroethene	3.48	*0.252*	13.8	*1.00*	01/13/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Cyclohexane	0.96	*0.291*	3.30	*1.00*	01/13/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/13/14	KCA	TO15	
Dichlorodifluoromethane	0.36	*0.202*	1.78	*1.00*	01/13/14	KCA	TO15	
Ethanol	29	*0.531*	54.6	*1.00*	01/13/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	1
Ethylbenzene	1.3	*0.230*	5.64	*1.00*	01/13/14	KCA	TO15	
Heptane	1.92	*0.244*	7.86	*1.00*	01/13/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/13/14	KCA	TO15	
Hexane	2.85	*0.284*	10.0	*1.00*	01/13/14	KCA	TO15	
Isopropylalcohol	0.81	*0.407*	1.99	*1.00*	01/13/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	
m,p-Xylene	4.28	*0.230*	18.6	*1.00*	01/13/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	01/13/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
o-Xylene	1.7	*0.230*	7.38	*1.00*	01/13/14	KCA	TO15	
Propylene	0.89	*0.581*	1.53	*1.00*	01/13/14	KCA	TO15	1
sec-Butylbenzene	0.21	*0.182*	1.15	*1.00*	01/13/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/13/14	KCA	TO15	
Tetrachloroethene	27.6	*0.037*	187	*0.25*	01/13/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	1
Toluene	6.69	*0.266*	25.2	*1.00*	01/13/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Trichloroethene	38	*0.047*	204	*0.25*	01/13/14	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	01/13/14	KCA	TO15	
Trichlorotrifluoroethane	0.15	*0.130*	1.15	*1.00*	01/13/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	01/13/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	105	*%*	105	*%*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG-5

Phoenix I.D.: BF96561

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

January 29, 2014

Reviewed and Released by: Sarah Bell, 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

January 29, 2014

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:	KW	01/08/14	11:40
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96562

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-6

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.07	*0.204*	5.26	*1.00*	01/13/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/13/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.28	*0.204*	1.38	*1.00*	01/13/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/13/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Ethyltoluene	0.27	*0.204*	1.33	*1.00*	01/13/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	
Acetone	16	*0.421*	38.0	*1.00*	01/13/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/13/14	KCA	TO15	
Benzene	0.39	*0.313*	1.24	*1.00*	01/13/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-6

Phoenix I.D.: BF96562

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/13/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/13/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Tetrachloride	0.07	*0.040*	0.440	*0.25*	01/13/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	01/13/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/13/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Cyclohexane	0.31	*0.291*	1.07	*1.00*	01/13/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/13/14	KCA	TO15	
Dichlorodifluoromethane	0.51	*0.202*	2.52	*1.00*	01/13/14	KCA	TO15	
Ethanol	14.3	*0.531*	26.9	*1.00*	01/13/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	1
Ethylbenzene	0.67	*0.230*	2.91	*1.00*	01/13/14	KCA	TO15	
Heptane	0.73	*0.244*	2.99	*1.00*	01/13/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/13/14	KCA	TO15	
Hexane	0.78	*0.284*	2.75	*1.00*	01/13/14	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	01/13/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	
m,p-Xylene	2.34	*0.230*	10.2	*1.00*	01/13/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	01/13/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
o-Xylene	1.03	*0.230*	4.47	*1.00*	01/13/14	KCA	TO15	
Propylene	1.87	*0.581*	3.22	*1.00*	01/13/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/13/14	KCA	TO15	
Tetrachloroethene	49.3	*0.037*	334	*0.25*	01/13/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	1
Toluene	2.44	*0.266*	9.19	*1.00*	01/13/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Trichloroethene	9.62	*0.047*	51.7	*0.25*	01/13/14	KCA	TO15	
Trichlorofluoromethane	0.21	*0.178*	1.18	*1.00*	01/13/14	KCA	TO15	
Trichlorotrifluoroethane	0.21	*0.130*	1.61	*1.00*	01/13/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	01/13/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	106	*%*	106	*%*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG-6

Phoenix I.D.: BF96562

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

January 29, 2014

Reviewed and Released by: Sarah Bell, 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

January 29, 2014

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:	KW	01/08/14	11:58
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96563

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-7

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.08	*0.204*	5.31	*1.00*	01/13/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/13/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.29	*0.204*	1.42	*1.00*	01/13/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/13/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	
Acetone	8.68	*0.421*	20.6	*1.00*	01/13/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/13/14	KCA	TO15	
Benzene	0.89	*0.313*	2.84	*1.00*	01/13/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: SG-7

Phoenix I.D.: BF96563

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	0.47	*0.149*	3.15	*1.00*	01/13/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/13/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Disulfide	1.04	*0.321*	3.24	*1.00*	01/13/14	KCA	TO15	
Carbon Tetrachloride	0.07	*0.040*	0.440	*0.25*	01/13/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroform	0.55	*0.205*	2.68	*1.00*	01/13/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/13/14	KCA	TO15	
Cis-1,2-Dichloroethene	0.38	*0.252*	1.50	*1.00*	01/13/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Cyclohexane	0.48	*0.291*	1.65	*1.00*	01/13/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/13/14	KCA	TO15	
Dichlorodifluoromethane	0.51	*0.202*	2.52	*1.00*	01/13/14	KCA	TO15	
Ethanol	12.8	*0.531*	24.1	*1.00*	01/13/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	1
Ethylbenzene	0.71	*0.230*	3.08	*1.00*	01/13/14	KCA	TO15	
Heptane	0.81	*0.244*	3.32	*1.00*	01/13/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/13/14	KCA	TO15	
Hexane	1.03	*0.284*	3.63	*1.00*	01/13/14	KCA	TO15	
Isopropylalcohol	0.61	*0.407*	1.50	*1.00*	01/13/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	
m,p-Xylene	2.66	*0.230*	11.5	*1.00*	01/13/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	01/13/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
o-Xylene	1.04	*0.230*	4.51	*1.00*	01/13/14	KCA	TO15	
Propylene	4.07	*0.581*	7.00	*1.00*	01/13/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/13/14	KCA	TO15	
Tetrachloroethene	95.4	*0.037*	647	*0.25*	01/13/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	1
Toluene	2.81	*0.266*	10.6	*1.00*	01/13/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Trichloroethene	60.4	*0.047*	324	*0.25*	01/13/14	KCA	TO15	
Trichlorofluoromethane	0.2	*0.178*	1.12	*1.00*	01/13/14	KCA	TO15	
Trichlorotrifluoroethane	0.2	*0.130*	1.53	*1.00*	01/13/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	01/13/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	106	*%*	106	*%*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: SG-7

Phoenix I.D.: BF96563

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

January 29, 2014

Reviewed and Released by: Sarah Bell, 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

January 29, 2014

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:	KW	01/08/14	11:22
Location Code:	EBC	Received by:	LB	01/09/14	15:13
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF96557
Phoenix ID: BF96564

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/13/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/13/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.29	*0.204*	1.42	*1.00*	01/13/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	01/13/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/13/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/13/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/13/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/13/14	KCA	TO15	
Acetone	1.5	*0.421*	3.56	*1.00*	01/13/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/13/14	KCA	TO15	
Benzene	0.74	*0.313*	2.36	*1.00*	01/13/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN
Client ID: IA-1

Phoenix I.D.: BF96564

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/13/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	01/13/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/13/14	KCA	TO15	
Carbon Tetrachloride	0.08	*0.040*	0.503	*0.25*	01/13/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	01/13/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	01/13/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	01/13/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/13/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	01/13/14	KCA	TO15	
Dichlorodifluoromethane	0.49	*0.202*	2.42	*1.00*	01/13/14	KCA	TO15	
Ethanol	5.74	*0.531*	10.8	*1.00*	01/13/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	01/13/14	KCA	TO15	
Heptane	0.25	*0.244*	1.02	*1.00*	01/13/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/13/14	KCA	TO15	
Hexane	0.64	*0.284*	2.25	*1.00*	01/13/14	KCA	TO15	
Isopropylalcohol	0.44	*0.407*	1.08	*1.00*	01/13/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/13/14	KCA	TO15	
m,p-Xylene	0.62	*0.230*	2.69	*1.00*	01/13/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/13/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	01/13/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
o-Xylene	0.26	*0.230*	1.13	*1.00*	01/13/14	KCA	TO15	
Propylene	1.67	*0.581*	2.87	*1.00*	01/13/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/13/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	01/13/14	KCA	TO15	
Tetrachloroethene	8.8	*0.037*	59.6	*0.25*	01/13/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/13/14	KCA	TO15	1
Toluene	1.2	*0.266*	4.52	*1.00*	01/13/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/13/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	01/13/14	KCA	TO15	
Trichloroethene	3.17	*0.047*	17.0	*0.25*	01/13/14	KCA	TO15	
Trichlorofluoromethane	0.22	*0.178*	1.24	*1.00*	01/13/14	KCA	TO15	
Trichlorotrifluoroethane	0.22	*0.130*	1.68	*1.00*	01/13/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	01/13/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	106	%	106	%	01/13/14	KCA	TO15	

Project ID: 853 LEXINGTON AVE., BROOKLYN

Client ID: IA-1

Phoenix I.D.: BF96564

Parameter	ppbv Result	ppbv RL		ug/m3 Result	ug/m3 RL	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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

January 29, 2014

Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 29, 2014

QA/QC Data

SDG I.D.: GBF96557

QA/QC Batch 264309, QC Sample No: BF95353 (BF96557, BF96558, BF96559)

Volatiles

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	74	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	105	19.6	19.6	3.98	3.99	0.3	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	124	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	103	6.09	6.04	1.24	1.23	0.8	70 - 130	20
1,3-Butadiene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	137	2.94	2.76	0.49	0.46	6.3	70 - 130	20
1,4-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	104	3.64	6.29	0.74	1.28	53.5	70 - 130	20
4-Isopropyltoluene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	103	23.5	23.6	9.91	9.95	0.4	70 - 130	20
Acrylonitrile	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	103	5.52	5.75	1.73	1.8	4.0	70 - 130	20
Benzyl chloride	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	101	0.377	0.314	0.06	0.05	18.2	70 - 130	20
Chlorobenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	101	2.68	2.59	0.55	0.53	3.7	70 - 130	20
Chloromethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	103	5.16	5.33	1.5	1.55	3.3	70 - 130	20
Dibromochloromethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	110	1.63	1.73	0.33	0.35	5.9	70 - 130	20
Ethanol	ND	ND	86	52.7	59.1	28	31.4	11.4	70 - 130	20

QA/QC Data

SDG I.D.: GBF96557

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	96	2.99	2.92	0.83	0.81	2.4	70 - 130	20
Ethylbenzene	ND	ND	107	14.2	13.9	3.28	3.21	2.2	70 - 130	20
Heptane	ND	ND	105	12.0	11.9	2.93	2.91	0.7	70 - 130	20
Hexachlorobutadiene	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	102	14.0	14.2	3.97	4.02	1.3	70 - 130	20
Isopropylalcohol	ND	ND	102	3.27	3.34	1.33	1.36	2.2	70 - 130	20
Isopropylbenzene	ND	ND	106	1.52	1.67	0.31	0.34	9.2	70 - 130	20
m,p-Xylene	ND	ND	104	48.2	46.9	11.1	10.8	2.7	70 - 130	20
Methyl Ethyl Ketone	ND	ND	62	ND	ND	ND	ND	NC	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	114	1.32	1.43	0.24	0.26	8.0	70 - 130	20
o-Xylene	ND	ND	106	19.3	19.1	4.45	4.41	0.9	70 - 130	20
Propylene	ND	ND	120	2.63	2.96	1.53	1.72	11.7	70 - 130	20
sec-Butylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	103	6.98	6.85	1.03	1.01	2.0	70 - 130	20
Tetrahydrofuran	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	107	43.7	44.4	11.6	11.8	1.7	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	104	5.96	6.07	1.11	1.13	1.8	70 - 130	20
Trichlorofluoromethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Trichlorotrifluoroethane	ND	ND	95	ND	1.22	ND	0.16	NC	70 - 130	20
Vinyl Chloride	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	108	108	100	104	102	104	102	1.9	70 - 130	20

QA/QC Batch 264328, QC Sample No: BF96563 (BF96560, BF96561, BF96562, BF96563, BF96564)

Volatiles

1,1,1,2-Tetrachloroethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	74	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	105	5.31	5.26	1.08	1.07	0.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	124	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	103	1.42	1.47	0.29	0.3	3.4	70 - 130	20
1,3-Butadiene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	137	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	103	20.6	14.6	8.68	6.16	34.0	70 - 130	20
Acrylonitrile	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20

QA/QC Data

SDG I.D.: GBF96557

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Benzene	ND	ND	103	2.84	2.08	0.89	0.65	31.2	70 - 130	20	
Benzyl chloride	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20	
Bromodichloromethane	ND	ND	108	3.15	3.35	0.47	0.5	6.2	70 - 130	20	
Bromoform	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20	
Bromomethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20	
Carbon Disulfide	ND	ND	96	3.24	2.24	1.04	0.72	36.4	70 - 130	20	
Carbon Tetrachloride	ND	ND	101	0.440	0.314	0.07	0.05	33.3	70 - 130	20	
Chlorobenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20	
Chloroethane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20	
Chloroform	ND	ND	101	2.68	2.93	0.55	0.6	8.7	70 - 130	20	
Chloromethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20	
Cis-1,2-Dichloroethene	ND	ND	104	1.50	1.07	0.38	0.27	33.8	70 - 130	20	
cis-1,3-Dichloropropene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20	
Cyclohexane	ND	ND	103	1.65	1.24	0.48	0.36	28.6	70 - 130	20	
Dibromochloromethane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20	
Dichlorodifluoromethane	ND	ND	110	2.52	1.73	0.51	0.35	37.2	70 - 130	20	
Ethanol	ND	ND	86	24.1	15.6	12.8	8.3	42.7	70 - 130	20	
Ethyl acetate	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20	
Ethylbenzene	ND	ND	107	3.08	3.17	0.71	0.73	2.8	70 - 130	20	
Heptane	ND	ND	105	3.32	3.24	0.81	0.79	2.5	70 - 130	20	
Hexachlorobutadiene	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20	
Hexane	ND	ND	102	3.63	4.05	1.03	1.15	11.0	70 - 130	20	
Isopropylalcohol	ND	ND	102	1.50	1.01	0.61	0.41	39.2	70 - 130	20	
Isopropylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20	
m,p-Xylene	ND	ND	104	11.5	11.2	2.66	2.59	2.7	70 - 130	20	
Methyl Ethyl Ketone	ND	ND	62	1.18	ND	0.4	ND	NC	70 - 130	20	I
Methyl tert-butyl ether(MTBE)	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20	
Methylene Chloride	ND	ND	100	ND	1.22	ND	0.35	NC	70 - 130	20	
n-Butylbenzene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20	
o-Xylene	ND	ND	106	4.51	4.73	1.04	1.09	4.7	70 - 130	20	
Propylene	ND	ND	120	7.00	4.64	4.07	2.7	40.5	70 - 130	20	
sec-Butylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20	
Styrene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20	
Tetrachloroethene	ND	ND	103	609	674	89.9	99.4	10.0	70 - 130	20	
Tetrahydrofuran	ND	ND	111	ND	ND	ND	ND	NC	70 - 130	20	
Toluene	ND	ND	107	10.6	11.2	2.81	2.98	5.9	70 - 130	20	
Trans-1,2-Dichloroethene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20	
trans-1,3-Dichloropropene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20	
Trichloroethene	ND	ND	104	314	327	58.5	60.9	4.0	70 - 130	20	
Trichlorofluoromethane	ND	ND	101	1.12	ND	0.2	ND	NC	70 - 130	20	
Trichlorotrifluoroethane	ND	ND	95	1.53	1.07	0.2	0.14	35.3	70 - 130	20	
Vinyl Chloride	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20	
% Bromofluorobenzene	108	108	100	106	108	106	108	1.9	70 - 130	20	

I = This parameter is outside laboratory lcs/lcsd 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
January 29, 2014

QA/QC Data

SDG I.D.: GBF96557

Parameter	Blank ppbv	Blank ug/m3		LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits

Sample Criteria Exceedences Report

GBF96557 - EBC

Criteria: None

State: NY

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.

4oc WICIP

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. #

Data Delivery:
☐ Fax #:
☒ Email: c505 keebsinergy.com
~~Phone #:~~

Report to: EBC
Customer: EBC
Address: Ridge NY

Invoice to: EBC

Sampled by: KW

Project Name: 853 Lexington Ave BKlyn
Criteria Requested: Deliverable: RCP ☐ MCP ☐
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	
96557	OA-1	357	6.0	-30	-2	4985		1010	1152	1.8	-28	-6	X				X
96558	SG-8	218	↓	↓	-1	~~4985~~		930	1112	1.8	-28	-4		X			X
96559	SG-9	352			-3	4955		935	1116	1.8	-30	-8		X			X
96560	SG-10	364			-1	~~5647~~	5647	940	1113	1.8	-28	-5		X			X
96561	SG-5	365			-0	~~4992~~		947	1119	1.8	-28	-3		X			X
96562	SG-6	230			-4	5647		955	1120		-29	-8		X			X
96563	SG-7	484			-2	~~5652~~		1005	1158		-30	-8		X			X
96564	IA-1	462			-3	5352		1000	1122		-30	-7	X				X
	6L 24R																

Relinquished by:	Accepted by:	Date:	Time:
		1-9-14	1630
	Thomas	1-9-14	15:13

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

rcvd req #5651
#5660

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:

did not rcv #s 4955 & #5647