171-173 BAYARD STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: TBD

OER Project Number: 14EHAZ332K

Prepared for:

Djam Land LLC
5 South Circle Drive
Great Neck, NY 11201

Prepared by:

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road
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May 2014

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LIST OF ACRONYMS

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

CERTIFICATION

I, Chawinie Miller, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Redevelopment Project located at 171-173 Bayard Street Brooklyn, NY, (NYC VCP Site No. 15CVCP024K , OER Project Number 14EHAZ332K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 171-173 Bayard Street in the Greenpoint section of Brooklyn, New York, and is identified as Block 2720 and Lots 43 and 44 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4,100-square feet and is bounded by Block 2720, Lot 16 and 15, residential buildings to the north, Bayard Street and Block 2726, Lots 12, and 13, residential buildings to the south, Block 2720, Lot 42 to the east, a residential building and Block 2720, Lot 45, a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is developed with two single-story commercial buildings.

Summary of Proposed Redevelopment Plan

The development project consists of redeveloping the entire Site with a 4-story residential building and a full cellar. The proposed building encompasses approximately 70% of the site. The building includes a full 10 foot cellar, spanning the entire foot print of the building, which will be utilized for accessory use and stroage space. The cellar will have stair access only. The upper floors will be equipped with residential units. The Site will be equipped with a 30 foot rear yard. The basement level and foundation will require excavation of the entire Site to a total depth of approximately 12 feet below grade. The water table is expected at approximately 9-12 feet below grade surface (bgs). The current zoning designation is residential; R6B. The proposed use is consistent with existing zoning for the property. Layout of the proposed site development is presented in Figure 3.

Summary of Past Uses of Site and Areas of Concern

A Phase I was competed by EBC in December 2013. A history dating back to 1928 was established. In 1887 the Site (171-173 Bayard Street) was developed with a small 1-story

building labeled carpenter. After 1887, the Site was separated into two tax parcels Lot 44 (171 Bayard Street) and Lot 43 (173 Bayard Street).

171 Bayard Street

From 1905 to approximately 1927, the Site was unoccupied and undeveloped. Around 1927, a portion of the Site, Lot 44, was developed with a 1-story building and used as a private garage. This building is consistent with the current building layout on 171 Bayard Street. The building was occupied by various tenants including a coal & oil company, wood workshop, syrup manufacturer/distributor, technology company, iron works, contracting company, window & door manufacturer, and most recently an art studio.

173 Bayard Street

Lot 43 was developed with a small 1-story garage sometime between 1916 and 1935. The garage was demolished and a larger 1-story garage was developed by 1951. Between 1951 and 1959 a new 1-story garage was developed that occupied the entire Lot. This building is consistent with the current building layout on 173 Bayard Street. The building was only noted as a warehouse in 2000 and a glass manufacturer/distributor (Dual Glass) in 2008.

Based upon reconnaissance of the subject site and surrounding properties, interviews and review of historical records and regulatory agency databases, EBC identified the following environmental concerns:

- According to a Certificate of Occupancy, Sanborn Maps, and city directory listings, the Site was occupied by a refrigerator manufacturer from 1959 to at most 1965. The name of the company is unknown due to a gap in the provided City Directory Listing, but a Certificate of Occupancy from 1959 notes the use of the property as a refrigerator manufacturer.
- According to a 1959 Certificate of Occupancy, the NYC Fire Department approved a permit for a gasoline storage tank in September of 1958. The tank is described to only be used for fueling of the owner's trucks. In addition, the site inspection identified the

presence of a vent on the roof of the building occupying the Site, indicative of a UST. As no information regarding the capacity of the suspect UST(s), their status, integrity and/or soil conditions in their vicinity was available for review, there is a potential for spills or releases from the USTs to have impacted the subsurface.

- The NYC "E" Designation for Underground Storage Tanks Testing protocol.

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 4 feet below grade.
2. Historic use of the Site as a refrigerator manufacture
3. The suspect presence of a UST.

Summary of the Work Performed under the Remedial Investigation

EBC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed five soil borings across the entire project Site, and collected ten soil samples and one duplicate soil sample for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two groundwater monitoring wells throughout the Site and used one existing monitoring well to establish groundwater flow and collected six groundwater samples and one duplicate groundwater sample for chemical analysis to evaluate groundwater quality; and
4. Installed one sub-slab soil vapor probes and four soil vapor probes around Site perimeter and collected five samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 18 to 19 feet.
2. Depth to groundwater ranges from 9.35 to 12.85 feet at the Site.
3. Groundwater flow is generally to the northeast beneath the Site.

4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site, from the surface down, consists of 4 feet of historical fill underlain by tan medium to fine sand and silty clay.
6. Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples collected during the RI showed no PCBs or pesticides in any of the soil samples. Trace concentrations of several VOCs were noted in one soil samples (11 to 13 feet). One VOC, 1,2,4-Trimethylbenzene (max. of 5,000 ug/Kg) exceeded Unrestricted Use SCOs. Five SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were found within one shallow soil samples exceeding Unrestricted Use SCOs as well as Restricted Residential SCOs. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) including benz(a)anthracene (max. of 9,600 ug/Kg), benzo(a)pyrene (max. of 8,200 ug/Kg), benzo(b)fluoranthene (max. of 10,000 ug/Kg), chrysene (max. of 10,000 ug/Kg) and indeno(1,2,3-cd)pyrene (max. of 4,500 ug/Kg) exceeding Unrestricted Use SCOs as well as Restricted Residential SCOs within one shallow soil sample. Several metals including barium (max. of 747 mg/Kg), cadmium (max. of 3.54 mg/Kg), chromium (max. of 43.1 mg/Kg), copper (max. of 149 mg/Kg), lead (max. of 8,060 ug/Kg), mercury (max. of 2.96 ug/Kg) and zinc (max. of 503 ug/Kg) exceeded Unrestricted Use SCOs in three shallow soil samples. And, of these metals, lead, barium and mercury also exceeded Restricted Residential SCOs in two shallow soil samples. Findings of the RI were consistent with observations for historical fill sites in areas throughout NYC, with the exception of two soil sampling locations, B-4 for a VOC hotspot in deep soil and B-5 for a lead hotspot in shallow soil.

7. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater samples collected during the investigations showed no PCBs or pesticides in any sample. One VOC, methyl t-butyl ether (MTBE) (max. of 30.0 ug/L) exceeded NYSDEC Part 703.5 Groundwater Quality Standards (GQS) within two samples and the duplicate sample. Trace concentrations of

several VOCs were also detected and none of these VOCs exceeded their GQS. Four SVOCs including benzo(a)anthracene (max. of 0.04 ug/L), benzo(b)fluoranthene (at 0.03 ug/L), benzo(k)fluoranthene (at 0.02 ug/L) and chrysene (at 0.04 ug/L) exceeded the GQS. Several metals were identified in groundwater but only manganese (max. of 3.4 mg/L) and sodium (max. of 181 mg/L) exceeded their respective GQS.

8. Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples collected during the RI showed high levels of petroleum related and high levels of chlorinated VOCs in all soil vapor samples. Total concentrations of petroleum-related VOCs (BTEX) ranged from 9.6 $\mu g/m^3$ to 117,000 $\mu g/m^3$. Overall the highest reported concentrations were for hexane (maximum of 137,000 $\mu g/m^3$). Chlorinated VOCs including tetrachloroethene (PCE) was detected in all soil vapor samples and ranged from 50 to 773 $\mu g/m^3$, carbon tetrachloride was detected in two samples at a maximum concentration of 0.5 $\mu g/m^3$. Trichloroethene (TCE) was detected in two soil vapor samples at a maximum concentration of 7.63 $\mu g/m^3$. Trichloroethane (TCA) was not detected in any sample. Concentrations for PCE and TCE were above the monitoring level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Djam Land LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.094-acre Site located at 171-173 Bayard Street in the Greenpoint section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between January 1, 2014, and April 22 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 171-173 Bayard Street in the Greenpoint section of Brooklyn, New York, and is identified as Block 2720 and Lot 43 and 44 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4,100-square feet and is bounded by Block 2720, Lot 16 and 15, residential buildings to the north, Bayard Street and Block 2726, Lots 12, and 13, residential buildings to the south, Block 2720, Lot 42 to the east, a residential building and Block 2720, Lot 45, a residential building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is developed with two single-story commercial buildings.

1.2 Proposed Redevelopment Plan

The development project consists of redeveloping the entire Site with a 4-story residential building and a full cellar. The proposed building encompasses approximately 70% of the site. The building includes a full 10 foot cellar, spanning the entire foot print of the building, which will be utilized for accessory use and storage space. The cellar will have stair access only. The Site will be equipped with a 50 x 30 foot rear yard. The basement level and foundation will require excavation of the entire Site to a total depth of approximately 12 feet below grade. The water table is expected at 9-12 feet below grade surface (bgs). The current zoning designation is residential; R6B. The proposed use is consistent with existing zoning for the property.

Demolition of the Site is planned for September 2014. Demolition is planned for September 2014. Layout of the proposed site development is presented in Figure 3.

1.3 Description of Surrounding Property

The area surrounding the Site consists of a mix of residential and industrial properties. Figure 4 shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals, daycare facilities or schools are located within a 250 ft radius of the Site. A middle school is located within 500-foot radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – Adjacent property	Block 2720 Lot 16 and 15 (140-142 Newton Street) residential buildings.
South – Adjacent property	Bayard Street and Block 2726, Lots 12, and 13 (174-178 Bayard Street) residential buildings
East –	Block 2720 Lot 42 to the east (175 Bayard Street) a residential building
West – Adjacent property	Block 2720 Lot 45 (169 Bayard Street) a residential building

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I was competed by EBC in December 2013. A history dating back to 1928 was established. In 1887 the Site (171-173 Bayard Street) was developed with a small 1-story building labeled carpenter. After 1887, the Site was separated into two tax parcels, Lot 44 (171 Bayard Street) and Lot 43 (173 Bayard Street).

171 Bayard Street

From 1905 to approximately 1927, the Site was unoccupied and undeveloped. Around 1927, a portion of the Site, Lot 44, was developed with a 1-story building and used as a private garage. This building is consistent with the current building layout on 171 Bayard Street. The building was occupied by various tenants including a coal & oil company, wood workshop, syrup manufacturer/distributor, technology company, iron works, contracting company, window & door manufacturer, and most recently an art studio.

173 Bayard Street

Lot 43 was developed with a small 1-story garage sometime between 1916 and 1935. The garage was demolished and a larger 1-story garage was developed by 1951. Between 1951 and 1959, a new 1-story garage was developed that occupied the entire Lot. This building is consistent with the current building layout on 173 Bayard Street. The building was only noted as a warehouse in 2000 and a glass manufacturer/distributor (Dual Glass) in 2008.

Based upon reconnaissance of the subject site and surrounding properties, interviews and review of historical records and regulatory agency databases, EBC identified the following environmental concerns:

- According to a Certificate of Occupancy, Sanborn Maps, and city directory listings, the Site was occupied by a refrigerator manufacturer from 1959 to at most 1965. The name of the company is unknown due to a gap in the provided City Directory Listing, but a

Certificate of Occupancy from 1959 notes the use of the property as a refrigerator manufacturer.

- According to a 1959 Certificate of Occupancy, the NYC Fire Department approved a permit for a gasoline storage tank in September of 1958. The tank is described to only be used for fueling of the owner's trucks. In addition, the site inspection identified the presence of a vent on the roof of the building occupying the Site, indicative of a UST. As no information regarding the capacity of the suspect UST(s), their status, integrity and/or soil conditions in their vicinity was available for review, there is a potential for spills or releases from the USTs to have impacted the subsurface.
- The NYC "E" Designation for Underground Storage Tanks Testing protocol.

2.2 Previous Investigations

EBC has not been made aware of any previous subsurface investigations conducted at the Site.

2.3 Site Inspection

Mr. Charles Sosik of EBC performed the site inspection on January 1, 2014, beginning at approximately 7:00 am. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of the Site, and the exterior of adjacent properties. At the time of the inspection, the Site consisted of two single-story buildings.

2.4 Areas of Concern

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 4 feet below grade.
2. Historic use of the Site as a refrigerator manufacture
3. The suspect presence of a UST.

A copy of the Phase 1 Report is presented in Attachment A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Chawinie Miller.

3.2 Health and Safety

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

3.3 Materials Management

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

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4.0 REMEDIAL INVESTIGATION ACTIVITIES

Djam Land LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed five soil borings across the entire project Site, and collected ten soil samples and one duplicate soil sample for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two groundwater monitoring wells throughout the Site and used one existing monitoring well to establish groundwater flow and collected six groundwater samples and one duplicate groundwater sample for chemical analysis to evaluate groundwater quality; and
4. Installed one sub-slab soil vapor probes and four soil vapor probes around Site perimeter and collected five samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment. A full excavation down to 10 feet below grade is planned for the Site.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

The five soil boring locations were chosen to gain representative soil and groundwater quality information across the Site. Soil samples were collected continuously from grade to a final depth of 13 feet below existing grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. PID readings of 0 to 600 ppm and slight petroleum odor were noted within B-4 at the 10-16 foot range.

One soil sample was retained from each soil boring representing the interval 0 to 2 feet below grade and one soil sample was retained from each soil boring representing the interval 10 to 12 or 11-13 feet below grade.

Boring logs were prepared by a Qualified Environmental Professional and are attached in Attachment B. A map showing the location of soil borings and monitor wells is shown in Figure 5.

Groundwater Monitoring Well Construction

A temporary 1-inch diameter PVC monitoring well with 10 feet of 0.010 slot screen was installed at boring locations B1, B2 and B3 set to intersect the water table. Since groundwater was encountered at approximately 9.35 to 12.85 feet below grade, monitoring wells were installed to a depth of 15 to 22 feet. Monitoring well sampling details are provided in Table 1. Monitoring well locations are shown in Figure 5.

Survey

Soil borings and wells were located to the nearest 0.10 foot with respect to two or more permanent site features.

Water Level Measurement

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

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR, with the exception of deep samples for B-1 to B-3 for analysis of metals and samples B-1 to B-3 shallow and deep samples for pesticides and PCBs. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action

alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Ten soil samples with a duplicate were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 2 through 5. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

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

Groundwater Sampling

Six groundwater samples with a duplicate were collected for chemical analysis during this RI. Groundwater samples were collected by installing a one-inch diameter PVC well, 5-feet below the water table interface (set at approximately 55 feet below grade). A groundwater sample was then collected from each temporary well utilizing dedicated polyethylene tubing and a peristaltic pump. Groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals. Groundwater sample collection data is reported in Tables 6 through 10. Sampling logs with information on purging and sampling of groundwater monitor wells are included in Attachment C. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

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

The one sub slab soil vapor implant and the four soil vapor implants were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor implants is shown on Figure 5. The vapor implants that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The implants were installed to a depth ranging from 9 to 11 feet below grade at all locations. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling for the implants installed on April 21, 2014, was conducted on April 22, 2014. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all six soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

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

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

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods:

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

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Attachment E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Subsurface soil at the Site consisted of historic fill, which was primarily comprised of brick, concrete, wood and other debris in a light brown fine-sand matrix. The layer of historic fill extended to a depth ranging from ground surface to approximately 4 feet below grade. Native soil consisting of a tan fine sand and silty clay is present below the historic fill layer.

Hydrogeology

A table of water level data for all monitor wells is included in Table 1. The average depth to groundwater is 11.66 and the range in depth is 9.35 to 12.85. Groundwater flow is generally in a northeastern direction.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Tables 2 through 5. Results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. A copy of the laboratory report is provided in Attachment E. Figure 6 shows the location and posts the values for soil/fill that exceeds UUSCOs and RRSCOs.

Soil/fill samples collected during the RI showed no PCBs or pesticides in any of the soil samples. Trace concentrations of several VOCs were noted in one soil samples (11 to 13 feet). One VOC, 1,2,4-Trimethylbenzene (max. of 5,000 ug/Kg) exceeded Unrestricted Use SCOs. Five SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were found within one shallow soil samples exceeding Unrestricted Use SCOs as well as Restricted Residential SCOs. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) including benz(a)anthracene (max. of 9,600 ug/Kg), benzo(a)pyrene (max. of 8,200 ug/Kg), benzo(b)fluoranthene (max. of 10,000 ug/Kg), chrysene (max. of 10,000 ug/Kg) and indeno(1,2,3-cd)pyrene (max. of 4,500 ug/Kg) exceeding Unrestricted Use SCOs as well as

Restricted Residential SCOs within one shallow soil sample. Several metals including barium (max. of 747 mg/Kg), cadmium (max. of 3.54 mg/Kg), chromium (max. of 43.1 mg/Kg), copper (max. of 149 mg/Kg), lead (max. of 8,060 ug/Kg), mercury (max. of 2.96 ug/Kg) and zinc (max. of 503 ug/Kg) exceeded Unrestricted Use SCOs in three shallow soil samples. And, of these metals, lead, barium and mercury also exceeded Restricted Residential SCOs in two shallow soil samples. Findings of the RI were consistent with observations for historical fill sites in areas throughout NYC, with the exception of two soil sampling locations, B-4 for a VOC hotspot in deep soil and B-5 for a lead hotspot in shallow soil.

5.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 6 through 10. Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

Groundwater samples collected during the investigations showed no PCBs or pesticides in any sample. One VOC, methyl t-butyl ether (MTBE) (max. of 30.0 ug/L) exceeded NYSDEC Part 703.5 Groundwater Quality Standards (GQS) within two samples and the duplicate sample. Trace concentrations of several VOCs were also detected and none of these VOCs exceeded their GQS. Four SVOCs including benzo(a)anthracene (max. of 0.04 ug/L), benzo(b)fluoranthene (at 0.03 ug/L), benzo(k)fluoranthene (at 0.02 ug/L) and chrysene (at 0.04 ug/L) exceeded the GQS. Several metals were identified in groundwater but only manganese (max. of 3.4 mg/L) and sodium (max. of 181 mg/L) exceeded their respective GQS.

5.4 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11.

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Soil vapor samples collected during the RI showed high levels of petroleum related and high levels of chlorinated VOCs in all soil vapor samples. Total concentrations of petroleum-related VOCs (BTEX) ranged from 9.6 µg/m^3 to 117,000 µg/m^3. Overall the highest reported concentrations were for hexane (maximum of 137,000 µg/m^3). Chlorinated VOCs including tetrachloroethene (PCE) was detected in all soil vapor samples and ranged from 50 to 773 µg/m^3, carbon tetrachloride was detected in two samples at a maximum concentration of 0.5 µg/m^3. Trichloroethene (TCE) was detected in two soil vapor samples at a maximum concentration of 7.63 µg/m^3. Trichloroethane (TCA) was not detected in any sample. Concentrations for PCE and TCE were above the monitoring level ranges established within the State DOH soil vapor guidance matrix.

Figure 8 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

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TABLES

Table 1
171-173 Bayard Street,
Brooklyn, NY
Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
B1	1/1/2014	12	2	Geoprobe	-	-
B2	1/1/2014	12	2	Geoprobe	-	-
B3	1/1/2014	12	2	Geoprobe	-	-
B4	4/1/2014	16	2	Geoprobe	-	-
B5	4/1/2014	13	2	Geoprobe	-	-
MW1/GW1	1/1/2014	22	1	PVC	-	9.35
MW2/GW2	1/1/2014	15	1	PVC	10.00	12.85
MW3/GW3	1/1/2014	15	1	PVC	10.00	12.80

TABLE 2
171-173 Bayard Street,
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*	B1				B2				B3				B4				B5				Duplicate	
			(0-2') 1/1/2014 µg/Kg		(10-12') 1/1/2014 µg/Kg		(0-2') 1/1/2014 µg/Kg		(10-12') 1/1/2014 µg/Kg		(0-2') 1/1/2014 µg/Kg		(10-12') 1/1/2014 µg/Kg		(0-2') 4/3/2014 µg/Kg		(11-13') 4/3/2014 µg/Kg		(0-2') 4/3/2014 µg/Kg		(11-13') 4/3/2014 µg/Kg		1/1/2014 µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,1,1-Trichloroethane	680	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,1,2,2-Tetrachloroethane			< 3.1	3.1	< 4.7	4.7	< 3.4	3.4	< 4.9	4.9	< 4.1	4.1	< 4.4	4.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 2.9	2.9
1,1,2-Trichloroethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,1-Dichloroethane	270	26,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,1-Dichloroethene	330	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,1-Dichloropropene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2,3-Trichlorobenzene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2,3-Trichloropropane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2,4-Trichlorobenzene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2,4-Trimethylbenzene	3,600	52,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	**5,000**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2-Dibromo-3-chloropropane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2-Dibromoethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2-Dichlorobenzene	1,100	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2-Dichloroethane	20	3,100	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,2-Dichloropropane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,3,5-Trimethylbenzene	8,400	52,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	**2,300**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,3-Dichlorobenzene	2,400	4,900	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,3-Dichloropropane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
1,4-Dichlorobenzene	1,800	13,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
2,2-Dichloropropane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
2-Chlorotoluene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
2-Hexanone (Methyl Butyl Ketone)			< 26	26	< 39	39	< 29	29	< 41	41	< 34	34	< 37	37	< 51	51	< 1500	1,500	< 42	42	< 76	76	< 24	24
2-Isopropyltoluene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	**310**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
4-Chlorotoluene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
4-Methyl-2-Pentanone			< 26	26	< 39	39	< 29	29	< 41	41	< 34	34	< 37	37	< 51	51	< 1500	1,500	< 42	42	< 76	76	< 24	24
Acetone	50	100,000	< 31	31	< 47	47	< 34	34	< 49	49	< 41	41	< 44	44	< 100	100	< 3000	3,000	< 85	85	< 150	150	< 29	29
Acrylonitrile			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 20	20	< 600	600	< 17	17	< 30	30	< 4.8	4.8
Benzene	60	4,800	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Bromobenzene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Bromochloromethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Bromodichloromethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Bromoform			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Bromomethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Carbon Disulfide			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Carbon tetrachloride	760	2,400	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Chlorobenzene	1,100	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Chloroethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Chloroform	370	49,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Chloromethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
cis-1,2-Dichloroethene	250	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
cis-1,3-Dichloropropene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Dibromochloromethane			< 3.1	3.1	< 4.7	4.7	< 3.4	3.4	< 4.9	4.9	< 4.1	4.1	< 4.4	4.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 2.9	2.9
Dibromomethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Dichlorodifluoromethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Ethylbenzene	1,000	41,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Hexachlorobutadiene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Isopropylbenzene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
m&p-Xylenes	260	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 31	31	< 47	47	< 34	34	< 49	49	< 41	41	< 44	44	< 61	61	< 1800	1,800	< 51	51	< 91	91	< 29	29
Methyl t-butyl ether (MTBE)	930	100,000	< 10	10	< 16	16	< 11	11	< 16	16	< 14	14	< 15	15	< 20	20	< 600	600	< 17	17	< 30	30	< 9.5	9.5
Methylene chloride	50	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Naphthalene	12,000	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	**13**	10	**1,100**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
n-Butylbenzene	12,000	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	**1,400**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
n-Propylbenzene	3,900	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	**410**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
o-Xylene	260	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
p-Isopropyltoluene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	**1,400**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
sec-Butylbenzene	11,000	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	**1,500**	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Styrene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
tert-Butylbenzene	5,900	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Tetrachloroethene	1,300	19,000	< 5.2	5.2	< 7.9	7.9	**14**	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	**15**	10	< 300	300	**350**	270	< 15	15	**7.7**	4.8
Tetrahydrofuran (THF)			< 10	10	< 16	16	< 11	11	< 16	16	< 14	14	< 15	15	< 20	20	< 600	600	< 17	17	< 30	30	< 9.5	9.5
Toluene	700	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
trans-1,2-Dichloroethene	190	100,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
trans-1,3-Dichloropropene			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
trabs-1,4-dichloro-2-butene			< 10	10	< 16	16	< 11	11	< 16	16	< 14	14	< 15	15	< 20	20	< 600	600	< 17	17	< 30	30	< 9.5	9.5
Trichloroethene	470	21,000	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Trichlorofluoromethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Trichlorotrifluoroethane			< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Vinyl Chloride	20	900	< 5.2	5.2	< 7.9	7.9	< 5.7	5.7	< 8.1	8.1	< 6.9	6.9	< 7.4	7.4	< 10	10	< 300	300	< 8.5	8.5	< 15	15	< 4.8	4.8
Total BTEX Concentration			**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	
Total VOCs Concentration			**0**		**0.0**		**14**		**0.0**		**0**		**0.0**		**28**		**13420.0**		**350**		**0.0**		**7.7**	

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
171-173 Bayard Street,
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*	B1				B2				B3				B4				B5				Duplicate	
			(0-2') 1/1/2014		(10-12') 1/1/2014		(0-2') 1/1/2014		(10-12') 1/1/2014		(0-2') 1/1/2014		(10-12') 1/1/2014		(0-2') 4/3/2014		(11-13') 4/3/2014		(0-2') 4/3/2014		(11-13') 4/3/2014		1/1/2014	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
1,2,4-Trichlorobenzene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
1,2-Dichlorobenzene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
1,2-Diphenylhydrazine			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
1,3-Dichlorobenzene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
1,4-Dichlorobenzene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2,4,5-Trichlorophenol			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2,4,6-Trichlorophenol			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2,4-Dichlorophenol			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2,4-Dimethylphenol			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2,4-Dinitrophenol			< 550	550	< 570	570	< 620	620	< 660	660	< 540	540	< 650	650	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 650	650
2,4-Dinitrotoluene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2,6-Dinitrotoluene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2-Chloronaphthalene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2-Chlorophenol			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2-Methylnaphthalene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	**7,600**	5,700	< 2500	2,500	< 300	300	< 280	280
2-Methylphenol (o-cresol)	330	100,000	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
2-Nitroaniline			< 550	550	< 570	570	< 620	620	< 660	660	< 540	540	< 650	650	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 650	650
2-Nitrophenol			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
3&4-Methylphenol (m&p-cresol)			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
3,3'-Dichlorobenzidine			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 720	720	< 16000	16,000	< 7100	7,100	< 860	860	< 280	280
3-Nitroaniline			< 550	550	< 570	570	< 620	620	< 660	660	< 540	540	< 650	650	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 650	650
4,6-Dinitro-2-methylphenol			< 990	990	< 1000	1,000	< 1100	1,100	< 1200	1,200	< 990	990	< 1200	1,200	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 1200	1,200
4-Bromophenyl phenyl ether			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
4-Chloro-3-methylphenol			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
4-Chloroaniline			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 720	720	< 16000	16,000	< 7100	7,100	< 860	860	< 280	280
4-Chlorophenyl phenyl ether			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
4-Nitroaniline			< 550	550	< 570	570	< 620	620	< 660	660	< 540	540	< 650	650	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 650	650
4-Nitrophenol			< 990	990	< 1000	1,000	< 1100	1,100	< 1200	1,200	< 990	990	< 1200	1,200	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 1200	1,200
Acenaphthene	20,000	100,000	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**1,100**	2,500	< 300	300	< 280	280
Acenaphthylene	100,000	100,000	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Acetophenone			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Aniline			< 990	990	< 1000	1,000	< 1100	1,100	< 1200	1,200	< 990	990	< 1200	1,200	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 1200	1,200
Anthracene	100,000	100,000	**280**	240	< 250	250	**280**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**2,700**	2,500	< 300	300	< 280	280
Benz(a)anthracene	1,000	1,000	**520**	240	< 250	250	**720**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**9,600**	2,500	< 300	300	< 280	280
Benzidine			< 410	410	< 430	430	< 460	460	< 490	490	< 410	410	< 490	490	< 720	720	< 16000	16,000	< 7100	7,100	< 860	860	< 490	490
Benzo(a)pyrene	1,000	1,000	**440**	240	< 250	250	**660**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**8,200**	2,500	< 300	300	< 280	280
Benzo(b)fluoranthene	1,000	1,000	**530**	240	< 250	250	**840**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**10,000**	2,500	< 300	300	< 280	280
Benzo(ghi)perylene	100,000	100,000	< 240	240	< 250	250	**400**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**4,900**	2,500	< 300	300	< 280	280
Benzo(k)fluoranthene	800	3,900	< 240	240	< 250	250	**280**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**3,100**	2,500	< 300	300	< 280	280
Benzoic acid			< 990	990	< 1000	1,000	< 1100	1,100	< 1200	1,200	< 990	990	< 1200	1,200	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 1200	1,200
Benzyl butyl phthalate			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Bis(2-chloroethoxy)methane			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Bis(2-chloroethyl)ether			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
Bis(2-chloroisopropyl)ether			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Bis(2-ethylhexyl)phthalate			< 240	240	< 250	250	**1,400**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Carbazole			< 510	510	< 540	540	< 580	580	< 610	610	< 510	510	< 610	610	< 1800	1,800	< 40000	40,000	< 18000	18,000	< 2100	2,100	< 610	610
Chrysene	1,000	3,900	**490**	240	< 250	250	**740**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**10,000**	2,500	< 300	300	< 280	280
Dibenz(a,h)anthracene	330	330	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Dibenzofuran	7,000	59,000	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Diethyl phthalate			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Dimethylphthalate			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Di-n-butylphthalate			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Di-n-octylphthalate			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Fluoranthene	100,000	100,000	**1,000**	240	< 250	250	**1,600**	270	< 290	290	< 240	240	< 280	280	**180**	250	< 5700	5,700	**19,000**	2,500	< 300	300	< 280	280
Fluorene	30,000	100,000	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Hexachlorobenzene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Hexachlorobutadiene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Hexachlorocyclopentadiene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Hexachloroethane			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Indeno(1,2,3-cd)pyrene	500	500	< 240	240	< 250	250	**360**	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	**4,500**	2,500	< 300	300	< 280	280
Isophorone			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Naphthalene	12,000	100,000	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Nitrobenzene			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
N-Nitrosodimethylamine			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
N-Nitrosodi-n-propylamine			< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
N-Nitrosodiphenylamine			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
Pentachloronitrobenzene			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
Pentachlorophenol	800	6,700	< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400
Phenanthrene	100,000	100,000	**1,400**	240	< 250	250	**1,400**	270	< 290	290	< 240	240	< 280	280	**130**	250	**4,300**	5,700	**15,000**	2,500	< 300	300	< 280	280
Phenol	330	100,000	< 240	240	< 250	250	< 270	270	< 290	290	< 240	240	< 280	280	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 280	280
Pyrene	100,000	100,000	**870**	240	< 250	250	**1,400**	270	< 290	290	< 240	240	< 280	280	**180**	250	< 5700	5,700	**18,000**	2,500	< 300	300	< 280	280
Pyridine			< 340	340	< 360	360	< 380	380	< 410	410	< 340	340	< 400	400	< 250	250	< 5700	5,700	< 2500	2,500	< 300	300	< 400	400

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
171-173 Bayard Street,
Brooklyn, New York
Pesticide and PCB Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B4				B5			
			(0-2') 4/3/2014		(11-13') 4/3/2014		(0-2') 4/3/2014		(11-13') 4/3/2014	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	3.3	2,600	< 2.6	2.6	< 2.9	2.9	< 26	26	< 3.1	3.1
4,4' -DDE	3.3	1,800	< 2.6	2.6	< 2.9	2.9	< 26	26	< 3.1	3.1
4,4' -DDT	3.3	1,700	< 2.6	2.6	< 2.9	2.9	< 26	26	< 3.1	3.1
a-BHC	20	97	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
a-Chlordane	910	94	< 3.6	3.6	< 4.0	4	< 36	36	< 4.4	4.4
Aldrin	5	19	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
b-BHC	36	72	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
Chlordane			< 21	21	< 24	24	< 210	210	< 26	26
d-BHC	40	100,000	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
Dieldrin	5	39	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
Endosulfan I	2,400	4,800	< 3.6	3.6	< 4.0	4	< 36	36	< 4.4	4.4
Endosulfan II	2,400	4,800	< 3.6	3.6	< 4.0	4	< 36	36	< 4.4	4.4
Endosulfan sulfate	2,400	4,800	< 3.6	3.6	< 4.0	4	< 36	36	< 4.4	4.4
Endrin	14	2,200	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
Endrin aldehyde			< 3.6	3.6	< 4.0	4	< 36	36	< 4.4	4.4
Endrin ketone			< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
g-BHC	100	280	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
g-Chlordane			< 3.6	3.6	< 4.0	4	< 36	36	< 4.4	4.4
Heptachlor	42	420	< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
Heptachlor epoxide			< 1.8	1.8	< 2.0	2	< 18	18	< 2.2	2.2
Methoxychlor			< 7.1	7.1	< 8.1	8.1	< 71	71	< 8.7	8.7
Toxaphene			< 180	180	< 200	200	< 1800	1,800	< 220	220
PCB-1016	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1221	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1232	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1242	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1248	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1254	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1260	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1262	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44
PCB-1268	100	1,000	< 36	36	< 40	40	< 36	36	< 44	44

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 5
171-173 Bayard Street,
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*	B1 (0-2') 1/1/2014 mg/Kg		B2 (0-2') 1/1/2014 mg/Kg		B3 (0-2') 1/1/2014 mg/Kg		B4 (0-2') 4/3/2014 mg/Kg		B4 (10-12') 4/3/2014 mg/Kg		B5 (0-2') 4/3/2014 mg/Kg		B5 (10-12') 4/3/2014 mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			6,560	48	8,310	57	5,380	45	5,750	38	6,010	36	6,640	35	5,640	40
Antimony			< 3.2	3.2	< 3.8	3.8	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3
Arsenic	13	16	1.9	0.6	8	0.8	1	0.6	< 0.8	0.8	1.7	0.7	7.9	0.7	1.8	0.8
Barium	350	400	72.1	0.32	313	0.38	33.4	0.3	44.3	0.8	30	0.7	747	0.7	34.7	0.8
Beryllium	7.2	72	0.38	0.26	0.46	0.31	0.28	0.24	0.34	0.3	0.37	0.29	0.46	0.28	0.39	0.32
Cadmium	2.5	4.3	0.87	0.32	3.54	0.38	0.32	0.3	< 0.38	0.38	< 0.36	0.36	0.58	0.35	< 0.40	0.4
Calcium			2,090	4.8	4,110	5.7	1,180	4.5	3,770	3.8	843	3.6	11,600	35	596	4
Chromium	30	180	16.6	0.32	26.6	0.38	17	0.3	18.1	0.38	19.4	0.36	43.1	0.35	19.3	0.4
Cobalt			3.93	0.32	4.99	0.38	4.94	0.3	4.9	0.38	5.53	0.36	5.61	0.35	7.13	0.4
Copper	50	270	27.3	0.32	149	0.38	14.2	0.3	14.3	0.38	12.2	0.36	75.2	0.35	12.3	0.4
Iron			40,600	48	47,400	57	23,900	45	22,600	38	17,900	36	27,800	35	26,700	40
Lead	63	400	76	0.32	1,210	3.8	15.7	0.3	23.2	0.8	6.5	0.7	8,060	71	7.6	0.8
Magnesium			1,880	4.8	1,910	5.7	1,950	4.5	2,120	3.8	1,660	3.6	3,810	3.5	1,630	4
Manganese	1,600	2,000	581	3.2	501	3.8	381	3	366	3.8	126	0.36	542	3.5	515	4
Mercury	0.18	0.81	0.11	0.06	2.96	0.09	< 0.08	0.08	< 0.06	0.06	< 0.07	0.07	1.24	0.07	< 0.10	0.1
Nickel	30	310	9.85	0.32	21.5	0.38	9.67	0.3	10.4	0.38	10	0.36	11.6	0.35	10.8	0.4
Potassium			1,110	4.8	1,140	5.7	1,350	4.5	1,640	8	1,000	7	1,260	7	1,140	8
Selenium	3.9	180	< 1.3	1.3	< 1.5	1.5	< 1.2	1.2	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.6	1.6
Silver	2	180	< 0.32	0.32	< 0.38	0.38	< 0.30	0.3	< 0.38	0.38	< 0.36	0.36	< 0.35	0.35	< 0.40	0.4
Sodium			176	4.8	113	5.7	63.4	4.5	152	8	98	7	280	7	224	8
Thallium			< 2.9	2.9	< 3.4	3.4	< 2.7	2.7	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4	< 1.6	1.6
Vanadium			33.5	0.32	32	0.38	29.1	0.3	28.2	0.4	27.7	0.4	25.1	0.4	29.1	0.4
Zinc	109	10,000	485	3.2	503	3.8	248	3	44.5	0.8	33.9	0.7	254	7.1	32	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
171-173 Bayard Street,
Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	GW1		GW2		GW3		MW1		MW2		MW3		DUPLICATE	
		1/1/2014		1/1/2014		1/1/2014		4/22/2014		4/22/2014		4/22/2014		4/22/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,1-Trichloroethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,1,2,2-Tetrachloroethane	5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,2-Trichloroethane	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloroethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,1-Dichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1-Dichloropropene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,3-Trichloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trichlorobenzene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2,4-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromo-3-chloropropane	0.04	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dibromoethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Dichloroethane	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	**0.22**	2	< 2.0	2	< 2.0	2	**0.23**	2
1,2-Dichloropropane	0.94	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3,5-Trimethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,3-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3
1,3-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,4-Dichlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
2,2-Dichloropropane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Hexanone (Methyl Butyl Ketone)		< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Isopropyltoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Methyl-2-Pentanone		< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Acetone		< 25	25	< 25	25	< 25	25	< 5.0	5	< 5.0	5	< 5.0	5	**2.1**	5
Acrolein		-		-		-		< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Acrylonitrile	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Benzene	1	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7	< 0.70	0.7
Bromobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromochloromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromodichloromethane		< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromoform		< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bromomethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Carbon Disulfide	60	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbon tetrachloride	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Chlorobenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroform	7	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloromethane	60	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
cis-1,2-Dichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
cis-1,3-Dichloropropene		< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
Dibromochloromethane		< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dibromomethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Dichlorodifluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Ethylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Hexachlorobutadiene	0.5	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.5	0.5	< 0.5	0.5	< 0.5	0.5	< 0.5	0.5
Isopropylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
m&p-Xylenes	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methyl Ethyl Ketone (2-Butanone)		< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methyl t-butyl ether (MTBE)	10	**30**	1	< 1.0	1	< 1.0	1	**14**	1	< 1.0	1	**0.82**	1	**14**	1
Methylene chloride	5	< 1.0	1	< 1.0	1	< 1.0	1	< 3.0	3	< 3.0	3	**0.28**	3	< 3.0	3
Naphthalene	10	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
n-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
n-Propylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
o-Xylene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
p-Isopropyltoluene		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
sec-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Styrene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
tert-Butylbenzene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Tetrachloroethene	5	< 1.0	1	**1.2**	1	**1.9**	1	< 1.0	1	**1.7**	1	**2**	1	< 1.0	1
Tetrahydrofuran (THF)		< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Toluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
trans-1,2-Dichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
trans-1,3-Dichloropropene	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
trans-1,4-dichloro-2-butene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorofluoromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Trichlorotrifluoroethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Vinyl Chloride	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1

Notes:
- Not analyzed
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
171-173 Bayard Street,
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	GW1		GW3		MW1		MW2		MW3		DUPLICATE	
		1/1/2014		1/1/2014		4/22/2014		4/22/2014		4/22/2014		4/22/2014	
		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
	µg/L	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene		< 1.6	1.6	< 1.8	1.8	< 0.50	0.5	< 0.51	0.51	< 0.50	0.5	< 0.50	0.5
1,2,4-Trichlorobenzene		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
1,2-Dichlorobenzene		< 3	3	< 3	3	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,2-Diphenylhdrazine		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
1,3-Dichlorobenzene		< 3	3	< 3	3	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,4-Dichlorobenzene		< 3	3	< 3	3	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4,5-Trichlorophenol	3	< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4,6-Trichlorophenol	3	< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dichlorophenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dimethylphenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dinitrophenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dinitrotoluene	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
2,6-Dinitrotoluene	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
2-Chloronaphthalene	10	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
2-Chlorophenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Methylnaphthalene		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
2-Methylphenol (o-cresol)		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Nitroaniline	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
2-Nitrophenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
3&4-Methylphenol (m&p-cresol)		< 10	10	< 11	11	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
3,3'-Dichlorobenzidine	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
3-Nitroaniline	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
4,6-Dinitro-2-methylphenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Bromophenyl phenyl ether		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
4-Chloro-3-methylphenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Chloroaniline	5	< 5	5	< 5	5	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5
4-Chlorophenyl phenyl ether		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
4-Nitroaniline	5	< 5	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
4-Nitrophenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Acenaphthene	20	< 0.050	0.05	< 0.056	0.06	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Acenaphthylene		< 0.050	0.05	< 0.056	0.06	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1
Acetophenone		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Aniline		< 5	5	< 5	5	< 3.5	3.5	< 3.6	3.6	< 3.5	3.5	< 3.5	3.5
Anthracene	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Benzo(a)anthracene	0.002	**0.02**	0.02	**0.022**	0.02	**0.04**	0.02	**0.04**	0.02	**0.03**	0.02	**0.02**	0.02
Benzidine	5	< 5	5	< 5	5	< 4.5	4.5	< 4.6	4.6	< 4.5	4.5	< 4.5	4.5
Benzo(a)pyrene		< 0.02	0.02	< 0.022	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	< 0.022	0.02	< 0.02	0.02	**0.03**	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(g,h,i)perylene		< 3.0	3	< 3.3	3.3	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(k)fluoranthene	0.002	< 0.02	0.02	< 0.022	0.02	< 0.02	0.02	**0.02**	0.02	< 0.02	0.02	< 0.02	0.02
Benzoic Acid		< 50	50	< 50	50	< 25	25	< 26	26	< 25	25	< 25	25
Benzyl Butyl phthalate		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Bis(2-chloroethoxy)methane	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
Bis(2-chloroethyl)ether	1	< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bis(2-chloroisopropyl)ether		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Bis(2-ethylhexyl)phthalate	5	< 1.6	1.6	< 1.8	1.8	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbazole		< 5.0	5	< 5.6	5.6	< 25	25	< 26	26	< 25	25	< 25	25
Chrysene	0.002	< 0.02	0.02	< 0.022	0.02	**0.03**	0.02	**0.04**	0.02	**0.02**	0.02	< 0.02	0.02
Dibenzo(a,h)anthracene		< 0.02	0.02	< 0.011	0.01	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Dibenzofuran		< 5.0	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
Diethylphthalate	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Dimethylphthalate	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Di-n-butylphthalate	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Di-n-octylphthalate	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Fluoranthene	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Hexachlorobenzene	0.04	< 0.040	0.04	< 0.044	0.04	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Fluorene	50	< 5.0	5	< 5.6	5.6	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobutadiene	0.5	< 0.5	0.5	< 0.5	0.5	< 0.40	0.4	< 0.41	0.41	< 0.40	0.4	< 0.40	0.4
Hexachlorocyclopentadiene	5	< 5.0	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
Hexachloroethane	5	< 2.4	2.4	< 2.7	2.7	< 0.50	0.5	< 0.51	0.51	< 0.50	0.5	< 0.50	0.5
Indeno(1,2,3-cd)pyrene	0.002	< 0.02	0.02	< 0.022	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Isophorone	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Naphthalene	10	< 5.0	5	< 5	5	< 5.0	5	< 5	5	< 5.0	5	< 5.0	5
Nitrobenzene	0.4	< 0.4	0.4	< 0.4	0.4	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1
N-Nitrosodimethylamine		< 5.0	5	< 5.6	5.6	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
N-Nitrosodi-n-propylamine		< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
N-Nitrosodiphenylamine	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Pentachloronitrobenzene		< 0.10	0.1	< 0.11	0.11	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1
Pentachlorophenol		< 0.80	0.8	< 0.89	0.89	< 0.80	0.8	< 0.82	0.82	< 0.80	0.8	< 0.80	0.8
Phenanthrene	50	< 0.050	0.05	< 0.056	0.06	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1
Phenol		< 1	1	< 1	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Pyrene	50	< 5.0	5	< 5.6	5.6	< 5.0	5	< 5.1	5.1	< 5.0	5	< 5.0	5
Pyridine		< 0.50	0.5	< 0.56	0.56	< 10	10	< 10	10	< 10	10	< 10	10

Notes:

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
171-173 Bayard Street,
Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		Duplicate	
		4/22/2014		4/22/2014		4/22/2014		4/22/2014	
	µg/L	µg/L		µg/L		µg/L		µg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
PCB-1016	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1221	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1232	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1242	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1248	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1254	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1260	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1262	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
PCB-1268	**0.09**	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072	< 0.072	0.072
4,4-DDD	**0.3**	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
4,4-DDE	**0.2**	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
4,4-DDT	**0.11**	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
a-BHC	**0.94**	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
a-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Alachlor		< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075
Aldrin		< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
b-BHC	**0.04**	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Chlordane	**0.05**	< 0.030	0.03	< 0.030	0.03	< 0.030	0.03	< 0.030	0.03
d-BHC	**0.04**	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Dieldrin	**0.004**	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002	< 0.002	0.002
Endosulfan I		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Endosulfan II		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Endosulfan Sulfate		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Endrin		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Endrin aldehyde	**5**	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Endrin ketone		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
gamma-BHC	**0.05**	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
g-Chlordane		< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Heptachlor	**0.04**	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Heptachlor epoxide	**0.03**	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01	< 0.010	0.01
Methoxychlor	**35**	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1	< 0.10	0.1
Toxaphene		< 0.20	0.2	< 0.20	0.2	< 0.20	0.2	< 0.20	0.2

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
171-173 Bayard Street,
Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		Duplicate	
		4/22/2014		4/22/2014		4/22/2014		4/22/2014	
	mg/L	mg/L		mg/L		mg/L		mg/L	
	mg/L	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	**NS**	**0.11**	0.01	**0.09**	0.01	**0.09**	0.01	**0.11**	0.01
Antimony	**0.003**	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003	< 0.003	0.003
Arsenic	**0.025**	< 0.003	0.003	< 0.003	0.003	**0.001**	0.003	< 0.003	0.003
Barium	**1**	**0.025**	0.011	**0.156**	0.011	**0.167**	0.011	**0.026**	0.011
Beryllium	**0.003**	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cadmium	**0.005**	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Calcium	**NS**	**37.3**	0.01	**89.2**	0.01	**87.7**	0.01	**37.6**	0.01
Chromium	**0.05**	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Cobalt	**NS**	< 0.005	0.005	< 0.005	0.005	**0.001**	0.005	< 0.005	0.005
Copper	**0.2**	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Iron	**0.5**	**0.06**	0.01	**0.02**	0.01	**0.01**	0.01	**0.08**	0.01
Lead	**0.025**	**0.002**	0.002	< 0.002	0.002	< 0.002	0.002	**0.003**	0.002
Magnesium	**35**	**11.3**	0.01	**9.18**	0.01	**15.6**	0.01	**11.4**	0.01
Manganese	**0.3**	**3.33**	0.053	**1.67**	0.005	**0.516**	0.005	**3.4**	0.053
Mercury	**0.0007**	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	**0.1**	**0.004**	0.004	**0.005**	0.004	**0.002**	0.004	**0.004**	0.004
Potassium	**NS**	**3.3**	0.1	**4.5**	0.1	**8**	0.1	**3.3**	0.1
Selenium	**0.01**	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004	< 0.004	0.004
Silver	**0.05**	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	**2**	**177**	1.1	**81.1**	1.1	**115**	1.1	**181**	1.1
Thallium	**0.0005**	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001	< 0.001	0.001
Vanadium	**NS**	**0.002**	0.01	**0.002**	0.01	**0.002**	0.01	**0.002**	0.01
Zinc	**2**	**0.002**	0.011	**0.036**	0.011	**0.005**	0.011	**0.002**	0.011

Notes:
BRL - Below Reporting Limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10
171-173 Bayard Street,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

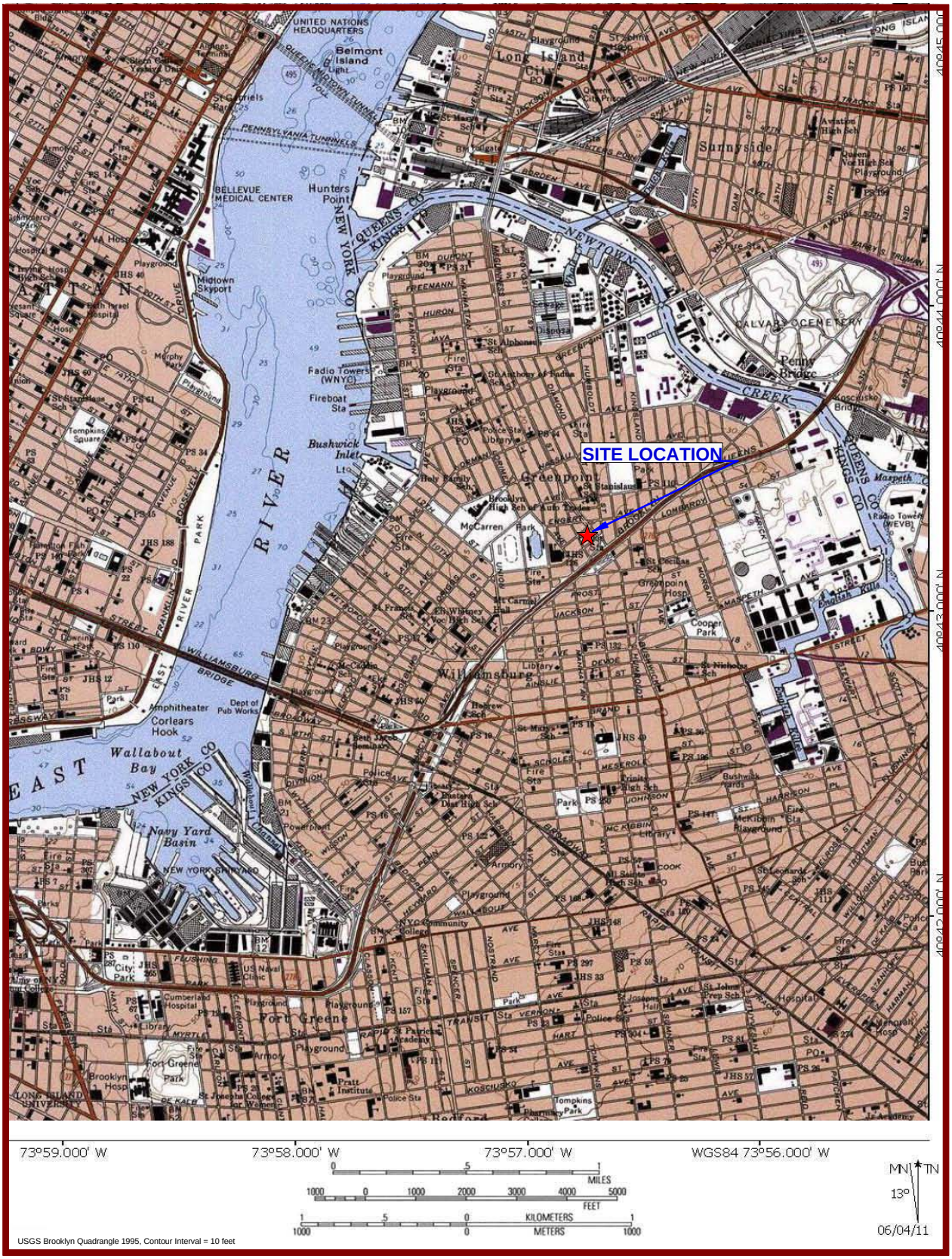
COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SG-1 (µg/m3)		SG-2 (µg/m3)		SG-3 (µg/m3)		SG-4 (µg/m3)		SG-5 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2,2-Tetrachloroethane		<1.5	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	< 150	150	**6.39**	1	**6.63**	1	**5.55**	1	**3.49**	1
1,2-Dibromoethane		<1.5	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 150	150	< 1.00	1	< 1.00	1	**2.43**	1	< 1.00	1
1,2-Dichloropropane			< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	< 150	150	**2.36**	1	**2.65**	1	**3.59**	1	**1.23**	1
1,3-Butadiene		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 150	150	< 1.00	1	**14.8**	1	< 1.00	1	< 1.00	1
2-Hexanone			< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
4-Ethyltoluene		NA	< 150	150	**1.18**	1	**2.26**	1	**2.01**	1	< 1.00	1
4-Isopropyltoluene			< 150	150	**1.26**	1	**1.97**	1	**1.32**	1	< 1.00	1
4-Methyl-2-pentanone			< 150	150	**1.19**	1	**4.26**	1	< 1.00	1	**1.8**	1
Acetone		NA	< 150	150	**5.98**	1	**489**	1	< 1.00	1	**5.96**	1
Acrylonitrile			< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	**32,900**	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Benzyl Chloride		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	< 150	150	< 1.00	1	< 1.00	1	**5.51**	1	< 1.00	1
Carbon Tetrachloride	5	<3.1	< 37.4	37.4	**0.503**	0.25	**0.314**	0.25	< 0.25	0.25	< 0.25	0.25
Chlorobenzene		<2.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	< 150	150	< 1.00	1	**4.93**	1	< 1.00	1	< 1.00	1
Chloromethane		<1.0 - 1.4	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	**15,100**	150	< 1.00	1	< 1.00	1	**691**	1	< 1.00	1
Dibromochloromethane		<5.0	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluromethane		NA	< 150	150	**2.32**	1	**2.47**	1	**1.88**	1	**1.63**	1
Ethanol			< 150	150	**7.34**	1	**574**	1	**22**	1	**20.3**	1
Ethyl Acetate		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	**1.04**	1
Ethylbenzene		<4.3	**4,860**	150	**1.3**	1	**3.78**	1	**5.47**	1	**1.91**	1
Heptane		NA	**31,600**	150	< 1.00	1	**2.46**	1	**32.1**	1	< 1.00	1
Hexachlorobutadiene		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	**137,000**	150	< 1.00	1	**1.34**	1	**194**	1	< 1.00	1
Isopropylalcohol		NA	< 150	150	**2.6**	1	**393**	1	**6.36**	1	**3.78**	1
Isopropylbenzene			**287**	150	< 1.00	1	< 1.00	1	**3.04**	1	< 1.00	1
Xylene (m&p)		<4.3	**9,760**	150	**4.21**	1	**7.85**	1	**10.5**	1	**5.38**	1
Methyl Ethyl Ketone			< 150	150	< 1.00	1	**5.6**	1	< 1.00	1	**1.09**	1
MTBE		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Methylene Chloride		<3.4	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
n-Butylbenzene			< 150	150	**2.14**	1	**2.19**	1	**1.97**	1	< 1.00	1
Xylene (o)		<4.3	**3,580**	150	**2.21**	1	**3.95**	1	**4.99**	1	**2.34**	1
Propylene		NA	**206**	150	< 1.00	1	**3.04**	1	**4.02**	1	< 1.00	1
sec-Butylbenzene			< 150	150	< 1.00	1	< 1.00	1	**1.26**	1	< 1.00	1
Styrene		<1.0	< 150	150	**1.4**	1	**2.34**	1	**5.58**	1	**2.21**	1
Tetrachloroethene	100		**773**	37.5	**50.1**	0.25	**218**	0.25	**104**	0.25	**74.6**	0.25
Tetrahydrofuran		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Toluene		1.0 - 6.1	**65,900**	150	**1.88**	1	**8.47**	1	**3.16**	1	**3.2**	1
trans-1,2-Dichloroethene		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	< 37.5	37.5	< 0.25	0.25	**0.698**	0.25	**7.63**	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	< 150	150	**1.29**	1	< 1.00	1	< 1.00	1	< 1.00	1
Trichlorotrifluoroethane			< 150	150	< 1.00	1	< 1.00	1	< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 37.6	37.6	< 0.25	0.25	< 0.25	0.25	**0.485**	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 values)
Value detected above NYSDOH Air Guidance Value of 5 µg/m3, which according to Soil Vapor/Indoor Air Matrix 1 would require at a minimum, monitoring.
Value detected above NYSDOH Air Guidance Value of 100 µg/m3, which according to Soil Vapor/Indoor Air Matrix 2 would require at a minimum, monitoring.

Table 11
171-173 Bayard Street
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 4/22/2014
MW1	1	22.3	-	6.39	93.61	9.35	-	-	84.26
MW2	1	15	5-15	4.58	95.42	12.85	-	-	82.57
MW3	1	15	5-15	4.65	95.35	12.80	-	-	82.55

FIGURES



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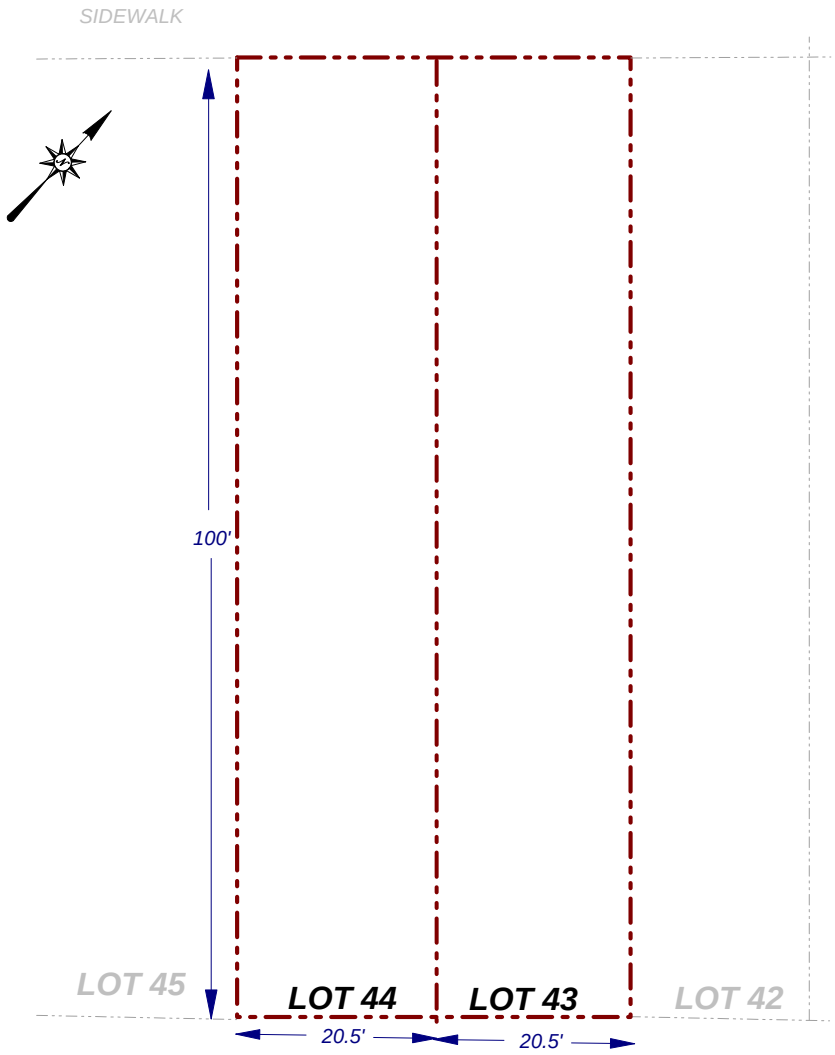
Fax 631. 924 .2870

171-173 BAYARD STREET, BROOKLYN NY 11222
BLOCK 2720 LOTS 44 & 43

FIGURE 1 SITE LOCATION MAP



KEY:

Property Boundary

SCALE:

0 10 20

1 Inch = 20 feet

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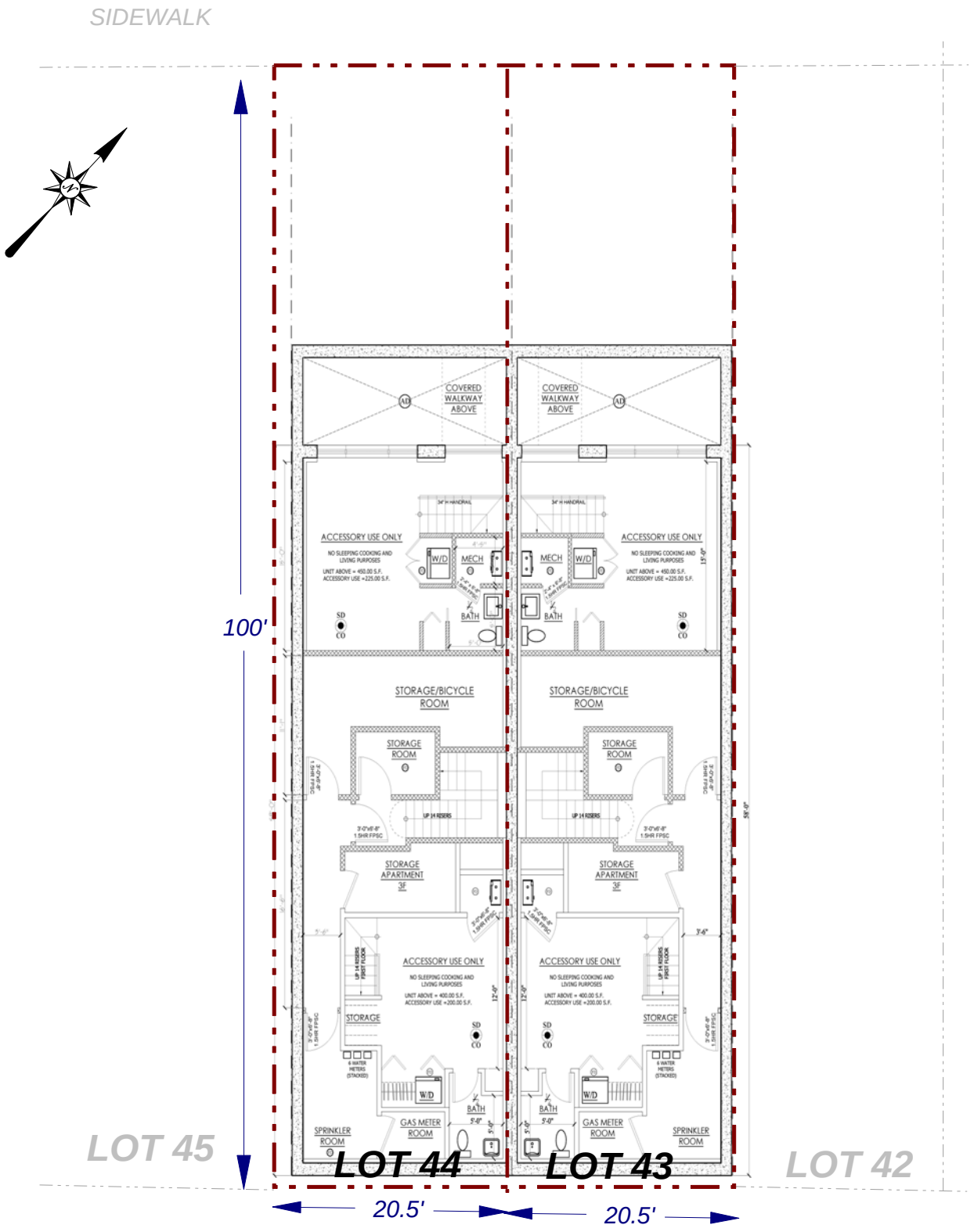
171-173 Bayard Street
BROOKLYN, NY

FIGURE 2 Site Boundary



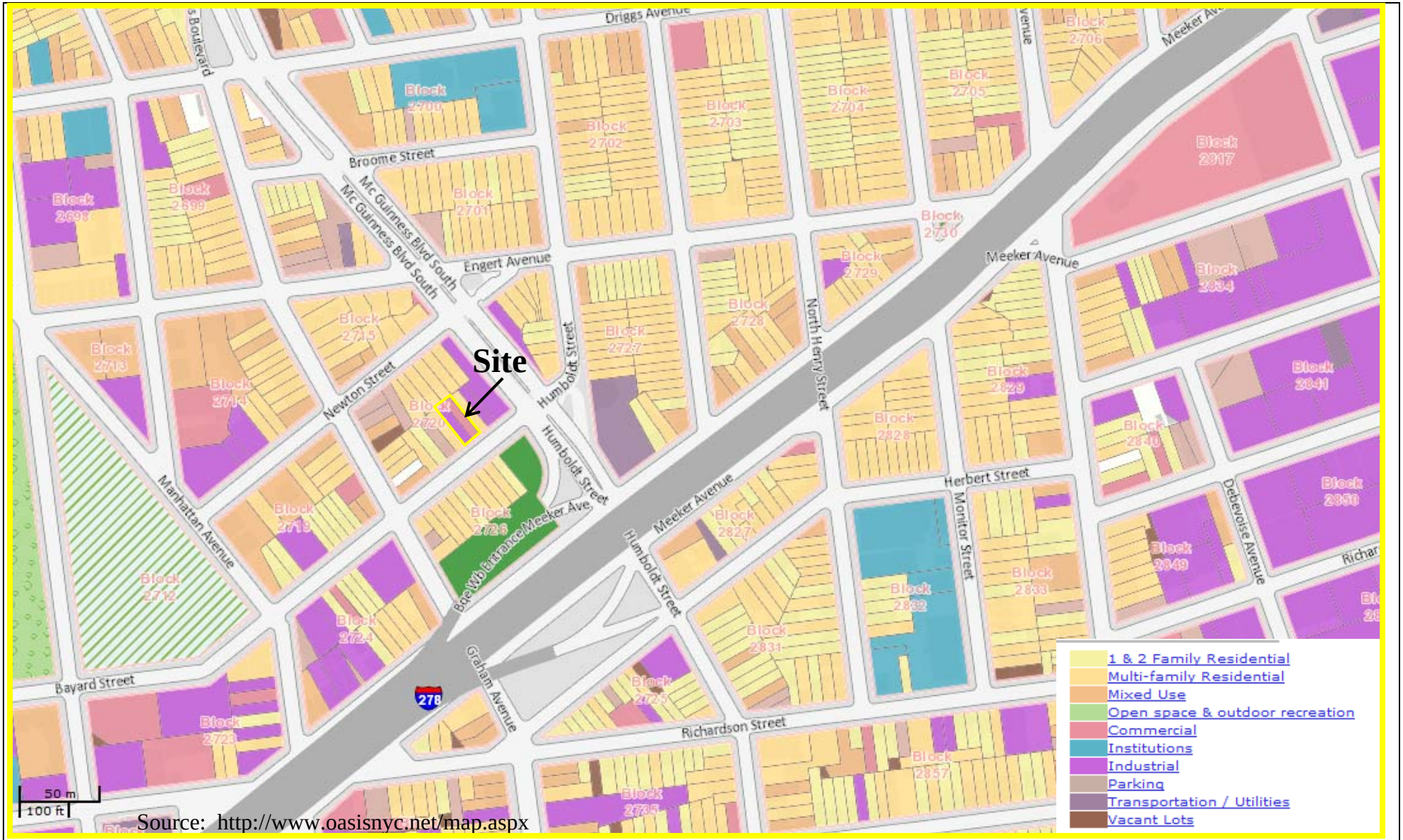
KEY:

Property Boundary

SCALE:

0 10 20

1 Inch = 20 feet



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

FIGURE 4
SURROUNDING LAND USE MAP

171-173 BAYARD STREET, BROOKLYN, NY

REMEDIAL INVESTIGATION REPORT

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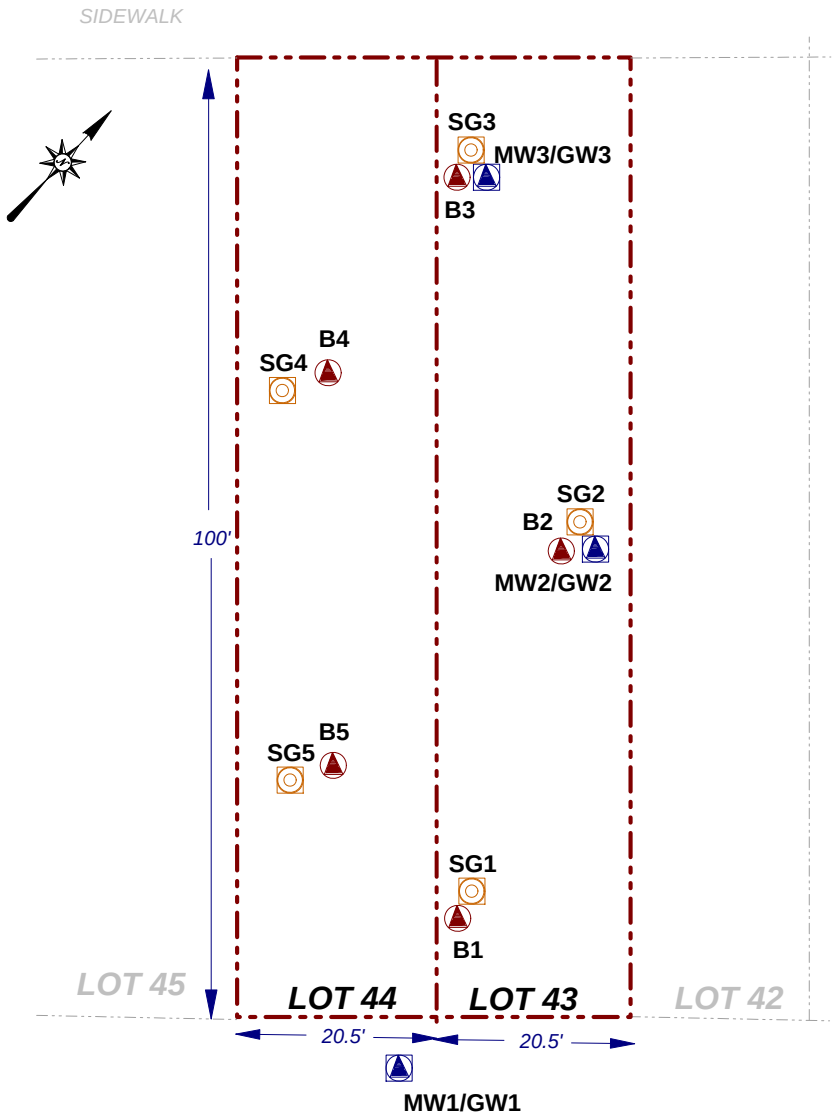

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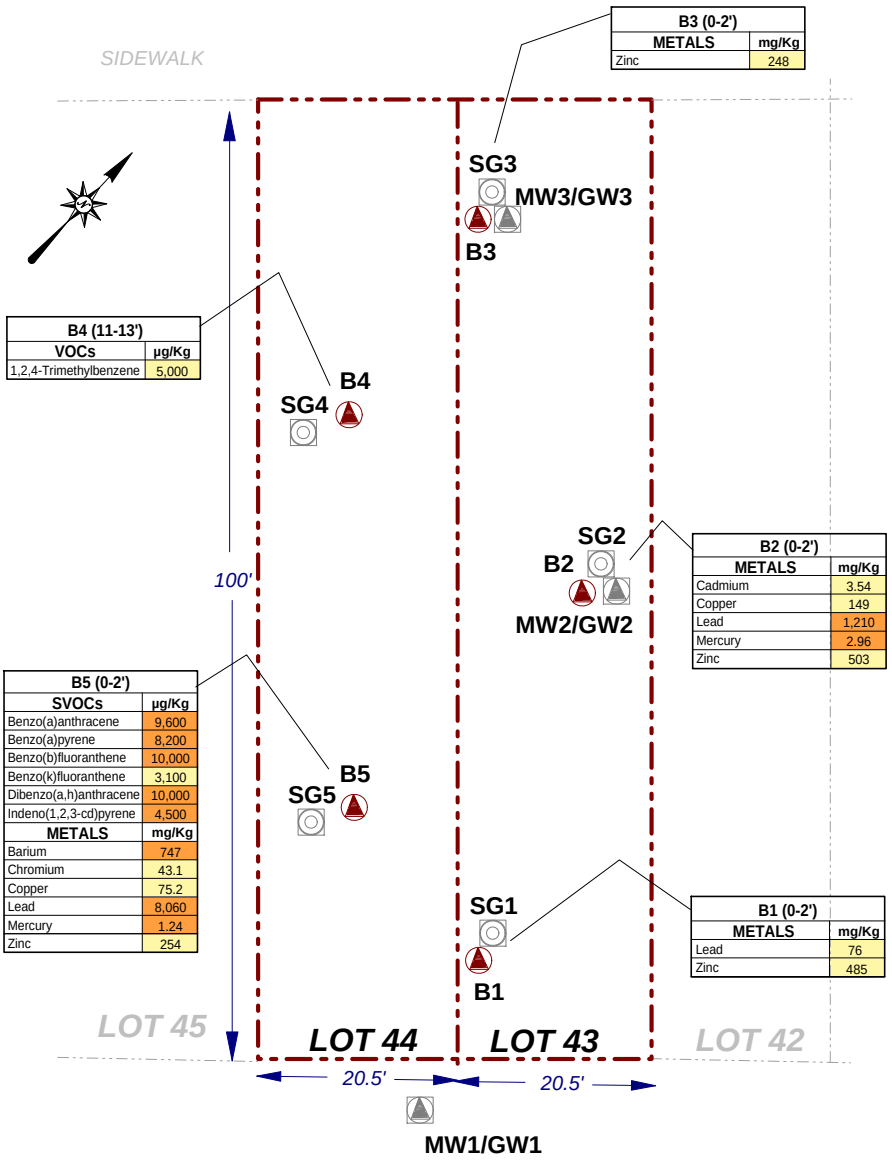
171-173 Bayard Street
BROOKLYN, NY

FIGURE 5 Site Plan



KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Sampling Location
- Soil Gas Sampling Location
- Concentration Above Restricted Residential SCO
- Concentration Above Unrestricted Use SCO

SCALE:

0 10 20

1 Inch = 20 feet

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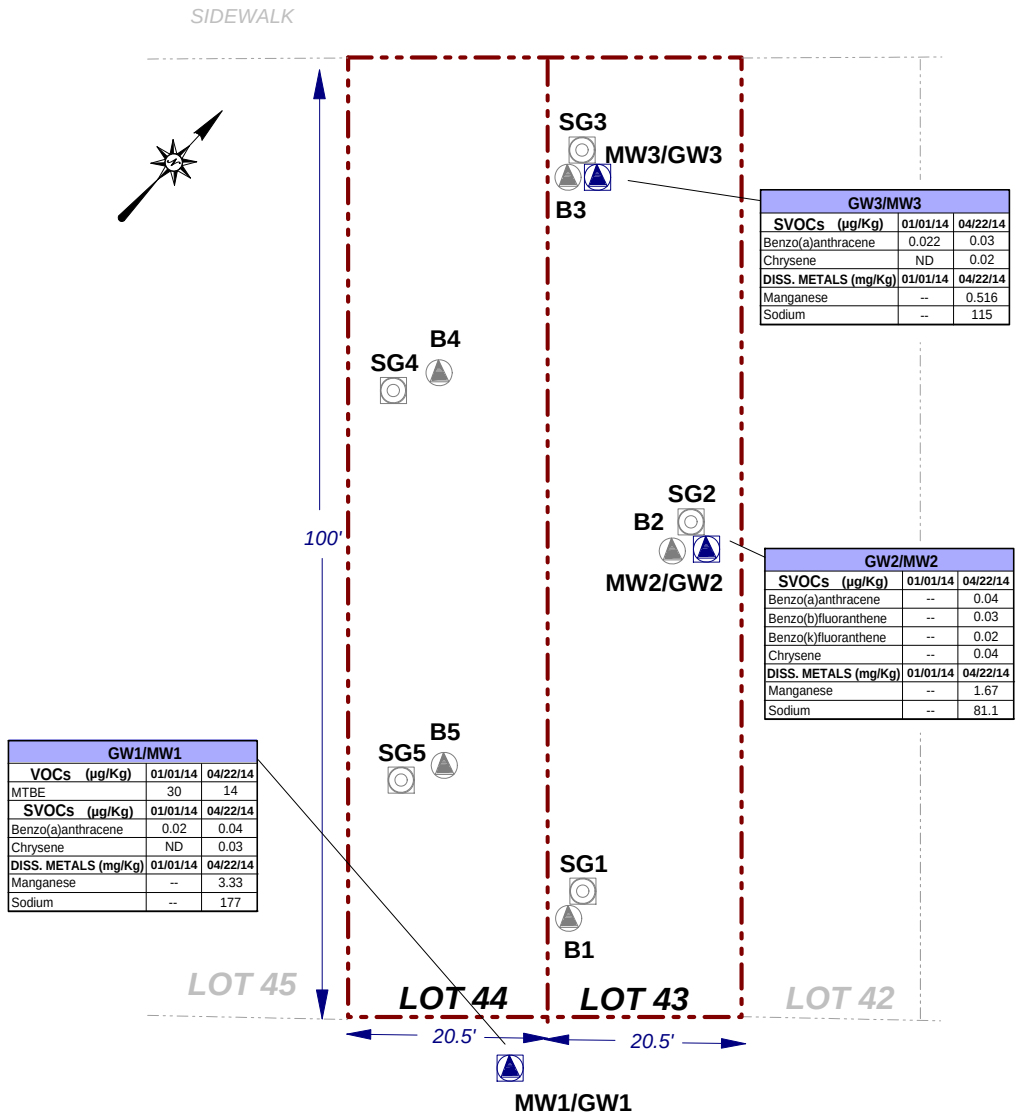
171-173 Bayard Street
BROOKLYN, NY

FIGURE 6 Soil Results Above SCOs



GW3/MW3		
SVOCs (µg/Kg)	01/01/14	04/22/14
Benzo(a)anthracene	0.022	0.03
Chrysene	ND	0.02
DISS. METALS (mg/Kg)	01/01/14	04/22/14
Manganese	--	0.516
Sodium	--	115

GW2/MW2		
SVOCs (µg/Kg)	01/01/14	04/22/14
Benzo(a)anthracene	--	0.04
Benzo(b)fluoranthene	--	0.03
Benzo(k)fluoranthene	--	0.02
Chrysene	--	0.04
DISS. METALS (mg/Kg)	01/01/14	04/22/14
Manganese	--	1.67
Sodium	--	81.1

GW1/MW1		
VOCs (µg/Kg)	01/01/14	04/22/14
MTBE	30	14
SVOCs (µg/Kg)	01/01/14	04/22/14
Benzo(a)anthracene	0.02	0.04
Chrysene	ND	0.03
DISS. METALS (mg/Kg)	01/01/14	04/22/14
Manganese	--	3.33
Sodium	--	177

KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Sampling Location
- Soil Gas Sampling Location
- -- Compound Not Analyzed

SCALE:

0 10 20

1 Inch = 20 feet

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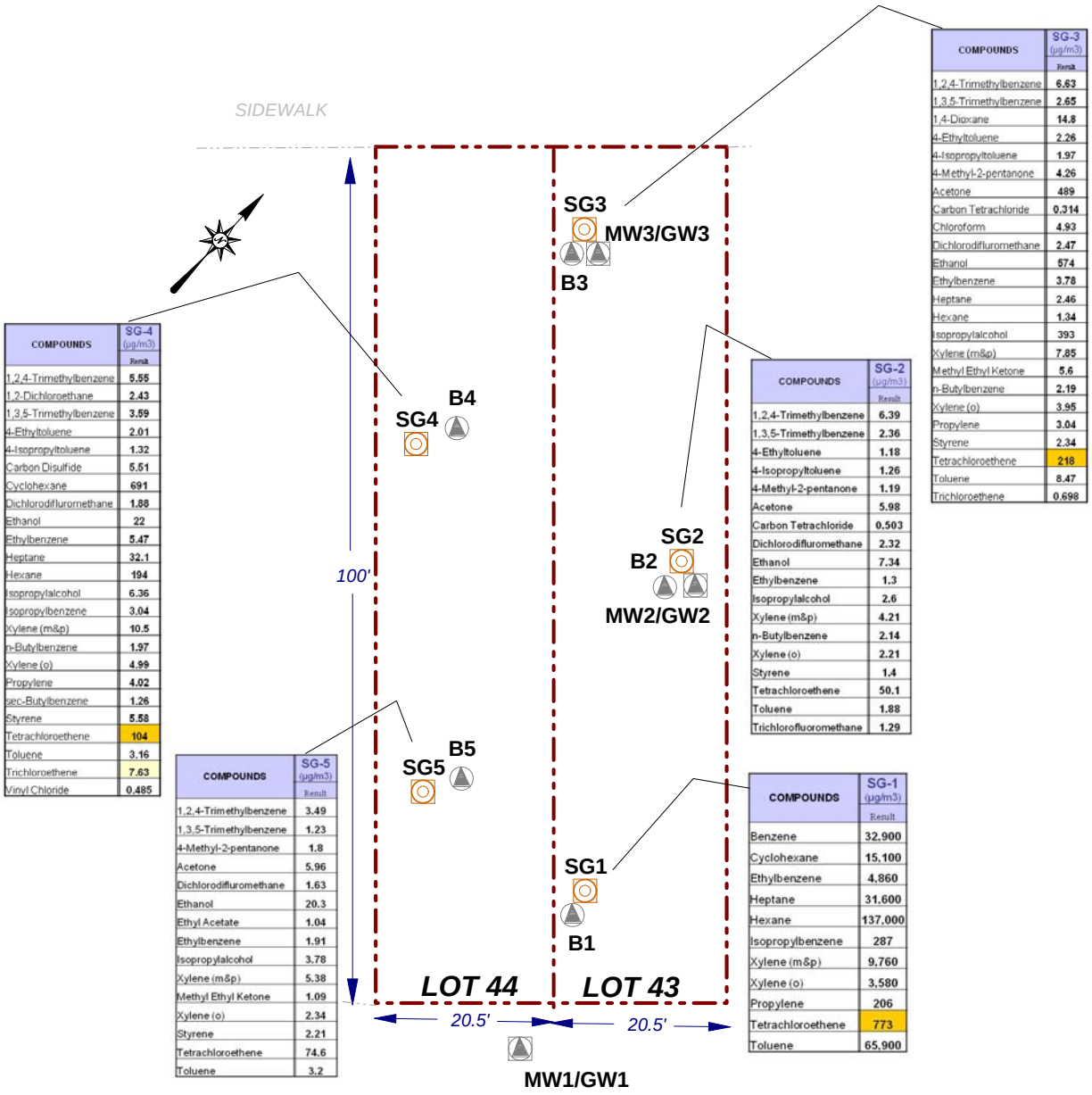
171-173 Bayard Street
BROOKLYN, NY

FIGURE 7 Groundwater Results Above GQS



COMPOUNDS	SG-4 (µg/m3) Result
1,2,4-Trimethylbenzene	5.55
1,2-Dichloroethane	2.43
1,3,5-Trimethylbenzene	3.59
4-Ethyltoluene	2.01
4-Isopropyltoluene	1.32
Carbon Disulfide	5.51
Cyclohexane	691
Dichlorodifluromethane	1.88
Ethanol	22
Ethylbenzene	5.47
Heptane	32.1
Hexane	194
Isopropylalcohol	6.36
Isopropylbenzene	3.04
Xylene (m&p)	10.5
n-Butylbenzene	1.97
Xylene (o)	4.99
Propylene	4.02
sec-Butylbenzene	1.26
Styrene	5.58
Tetrachloroethene	104
Toluene	3.16
Trichloroethene	7.63
Vinyl Chloride	0.485

COMPOUNDS	SG-3 (µg/m3) Result
1,2,4-Trimethylbenzene	6.63
1,3,5-Trimethylbenzene	2.65
1,4-Dioxane	14.8
4-Ethyltoluene	2.26
4-Isopropyltoluene	1.97
4-Methyl-2-pentanone	4.26
Acetone	489
Carbon Tetrachloride	0.314
Chloroform	4.93
Dichlorodifluromethane	2.47
Ethanol	574
Ethylbenzene	3.78
Heptane	2.46
Hexane	1.34
Isopropylalcohol	393
Xylene (m&p)	7.85
Methyl Ethyl Ketone	5.6
n-Butylbenzene	2.19
Xylene (o)	3.95
Propylene	3.04
Styrene	2.34
Tetrachloroethene	218
Toluene	8.47
Trichloroethene	0.698

COMPOUNDS	SG-2 (µg/m3) Result
1,2,4-Trimethylbenzene	6.39
1,3,5-Trimethylbenzene	2.36
4-Ethyltoluene	1.18
4-Isopropyltoluene	1.26
4-Methyl-2-pentanone	1.19
Acetone	5.98
Carbon Tetrachloride	0.503
Dichlorodifluromethane	2.32
Ethanol	7.34
Ethylbenzene	1.3
Isopropylalcohol	2.6
Xylene (m&p)	4.21
n-Butylbenzene	2.14
Xylene (o)	2.21
Styrene	1.4
Tetrachloroethene	50.1
Toluene	1.88
Trichlorofluoromethane	1.29

COMPOUNDS	SG-5 (µg/m3) Result
1,2,4-Trimethylbenzene	3.49
1,3,5-Trimethylbenzene	1.23
4-Methyl-2-pentanone	1.8
Acetone	5.96
Dichlorodifluromethane	1.63
Ethanol	20.3
Ethyl Acetate	1.04
Ethylbenzene	1.91
Isopropylalcohol	3.78
Xylene (m&p)	5.38
Methyl Ethyl Ketone	1.09
Xylene (o)	2.34
Styrene	2.21
Tetrachloroethene	74.6
Toluene	3.2

COMPOUNDS	SG-1 (µg/m3) Result
Benzene	32,900
Cyclohexane	15,100
Ethylbenzene	4,860
Heptane	31,600
Hexane	137,000
Isopropylbenzene	287
Xylene (m&p)	9,760
Xylene (o)	3,580
Propylene	206
Tetrachloroethene	773
Toluene	65,900

KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Sampling Location
- Soil Gas Sampling Location
- Concentration Detected Above NYSDOH Soil Vapor/Indoor Air Matrix 2, requires at minimum monitoring
- Concentration Detected Above NYSDOH Soil Vapor/Indoor Air Matrix 1, requires at minimum monitoring

SCALE:

0 10 20

1 Inch = 20 feet

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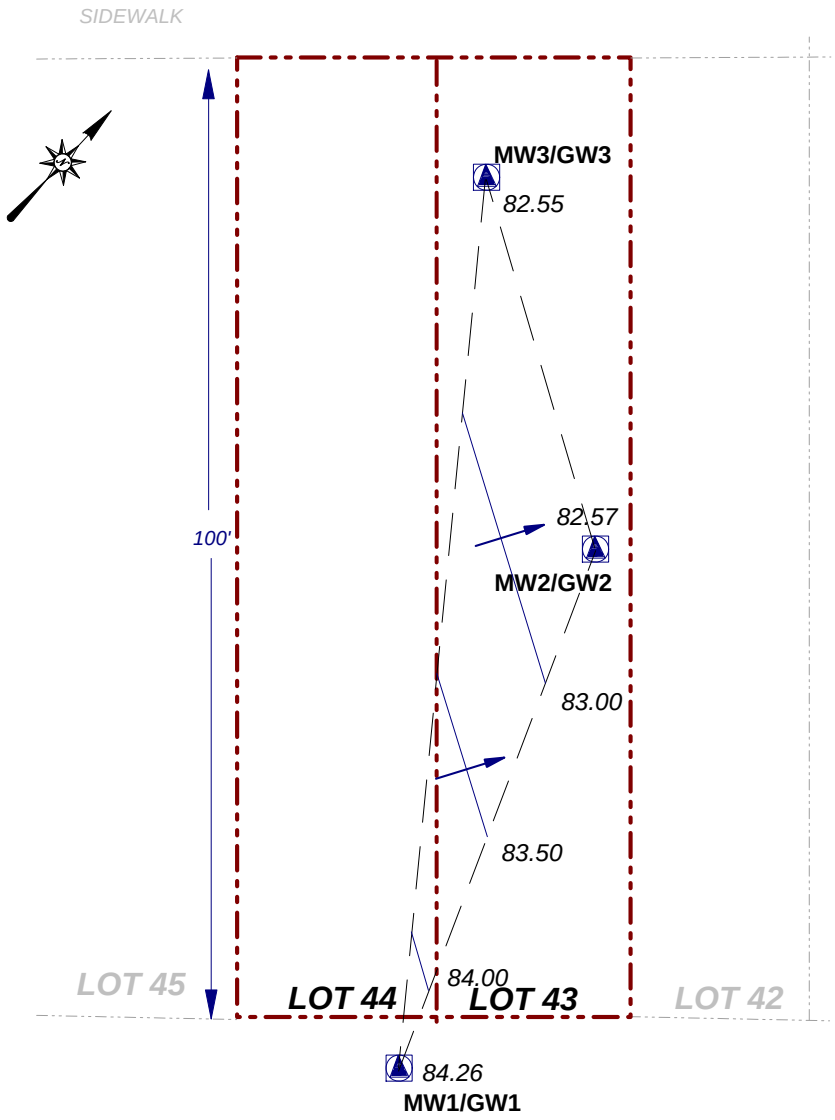
171-173 Bayard Street
BROOKLYN, NY

FIGURE 8 Soil Gas Detections



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171-173 BAYARD STREET
BROOKLYN, NY

FIGURE 9 Groundwater Contour Map

ATTACHMENT A
PHASE I REPORT

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

December 18, 2013

EBC Project No: MGR 1302

171-173 Bayard Street
Brooklyn, NY 11222
Block 2720, Lot Nos. 43 & 44

Prepared for:

Mendel Gold Realty

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
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EXECUTIVE SUMMARY

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of the Mendel Gold Realty: 171-173 Bayard Street, Brooklyn, NY, 11222. The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

The Site consists of two adjacent tax parcels located on the north side of Bayard Street, in the Greenpoint section of the Borough of Brooklyn, City of New York, Kings County, New York. The Site is identified by the street address of 171-173 Bayard Street, and as Block 2720 – Lot Nos. 43 and 44 on the New York City (NYC) tax map. Each lot is rectangular with 20.5 feet of frontage on Bayard Street and 100 feet deep for total area of 4,100 square feet (s.f.).

In 1887 the Site (171-173 Bayard Street) was developed with small building 1-story building labeled carpenter. After 1887 the Site was separated into two tax parcels Lot 44 (171 Bayard Street) and Lot 43 (173 Bayard Street).

171 Bayard Street

From 1905 to approximately 1927, the Site was unoccupied and undeveloped. Around 1927 a portion of the Site, Lot 44, was developed with a 1-story building and used as a private garage. This building is consistent with the current building layout on 171 Bayard Street. The building was occupied by various tenants including a coal & oil company, wood workshop, syrup manufacturer/distributor, technology company, iron works, contracting company, window & door manufacturer, and most recently an art studio.

173 Bayard Street

This lot was developed with a small 1-story garage sometime between 1916 and 1935. The garage was demolished and a larger 1-story garage was developed by 1951. Between 1951 and 1959 a new 1-story garage was developed that occupied the entire Lot. This building is consistent with the current building layout on 173 Bayard Street. The building was only noted as a warehouse in 2000 and a glass manufacturer/distributor (Dual Glass) in 2008.

RECOGNIZED ENVIROMENTAL CONDITIONS

Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, *this assessment has revealed two (2) recognized environmental condition in connection with the Site and is further discussed below:*

- **The Historical Use of the Site as a refrigerator manufacturer.**
  According to a Certificate of Occupancy, Sanborn Maps, and city directory listings, the Site was occupied by a refrigerator manufacturer from 1959 to at most 1965. The name of the company is unknown due to a gap in the provided City Directory Listing, but a Certificate of Occupancy from 1959 notes the use of the property as a refrigerator manufacturer. Based on these findings the use of the Site as a refrigerator manufacturer represents an REC.

Reason for inclusion: Refrigerator manufacturers, especially those in operation prior to the 1979's use PCB capacitors, mercury containing components (switches and relays), refrigerants, oils, and other volatile organic compounds as part of the manufacturing process.

- **Suspect Gasoline Underground Storage Tank from 1958 at the Site.**
  According to a 1959 Certificate of Occupancy, the NYC Fire Department approved a permit for a gasoline storage tank in September of 1958. The tank is described to only be used for fueling of the owner's trucks. In addition, the site inspection identified the presence of a vent on the roof of the building occupying the Site, indicative of a UST. As no information regarding the capacity of the suspect UST(s), their status, integrity and/or soil conditions in their vicinity was available for review, there is a potential for spills or releases from the USTs to have impacted the subsurface.

Reason for inclusion: Underground storage tanks can leak at fittings, through internal or external corrosion and during refilling. An underground fuel oil tank poses a material threat of a petroleum release to subsurface soil and groundwater.

In addition, the property was assigned an E-designation for Hazmat during the Greenpoint-Williamsburg Rezoning action completed by the City in October 2005.

An E-designation does not interfere with the present use of the Site; however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. Such release may require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property. Additional information regarding "E" sites can be found on the New York City Office of Environmental Remediation website:

http://www.nyc.gov/html/oer/html/e_designation/e_designation.shtml.

1.0 INTRODUCTION

1.1 Purpose

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of the Mendel Gold Realty: 171-173 Bayard Street, Brooklyn, NY, 11222 (**Figure 1**). The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

1.2 Scope of Services

The assessment consisted of a visual inspection of the site and surrounding areas, interviews, a review of historical information and maps, and a review of pertinent local, state, federal and facility records. Environmental Data Resources (EDR) of Southport, Connecticut, provided the following information: a computerized database search of environmental compliance records of sites within an ASTM standard radius of the property, a Sanborn fire insurance map search, and a historical telephone directory search.

EBC reviewed the environmental database report compiled by EDR as a part of the assessment. The purpose of the review was to identify reported listings for the Site or other properties in the site vicinity. Databases reviewed included federal and state lists of known or suspected contaminated sites, lists of known handlers or generators of hazardous waste, lists of known waste disposal facilities, and lists of aboveground and underground storage tanks (ASTs and USTs). EBC's review of the database has been incorporated into this report along with a copy of the EDR report.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

1.3 Significant Assumptions

EBC has made the following assumptions in the preparation of this report:

1. Groundwater – The depth to groundwater at the Site is approximately 9 feet below grade surface (bgs). Groundwater is expected to flow to the northwest, consistent with the regional trend.
2. Regulatory Records Information – EBC assumes that all information provided by EDR regarding the regulatory status of facilities within the ASTM Standard approximate minimum search distance is complete, accurate and current.
3. Other - EBC assumes that all information provided through interviews is complete and unbiased.

1.4 Limitations and Exceptions

The conclusions presented in this report are professional opinions based on the data described in this report. These opinions have been arrived at in accordance with currently accepted engineering and hydrogeologic standards and practices applicable to this location, and are subject to the following inherent limitations:

1. The data presented in this report are from visual inspections, examination of records in the public domain, and interviews with individuals having information about the site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration of the site, analysis of data, and re-evaluation of the findings, observations, and conclusions presented in this report.
2. The data reported and the findings, observations, and conclusions expressed are limited by the scope of work. The scope of work was defined by the request of the client.
3. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported, findings, observations, or conclusions. These are based solely upon site conditions in existence at the time of the investigation, and other information obtained and reviewed by EBC.
4. EBC's Phase I ESA report presents professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, or

regulations, or policies of federal, state, or local government agencies. EBC does not assume liability for financial or other losses or subsequent damage caused by or related to any use of this document.

5. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the site and should not be interpreted as such.
6. This report is based, in part, on information supplied to EBC by third-party sources. While efforts have been made to substantiate this third-party information, EBC cannot attest to the completeness or accuracy of information provided by others.

1.5 Special Terms and Conditions

Authorization to perform this assessment was given by a proposal for services between Mendel Gold Realty and EBC.

1.6 User Reliance

This report was prepared for the exclusive use of the Mendel Gold Realty; no other party may use the report without the written authority of EBC.

2.0 PROPERTY DESCRIPTION AND PHYSICAL SETTING

2.1 Location and Legal Description

The Site consists of two adjacent tax parcels located on the north side of Bayard Street, in the Greenpoint section of the Borough of Brooklyn, City of New York, Kings County, New York. The Site is identified by the street address of 171-173 Bayard Street, and as Block 2720 – Lot Nos. 43 and 44 on the New York City (NYC) tax map. Each lot is rectangular with 20.5 feet of frontage on Bayard Street and 100 feet deep for total area of 4,100 square feet (s.f.).

According to the most recent deeds, obtained from the New York City Registrar, and dated September 23, 2002, the current owner of the Site is Tracy Underweiser. A copy of the deed is attached in **Appendix B**.

2.2 Site Characteristics

The Site is currently developed with two 1-story masonry buildings. Site topography is generally level. Frontage of the buildings is along Bayard street and access is provided by two protective steel rollup gates and a standard door. Access was not provided to 171 Bayard Street, but 173 Bayard Street was renovated into an apartment.

Photographs taken during of the Site during the site inspection are attached in **Appendix A**.

2.2.1 Utilities

As the Site is currently developed, electric service for the building is provided by Con-Edison, potable water is supplied by the New York City Department of Environmental Protection (NYCDEP). Sanitary wastes for the building are discharged to the New York City municipal sewer system.

2.3 Physical Setting

The topography of the site and surrounding area was reviewed from the United States Geological Survey (USGS) 7.5-minute series topographic map for the Brooklyn, New York (NY) Quadrangle (Figure 3), which indicates that the Site has a topographic elevation of approximately 19 feet above mean sea level (amsl). The Site is relatively flat with no notable elevation changes.

2.3.1 Surface Water

The east river is located approximately 0.75 miles to the west and northwest, The English Kills is located approximately 0.75 miles to the southeast, and Newton Creek is located approximately 0.75 miles to the east and northeast from the Site.

2.3.2 Soils

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. Soil maps, based on the State Soil Geographic (STATSGO) Database, are compiled by generalizing more detailed Soil Survey Geographic (SSURGO) database maps.

According to the STATSGO data, the soil component in the vicinity of the Site is identified as Urban Land and is described as having a variable surface texture. The STATSGO database states that additional subordinant soil types may be present in the general vicinity of the Site. These soil types are described as mainly loamy sand and silt loam. Deeper soil types consist of very gravelly, loamy sand, unweathered bedrock and stratified sandy loam.

Additional information regarding the soil classification is also included in on Page A-4 of the Environmental Data Resources, Inc. (EDR) database report (Appendix E).

2.3.3 Groundwater

Estimated groundwater levels and flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or de-watering operations. Generally, groundwater flow typically mimics surface topography and will also tend to flow towards nearby bodies of water. Information contained in the EDR database report, the USGS Water-Table and Potentiometric-Surface Altitudes in the Upper Glacial, Magothy and Lloyd Aquifers Beneath Long Island, March-April 2006 (**Figure 5**), the USGS web site and topographic map were used to estimate groundwater depth and flow direction.

Based upon a surface elevation of 19 feet amsl, the depth to groundwater in the vicinity of the Site is approximately 9 feet below grade surface (bgs). Groundwater is expected to flow to the northwest consistent with the regional trend.

2.3.4 Radon Risk

Radon is a colorless, radioactive, inert gas formed by the decay of radium and may be present in soils and rocks containing granite, shale, phosphate and pitchblende. The USEPA's Map of Radon Zones for New York State, September 1993, indicates that the Brooklyn area is not a radon risk area. The EDR report provides information from the New York State Department of Health (NYSDOH) radon survey which indicates that 51 radon tests have been conducted in Kings County. Test results indicate average radon concentrations of 0.750 pCi/L (first floor level) and 1.370 pCi/L (basements). Based on these data, radon does not likely represent an environmental concern.

3.0 PROPERTY USAGE

3.1 Current Property Usage

The Site is currently developed with two 1-story masonry buildings. Site topography is generally level. Frontage of the buildings is along Bayard Street and access is provided by two protective steel rollup gates and a standard door. Access was not provided to 171 Bayard Street, but 173 Bayard Street was renovated into an apartment. The last known tenant of 171 Bayard Street is Parnters & Others, a creative art studio.

A review of New York City Department of Buildings (NYCDOB) records and the NYC Department of City Planning Zoning map indicates that the Site is zoned R6B residential (**Figure 5**), and has been since at least 2005.

3.2 Current Usage of Adjoining/Surrounding Properties

A summary of the uses of the surrounding/adjacent properties is described below. Photos of the exterior of adjacent properties are attached in **Appendix A**.

Surrounding Property Usage

Direction	Property Description
North	Residential buildings
South	Residential building, Construction Site/New Residential Building
East	Residential Building
West	Residential Building

3.3 Historical Usage of Site and Surrounding Properties

Historical sources researched to determine past usage of the Site and surrounding properties are as follows:

Sanborn Fire Insurance Maps - Sanborn fire insurance maps for the Site and surrounding area were reviewed for the years 1887, 1905, 1916, 1942, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983 1986, 1987, 1988, 1989, 1991, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006 and 2007. The review is summarized in Section 3.3.1. Copies of Sanborn maps are included as **Appendix C**.

City Directory Abstract - A directory of historical telephone listings at the Site and surrounding properties were reviewed from approximately five year intervals for the years 1928 through 20012.

The review is summarized in Sections 3.3.2 below. A copy of the City Directory is included in **Appendix D**.

3.3.1 Sanborn Fire Insurance Maps - Site and Adjacent Properties

The historical usage of the Site and adjacent properties, identified through Sanborn map review, is summarized below:

1887

Subject Site:

The Site is depicted as one lot and developed with a small carpenter.

Adjacent properties:

The property adjacent to the North is vacant and undeveloped. Bayard Street borders the site to the south, beyond which is developed with 3-story residential buildings. The property adjacent to the east is developed with a 3-story dwelling and small stable in the rear yard. The property adjacent to the west is developed with a 3-story dwelling.

1905

Subject Site:

The Site has been divided into the two lots consistent with the current Site layout.

Adjacent properties:

The properties adjacent to the north were developed with 3-story dwellings. The property adjacent to the west changed to a mixed use building, commercial on the first floor and residential on the upper floors. The properties adjacent to the east and south remain consistent with the previous Sanborn Map.

1916

Subject Site:

The Site remains consistent with the 1905 Sanborn map.

Adjacent properties:

The property adjacent to the west is depicted as a residential building again. The adjacent properties to the north, south, and east are consistent with the previous Sanborn Map

. 1942

Subject Site:

A portion of the Site (171 Bayard Street) is developed with a 1-story building occupying the entire lot. The building is labeled as a private garage with an office at the front of the building. A small 1-story garage was developed on front of 173 Bayard Street.

Adjacent properties:

The properties adjacent to the Site remain consistent with the previous Sanborn map.

1951

Subject Site:

The previous 1-story garage at the front of 173 Bayard is no longer present, but a new larger 1-story garage is developed at the rear of the Lot.

Adjacent properties:

The properties adjacent to the Site remain consistent with the previous Sanborn map.

1965

Subject Site:

The building occupying 171 Bayard Street is labeled as manufacturing. A portion of the Site, 173 Bayard Street, is redeveloped with a 1-story garage occupying the entire Lot. The rear portion of the building is labeled as Storage.

Adjacent properties:

The properties adjacent to north and west remained consistent with the previous Sanborn map. A new street, McGuinness Boulevard, was developed to the east. The new street cut through the eastern portion of Block 2720 and the Block to the south, 2726. No changes were made to the adjacent property to the east, but some of the adjacent properties to the south are undeveloped and vacant.

1978-1980

Subject Site:

The Site remains consistent with the 1965 Sanborn map.

Adjacent properties:

The properties adjacent to the Site remain consistent with the previous Sanborn map.

1981-1982

The Sanborn Maps provided for the years 1981 and 1982 are illegible; therefore no usage or descriptions of properties could be determined.

1983-2007

Subject Site:

The Site remains consistent with the 1980 Sanborn map.

Adjacent properties:

The properties adjacent to the Site remain consistent with the 1980 Sanborn map.

3.3.2 City Directory Listings

EDR conducted a search and provided copies of available historical city directory listings for the subject and adjacent properties. The historical city directory listings (**Appendix D**) were reviewed, to identify information regarding past uses of the subject and surrounding properties to determine if historical usage represented a REC to the subject property.

Historical city directory information is summarized as follows:

Date	Property Information
1934	**Subject Property:** Address not listed in research source **Adjacent Properties:** Residential Listing (169,170,172,174,175,176,178)
1940	**Subject Property:** Benit Louis coal (171), Super Coal & Oil (171) **Adjacent Properties:** Residential Listing (175)
1945	**Subject Property:** Super Coal & Oil (171) **Adjacent Properties:** Address not listed in research source
1949	**Subject Property:** Oswald Anton wdwk (171) **Adjacent Properties:** Residential Listing (169,175)
1960	**Subject Property:** Subject Site not listed in research source **Adjacent Properties:** Residential Listing (169)
1965	**Subject Property:** Pure Maid Syrup Corp (171), Deutsch M flavrg extrcts (171) **Adjacent Properties** Residential Listing (169)
1970	**Subject Property:** Commercial Syrup Inc (171), Pure Maid Syrup Corp (171) **Adjacent Properties** Residential Listing (169)
1973	**Subject Property:** Commercial Syrup Inc (171), Pure Maid Syrup Corp (171), Deutsch M flavrg extrcts (171) **Adjacent Properties:** Residential Listing (169,172,175),
1976	**Subject Property:** Commercial Syrup Inc (171) **Adjacent Properties:** Residential Listing (169)
1985	**Subject Property:** Commercial Syrup Inc (171) **Adjacent Properties:** Residential Listing (169)
1992	**Subject Property:** Inova Technologies Inc (171) **Adjacent Properties:** Residential Listing (169)
1997	**Subject Property:** Trust Gale & Iron Works Inc (171) **Adjacent Properties:** Residential Listing (169,176), Super Fuel Div Corp (172), J Warehouse (175)
2000	**Subject Property:** Trust GT & Iron Inc (171), J Warehouse (173) **Adjacent Properties:** Residential Listing (169,174,176), Super Fuel Div Corp (172)
2005	**Subject Property:** Accurate Contracting Corp(171), Residential Listing (173) **Adjacent Properties:** Residential Listing (169,176)
2008	**Subject Property:** Dual tilt window & door MFG (171), Dual Glass (173) **Adjacent Properties:** Address not listed in research source
2013	**Subject Property** Partners & Others (171), **Adjacent Properties:** Super Fuel Div Corp (172), Residential Listing (175)

Information regarding additional surrounding properties identified on the City Directory search is included with the search in **Appendix D**. The city directory indicated that the 171 Bayard Street was occupied by Benit Louis Coal/Super Coal and Oil from 1940 to 1945. By 1949, the building was listed as word workshop and changed to a syrup manufacturer by 1965. 171 Bayard remained a syrup manufacturer until an unknown technology company named Inova Technologies, Inc took over in 1992. A iron works company (Trust Gale & Iron Works, Inc) operated out of the 171 Bayard Street from at least 1997 to 2000. Since then a contracting company, window and door manufacturer, and creative art studio named “Partners & Others” have operated out of the Site. The only listings for 173

Bayard Street are a Warehouse in 2000, a residential listing in 2005, and another glass manufacturer (Dual Glass) in 2008.

3.3 Site History Summary

EBC was able to establish a history for the property dating back to 1887.

In 1887 the Site (171-173 Bayard Street) was developed with small building 1-story building labeled carpenter. After 1887 the Site was separated into two tax parcels Lot 44 (171 Bayard Street) and Lot 43 (173 Bayard Street).

171 Bayard Street

From 1905 to approximately 1927, the Site was unoccupied and undeveloped. Around 1927 a portion of the Site, Lot 44, was developed with a 1-story building and used as a private garage. This building is consistent with the current building layout on 171 Bayard Street. The building was occupied by various tenants including a coal & oil company, wood workshop, syrup manufacturer/distributor, technology company, iron works, contracting company, window & door manufacturer, and most recently an art studio.

173 Bayard Street

This lot was developed with a small 1-story garage sometime between 1916 and 1935. The garage was demolished and a larger 1-story garage was developed by 1951. Between 1951 and 1965 a new 1-story garage was developed that occupied the entire Lot. This building is consistent with the current building layout on 173 Bayard Street. The building was only noted as a warehouse in 2000 and a glass manufacturer/distributor (Dual Glass) in 2008.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

As of the date of this report the user has not requested that EBC perform a title search.

4.2 Environmental Liens

An environmental lien is a charge, security or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup or other remediation of hazardous substances or petroleum products upon a property, including, but not limited to, liens imposed pursuant to CERCLA 42 USC § 9607 (1) & 9607(r) and similar state and local laws.

The user has not made EBC aware of any environmental liens against the Site and has not requested that EBC perform an environmental lien search for the Site.

4.3 Specialized Knowledge

The user has not made EBC aware of any specialized knowledge regarding the chemicals or processes formerly in use at the Site or surrounding property.

4.4 Commonly Known or Reasonably Ascertainable Information

The user has not made EBC aware of any commonly known or reasonably ascertainable information regarding the past uses of the Site, specific chemicals in use at the Site or any spills, chemical releases or environmental cleanups at the Site.

4.5 Valuation Reduction for Environmental Issues

The user has not made EBC aware of any valuation reduction regarding the sale price of the property.

4.6 Owner, Property Manager and Occupant Information

According to New York City Department of Finance records, the current owner of the site is identified as Tracy Underseiser.

4.7 Reason for Performing Phase I ESA

The Phase I ESA was performed to identify recognized environmental conditions at the Site as part of the due diligence to support the acquisition of the property by Mendel Gold Realty.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

Environmental Data Resources (EDR) of Southport, Connecticut was retained to provide a computerized database search of the project area within an ASTM-standard radius of the Site. A list of the databases searched and the search radius is shown on the summary table below. EBC reviewed the database output to determine if the property appears on any of the regulatory agency lists. Detailed information concerning each database list is provided in the EDR report (**Appendix E**). A summary of standard environmental record sources researched is as follows:

5.1.1 Federal Databases

The table below summarizes the Federal databases that were searched.

Federal Databases Searched

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
USEPA	National Priority List	NPL	1.0 mile
USEPA	National Priority List Deletions	Delisted NPL	1.0 mile
USEPA	Comprehensive Environmental Response Compensation and Liability Act Registry	CERCLIS	0.5 mile
USEPA	CERCLIS No Further Remedial Action Planned	CERCLIS-NFRAP	0.5 mile
USEPA	Resource Conservation and Recovery Act Corrective Action Activity	CORRACTS	1.0 mile
USEPA	Resource Conservation and Recovery Act Treatment/Storage/Disposal Facilities	RCRA TSD	0.5 mile
USEPA	Resource Conservation and Recovery Act Small/Large Quantity Hazardous Waste Generators	RCRA SQG/LQG	Site and Adjoining
USEPA	Federal Institutional/Engineering Control registries	US INST/ENG Controls	Site
USEPA	Emergency Response Notification System	ERNS	Site
USEPA	Superfund (CERCLA) Consent Decrees	CONSENT	1.0 mile
USEPA	Records of Decision	ROD	1.0 mile
USEPA	Mines Master Index	MINES	0.25 mile

Federal NPL List - The National Priority List (NPL) is the United States Environmental Protection Agency (USEPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the federal Superfund Program.

Findings: The Site is not listed as an NPL facility. No NPL sites were identified within a 1-mile radius of the Site.

Federal Delisted NPL List – NPL Delisted Sites are former NPL sites that have been remediated and removed from the USEPA's priority list. Sites are deleted where the USEPA has determined that no further response is appropriate.

Findings: The Site is not identified as a Delisted NPL facility. There were no Delisted NPL sites identified within a one-mile radius of the Site.

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

Findings: The Site is not listed as a CERCLIS facility. No CERCLIS site within a half-mile radius of the Site.

Federal CERCLIS-NFRAP List – No Further Remedial Action Planned (NFRAP) sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of USEPA's knowledge, assessment at a site has been completed and that USEPA has determined no further steps will be taken to list this site on the National Priorities List (NPL).

Findings: The Site is not listed as a CERCLIS-NFRAP facility. One (1) CERCLIS-NFRAP site was identified within a one mile radius of the Site. This site is located within 1/4 mile of the Site and is further discussed below:

- City Barrel & Drum Co Inc at 421 Meeker Avenue is located 394 feet to the south (hydraulically cross gradient) of the Site. According to the database, this is an archive site. This site was listed in the Eckhardt subcommittee report as a disposal site. After an investigation by NYSDEC Regional Offices it was found that this is an industrial operation to recycle, recover, and refurbish drums and that no apparent disposals of hazardous or toxic waste have occurred here. The property was declared as an archived site on

September 02, 1987. Based on the relative distance and current status (no apparent disposal), this property is not considered to be a significant environmental concern.

Federal RCRA CORRACTS List - The RCRA Corrective Actions (CORRACTS) database is the USEPA's list of hazardous waste treatment, storage or disposal facilities subject to corrective action under RCRA.

Findings: The Site is not listed as a RCRA CORRACTS facility. One (1) RCRA CORRACTS site was identified within a one mile radius of the Site.

- Review Avenue Development II at 37-80 Review Avenue in Long Island City is located 4,838 feet to the northeast of the Site. This site is also listed in the RCRA-SQG, FINDS, NY SHWS, NY MANIFEST, PA MANIFEST, NY BROWNFIELDS, NYMOSF, 2020 COR ACTION databases. Based on the relative distance (nearly one mile) and location on the opposite side of Newton Creek, this property is not considered to be a significant environmental concern.

Federal RCRA Treatment, Storage and Disposal Facilities - The USEPA Resource Conservation and Recovery Act (RCRA) program identifies reporting facilities that treat, store or dispose of hazardous waste.

Findings: The Site is not listed as a RCRA TSDF and no TSDFs were identified within a ½ mile radius of the Site.

Federal RCRA Generators - The RCRA Generators database is a compilation of reporting facilities that generate hazardous waste. A LQG is a site which generates more than 1,000 kilograms (kg) of hazardous waste during any one calendar month and can store waste on-site for up to 90 days. A SQG is a site which generates more than 100 and less than 1,000 kg of hazardous waste during any one calendar month and accumulates less than 6,000 kg of hazardous waste at any time; or a site which generates less than 100 kg of hazardous waste during any one calendar month and accumulates less than 1,000 kg of hazardous waste at any time. A CESQG is a site which generates less than 100 kg of hazardous waste or less than one kg of acutely hazardous waste during any one calendar month. A

NonGen site is a former registered/regulated generator which does not presently generate hazardous waste.

Findings: The Site is not listed as a RCRA-LQG, RCRA-SQG, RCRA-NonGen facility or RCRA-CESQG. Four (4) RCRA-LQG, five (5) RCRA-CESQG and ten (10) RCRA NonGen facilities were identified within a 1/4 mile radius of the Site. None of these sites are located adjacent to the Site. According to the EDR database, no violations are listed or corrective action has been taken for any of these sites. Based on this information, these sites are not expected to represent a significant environmental concern.

Federal Institutional/Engineering Controls – Federal Institutional/Engineering Controls databases list sites with institutional/engineering 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. 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.

Findings: No Federal Institutional/Engineering Controls were listed for the Site and no sites were identified within a ½ mile radius of the Site.

Federal Emergency Response Notification System - The Emergency Response Notification System (ERNS) is national database used collect information on reported releases of oil or hazardous substances.

Findings: Neither Site nor the adjacent properties were identified in the ERNS databases.

Federal Superfund Consent Decrees - The Superfund Consent Decrees (CONSENT) list identifies major legal settlements that establish responsibility and standards for cleanup at NPL sites.

Findings: Neither the Site nor any property within one mile of the Site is identified in the CONSENT databases.

Federal Records of Decision - Record of Decision (ROD) documents mandate a permanent remedy at

an NPL site containing technical and health information to aid in the cleanup.

Findings: Neither the Site nor any property within one mile of the Site is identified a ROD site.

Federal Master Mines Index - The Master Mines Index (MINES) file contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Findings: Neither the Site nor any property within ¼ mile of the Site is listed in the MINES database.

5.1.2 New York State Databases

The table below summarizes the State databases that were searched.

New York State Databases Searched

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
NYSDEC	Inactive Hazardous Waste Disposal Sites in New York State	SHWS	1.0 mile
NYSDEC	Solid Waste Facility Register	SWF	0.5 mile
NYSDEC	Registered Recycling Facilities	SWRCY	0.5 mile
NYSDEC	Registered Waste Tire Storage Facilities	SWTIRE	0.5 mile
NYSDEC	Leaking Underground Storage Tank Sites	LTANKS	0.5 mile
NYSDEC	Petroleum Bulk Storage (PBS)	UST/AST	Site and Adjoining
NYSDEC	Chemical Bulk Storage (CBS)	CBS AST/UST	Site and Adjoining
NYSDEC	Institutional/Engineering Control registries	INST/ENG Controls	Site
NYSDEC	Voluntary Cleanup Agreements	VCP	0.5 mile
NYSDEC	Brownfield sites	Brownfields	0.5 mile
NYSDEC	Major Oil Storage Facilities	MOSF	0.5 mile
NYSDEC	New York State Spills	NYSPILLS	0.125 mile
NYSDEC	Dry Cleaner Site	Drycleaners	0.25 mile

NYS Inactive Hazardous Waste Disposal Sites - The New York State Department of Environmental Conservation (NYSDEC) maintains a state priority list of Inactive Hazardous Waste Disposal Sites (SHWS) considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment. 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/waste sites.

Findings: The Site is not listed as a SHWS site. Four (4) SHWS facilities were identified within a one mile radius of the Site. These sites are further discussed below:

- 95 Lombardy St/ ACME Arch. Prods., Inc at 95 Lombardy Street is located 2,422 feet to the east-northeast (hydraulically down-gradient) of the Site. According to the database, this site represents a significant threat to the public health or environment and action is required. The primary contaminant of concern at this site is trichloroethylene (TCE). TCE has been found in shallow groundwater at concentrations up to 66,000 ppb and and in deep groundwater upto 70,000 ppb. Soil vapor sampling detected concentrations of TCE up to 4,100 µg/m^3. The site poses a significant environmental threat due to ongoing release of PCE from source areas into soil and groundwater Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses (including the Site) are supplied with public water and contaminants are below the ground surface. Based on this information, the relative distance and assumed direction of groundwater flow, this facility is not expected to represent a significant environmental concern.

- ACME Steel Partition Co Inc at 513 Porter Avenue is located 2,870 feet to the east-northeast (hydraulically down-gradient) of the Site. According to the database, this site represents a significant threat to the public health or environment and action is required. The primary contaminants of concern are PCE and TCE. PCE and TCE has been found in groundwater at concentrations up to 6,900 ppb and 12,000ppb, respectively. The site poses a significant environmental threat due to ongoing release of PCE from source areas into soil and groundwater Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses (including the Site) are supplied with public water and contaminants are below the ground surface. Based on this information, the relative distance and assumed direction of groundwater flow, this facility is not expected to represent a significant environmental concern.

- Review Avenue Development II has been described in the above section, RCRA CORRACTS and is not expected to represent a significant environmental concern.

- Nat Grid Green Point Facility at 287 Maspeth Avenue is located 3,773 feet to the east (hydraulically down-gradient) of the Site. According to the database, this site represents a significant threat to the public health or environment and action is required. The facility is located along Newton Creek. The primary contaminants of concern are petroleum based and MGP DNAPL was detected across the property in an early investigation. The site poses a significant environmental threat due to ongoing release of SVOCs and petroleum based VOCs from source areas into soil and groundwater Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses (including the Site) are supplied with public water and contaminants are below the ground surface. Based on this information, the relative distance and assumed direction of groundwater flow, this facility is not expected to represent a significant environmental concern.

NY Vapor Reopened – This is a database listing of previously dismissed/closed sites that are being re-evaluated with current knowledge of the potential for soil vapor intrusion.

Findings: The Site is not listed as a NY VAPOR REOPENED site. One (1) NY VAPOR REOPENED facilities was identified within a one mile radius of the Site. The facility is located 4,838 feet to northeast in Long Island City. Based on the distance and the location of the facility on the opposite side of Newton Creek, this facility is not expected to represent a significant environmental concern.

State Hazardous Waste Disposal Sites – This is a database listing of sites delisted from the registry of inactive hazardous waste disposal sites.

Findings: The Site is not listed as a DEL SHWS site. Four (4) DEL SHWS facilities were identified within a one mile radius of the Site. Three of these sites are located in excess of ½-mile from the Site, based on the relative distance these sites are not expected to represent a significant environmental concern. One of these sites, City Barrel Company, was located within 1/8-mile and is reviewed in the above section, CERCLIS-NFRAP.

Hazardous Substance Waste Disposal Sites - The Hazardous Substance Waste Disposal Sites (HSWDS) list includes any known or suspected hazardous substance waste disposal sites. Also included are sites de-listed from the Registry of Inactive Hazardous Waste Disposal Sites list and non-Registry sites that USEPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Findings: The Site is not listed as on the HSWDS database. One HSWDS site was identified within a half-mile radius of the Site. City Barrel Company, was located within 1/8-mile and is reviewed in the above section, CERCLIS-NFRAP.

NYS Landfill - The NYSDEC Solid Waste Facility Register (NYSWF/LF) records contain an inventory of solid waste disposal facilities or landfills in New York State.

Findings: The Site is not listed as NY SWF/LF site. Two (2) NY SWF/LF facilities were identified within a half mile radius of the Site. Both facilities are listed as inactive and are located greater than 2,500 feet to the northeast (hydraulically down gradient from the site). Based on the relative distance and location of these inactive facilities, they are not expected to represent a significant environmental concern

NYS Registered Recycling Facilities - The Registered Recycling Facilities List (SWRCY) is a NYSDEC list of recycling facilities.

Findings: The Site is not listed as a SWRCY site. No SWRCY sites were identified within a ½ mile radius of the Site.

NYS Registered Waste Tire Storage Facilities - The Registered Recycling Facilities List (SWTIRE) is a NYSDEC list of Registered Waste Tire Storage & Facility List.

Findings: The Site is not listed as a SWTIRE site. There were no SWTIRE sites identified within a ½ mile radius of the Site.

NYS Leaking Underground Storage Tank Sites - The Leaking Underground Storage Tank Sites (LTANKS) database contains a NYSDEC inventory of reported leaking storage tank incidents. 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.

Findings: The Site is not identified as a LTANKS site. However, twenty-four (24) LTANK sites were identified within ½ mile of the Site. All of the LTANK sites have received closure from the NYSDEC. Based on this information, these LTANK sites are not expected to present a significant environmental concern to the Site.

NYS Petroleum Bulk Storage - The NYSDEC Petroleum Bulk Storage - Underground Tanks (UST) database lists facilities with a petroleum storage capacity of more than 1,100 gallons and less than 400,000 gallons. The NYSDEC Petroleum Bulk Storage - Aboveground Tanks (AST) database lists facilities with registered above ground storage tanks.

Findings: The Site is not listed as a UST or a Hist UST site. The Site is not listed as an AST or Hist AST site. Fourteen (14) UST sites, three (3) HIST UST sites, and fourteen (14) AST sites are registered within a ¼ mile radius of the Site. Properties with registered ASTs or USTs do not necessarily pose a hazard unless the tanks are leaking or a spill occurs. Most tanks in the area hold home heating oil for on-site boilers and furnaces. Sites with leaking tanks or spills are addressed in the appropriate section.

NYS Chemical Bulk Storage - The Chemical Bulk Storage (CBS) database is a NYSDEC list of facilities that store regulated hazardous substances in aboveground tanks (AST) with capacities of 185 gallons or greater or underground tanks (UST) of any size.

Findings: The Site is not identified as a CBS facility. Two (2) CBS facilities, no CBS-UST and two (2) CBS-AST sites were identified within a ¼ mile radius of the Site. None of the sites are located adjacent to the Site. Properties with registered ASTs or USTs do not necessarily pose a hazard unless the tanks are leaking or a spill occurs. Sites with leaking tanks or spills are addressed in the appropriate section.

NYS Institutional/Engineering Controls – NYSDEC list of Environmental Remediation sites with Institutional or Engineering Controls in place.

Findings: Neither the Site nor any site within a ½ mile of the Site was identified in the NYSDEC Institutional/Engineering Controls databases.

NYS Voluntary Cleanup Agreements - The NYSDEC Voluntary Cleanup Program (VCP) database identifies hazardous waste sites undergoing private sector cleanup as part of redevelopment.

Findings: The Site was not identified as a VCP site. No VCP sites were identified within a one-half mile radius of the subject property.

NYS Brownfields - 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.

Findings: The Site was not identified as a Brownfield site. One Brownfield site was located within ½ mile of the Site.

- Former Driggs Plywood Corp. at 11 Jackson Street is located 2,385 feet to the southwest (hydrologically cross/down gradient) of the Site. According to information available in the database, the primary contaminants of concern for the site are PAHs and Metals above standards indicative of historic fill in the soil. This site is currently under review. Based on this information and the relative distance, this site is not expected to represent a significant environmental concern.

NYS Major Oil Storage Facilities - The NYSDEC Major Oil Storage Facilities (MOSF) database lists facilities or vessels with a petroleum storage capacity of more than 400,000 gallons.

Findings: The Site was not identified as an MOSF. No MOSF sites were identified within ½ mile of the Site.

NYS Spills - The New York State Spills Information Database (NY SPILLS) contains data collected on chemical and petroleum spill incidents reported to NYSDEC since April 1, 1986.

Findings: The Site is not listed within either the NY SPILLS or NY Hist SPILLS databases. However, Nineteen (19) spill sites were identified within $^{1}/_{8}$ mile of the Site. None of these sites is

located adjacent to the Site. Each of the NYS SPILLS sites has received closure from the NYSDEC. Based on the status, these sites do not represent a significant environmental concern to the Site.

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

Findings: The Site is not listed as a MANIFEST site. However, twenty-three (23) manifest sites were identified within a ¼ mile radius of the Site. These sites are not located adjacent to the Site and information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs.

Drycleaner Sites - The NYSDEC maintains a listing of all registered drycleaners. Drycleaner sites do not necessarily pose a hazard unless a spill occurs. Sites at which spills have been identified are addressed in the appropriate section.

Findings: The Site is not identified as drycleaner. Three (3) Drycleaner sites were identified within ¼ mile of the site. The nearest drycleaner is located 1,299 feet away from the site and the drycleaners detected have had no incidents of spills or releases noted. Therefore it is unlikely that this facility presents a significant environmental risk to the Site, and it is not considered an REC.

NYS Manufactured Gas Plants - Manufactured gas plants (MGP) 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, 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.

Findings: The Site is not identified as an MGP site. Four (4) MGP sites were identified within a one-mile of the Site. These sites are located in excess of ½-mile from the Site. Based on the distance from the Site and assumed direction of groundwater flow these sites are not expected to represent a significant environmental concern.

E Designation - 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) designation also includes a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Findings: The Site is identified as an E Designation site. Thirty-nine (39) E Designation sites were identified within 1/8-mile of the Site. With the exception of two sites, these sites are not located adjacent to the Site and information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs. The Site and adjacent properties are further discussed in detail below:

- The Site (Lots 43 Block 2720 at 173 Bayard Street & Lot 44 Block 2720 at 171 Bayard Street) was identified as an E Designation site and is assigned the E number of E-138, with the description of “underground gasoline storage tank testing protocol”. This designation came into effect on May 11, 2005. Patrick & Rose Laccone was identified as the owner of the Site. No further information was available from the EDR database for review. This listing is further discussed in the following sections.

- The west adjacent property at 169 Bayard Street (hydraulically cross-gradient) was identified as an E Designation site and is assigned the E number of E-138, with the descriptions of “underground storage tank testing protocol”. This designation came into

effect on May 11, 2005. No other releases or violations in connection with this site were identified during the course of this investigation. Based on this information, this listing is not considered a REC.

EDR Historical Auto Stations - EDR has searched selected national collections of business directories and has collected listings of potential gas station/ filling station/ service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/ filling station/ service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station etc.

Findings: The Site was not identified as an EDR Historical Auto Station site. Eighteen (18) sites were identified within ¼ mile of the Site. These sites are not located adjacent to the Site and information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs.

EDR Historical Cleaners - EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash and dry etc.

Findings: The Site was not identified as a EDR Historical Cleaners site. Seven (7) sites were identified within ¼ mile of the Site. These sites are not located adjacent to the Site and information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs.

5.2 Additional Environmental Record Sources

5.2.1 Local Agency Review

Freedom of Information Act (FOIA) requests were sent to the New York City Department of Environmental Protection (NYCDEP), New York City Fire Department, New York City Department of Health (NYCDOH) and the New York City Fire Department (FDNY) for information regarding hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

5.2.2 New York City Department of Finance

The following is a summary of pertinent information obtained from the New York City Department of Finance website:

Tax Lot:	Block 2720 – Lot No. 43
Address:	173 Bayard Street Brooklyn NY
Owner:	Underseiser, Tracy
Lot Size:	20.5 by 100 feet– rectangular
Building Class:	O9 –Office Buildings
Zoning:	R6B (residential)

Tax Lot:	Block 2720 – Lot No. 44
Address:	171 Bayard Street Brooklyn NY
Owner:	Underseiser, Tracy
Lot Size:	20.5 by 100 feet– rectangular
Building Class:	F4 –Factory/Industrial
Zoning:	R6B (residential)

5.2.3 New York City Department of Buildings

The Department of Buildings (DOB) computerized Property Profile Overviews (PPOs) were reviewed. Pertinent information regarding Site is summarized below:

173 Bayard Street (Lot 43):

According to the PPO, seven (7) actions are listed for the Site; alterations (1917), building notice in 1926, newbiulding in 1917, three (3) DOB violations all closed in 2011, an active ECB violation LIEN, and various DOB ECB violations and violations which not related to this investigation. Two (2) jobs are listed for this Site; a withdrawn job was dated in 2010 and is in reference to renovating the interior of a 2-story building from a factory to residential. The second job was filed in 2011 for the same renovation of changing the use from a factory to residential, but on a 1-story building. Two (2) complaints are listed for the site, one has been resolved or closed and one is listed as violation served for an illegal alteration. In addition the Site was identified as an E designation (Hazmat) site within the NYCDOB records.

171 Bayard Street (Lot 44):

According to the PPO, thirteen (13) actions are listed for Lot 44; five alterations were noted from 1903 to 1955, three certificates of occupancy (CO), three new buildings (1908,1909,1927), two DOB Violations dismissed, and a plumbing repair slip.

One (1) job is listed for this Site in reference to installing a new oven and exhaust on the first floor for a taco food products factory in 1991. Another ARA/LAA Job was filed in 2012 to furnish and install a new gas meter bar, gas riser, and a new modine PDP vented through the roof. In addition the Site was identified as an E designation (Hazmat) site within the NYCDOB records.

The COs listed are as follows:

- 1927 – 171 Bayard Street for use as a Private Garage of 5 trucks.
- 1935 – 171 Bayard Street for use as storage.
- 1959 – 171-173 Bayard Street for use as a factory and storage, manufacturing refrigerators. In addition, a fire department approval dated September 8, 1958 is noted for the installation of a gasoline tank used for refueling of the owner's trucks. *The historic use of the site as*

refrigerator manufacturer and the potential of a gasoline storage tank from 1958 are considered recognized environmental conditions.

5.2.4 Historic Zoning Map

A review of the NYC Department of City Planning Zoning Maps for the years 1961 through 2012 indicates that the Site has been zoned manufacturing and residential R6B from 2005 to 2012 with the special E-138 designation showing up in the 2009 zoning maps. From approximately 1961 to 2005 the Site was zoned as manufacturing M1-1 and R6(M1-1). A copy of the December 1961 zoning map is included as **Figure 5B**.

5.2.5 Activity and Use Limitations

A search was conducted for Activity and Use Limitations (AULs) associated with the subject properties, more specifically Institutional Controls (ICs) and/or Engineering Controls (ECs), which have been placed upon the property as a result of environmental issue identified at the property. In the City of New York, information on such AULs is maintained by the City of New York Department of City Planning (NYCDCP) and is commonly depicted on zoning maps with an "E" designation, as well as maintained within Chain of Title Records. For a site to be designated with an "E" restriction, several criteria must be met. First, a property must be included within a designated re-zoning area, then the property must be identified as a "Potential" or "Projected" re-development property, and finally, the site must be listed on one or more environmental regulatory databases as listed in the ASTM standard, be adjacent to such a site, and/or have historical usage associated with hazardous materials with the potential to impact human health and/or the environment should a release have occurred. Sites with an "E" designation require additional investigation and/or remediation be performed in order to determine if the historical use of a property, typically manufacturing or chemical usage, have impacted the site. No change of use or development requiring a building permit will be issued for an "E" designated site without approval from the NYCOER.

The search for environmental liens and AULs also included a review of information available from the New York City Department of Finance, New York City DOB, the EDR database report, City of New York Environmental Quality Review Requirement Declarations, City of New York Zoning maps, and the NYCDCP and NYCOER websites. The Site was identified as a Hazmat / designated site (E-138)

with the description of (Underground Gasoline Storage Tank Testing Protocol). Typical NYCOER Phase II investigation/sampling requirements for hazmat "E" sites are as follows:

- Collection and laboratory analysis of for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, PCBs and pesticides.
- Collection and laboratory analysis of groundwater samples for VOCs, SVOCs, TAL metals (filtered and unfiltered), PCBs and pesticides.
- Collection and laboratory analysis of soil gas samples for laboratory analysis of VOCs via EPA Method TO-15.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Mr. Kevin Waters of EBC performed the site inspection on October 9, 2013, beginning at approximately 9:30 am. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of the Site, and the exterior of adjacent properties. The site reconnaissance was limited to 173 Bayard Street, no access to 171 Bayard Street was available.

Photographs taken during the inspection are attached (**Appendix A)**.

6.2 Observations

The property is currently developed with two 1-story masonry buildings. The two buildings are accessed by a protective steel rollup gate and a standard door. Access was only provided to one of the two buildings (173 Bayard Street). The interior of the building was partially renovated to a residential apartment with small offices/rooms off a main hallway and a main kitchen area.

6.3 Aboveground and Underground Storage Tanks (ASTs/USTs)

EBC did not note any AST or UST(s) within the building during the site inspection, but a gasoline vent was noted protruding from the roof of the building. As no information regarding current status of the this gasoline storage tank(s) and/or soil quality in the vicinity of the suspect storage tank(s) was provided to EBC for review, spills or releases from the tanks may have impacted the subsurface. Therefore, the potential gasoline storage tank(s) represent a recognized environmental condition.

6.4 Hazardous and Non-Hazardous Chemical Storage and Disposal

EBC did not note hazardous or non hazardous chemical storage and or disposal during site inspection.

6.5 Underground Injection Control (UIC) Structures

Underground injection wells are regulated by the Underground Injection Control (UIC) Program under the authority of Part C of the Safe Drinking Water Act (SDWA) (42 U.S.C. 300h et seq.). The SDWA is designed to protect the quality of drinking water in the United States, and Part C specifically mandates the regulation of underground injection fluids through wells. The USEPA has promulgated a series of UIC regulations under this authority. Recent applicable revisions to UIC regulations were published in the State Implementation Guide - Revisions to the Underground Injection Control

Regulations for Class V Injection Wells, September 2000. This document specifically addresses Class V injection wells, which include on-site wastewater disposal features such as drywells, cesspools and in-situ drains. The USEPA issued a Notice of Final Determination for Class V wells; Final Rule on June 7, 2002. With the exception of motor vehicle waste disposal wells and large-capacity cesspools, Class V wells are "authorized by rule" (40 CFR 144.24) and may inject non-hazardous waste as long as the following criteria are met:

- The injection does not endanger underground sources of drinking water (40 CFR 144.12); and
- The well owners or operators submit basic inventory information (40 CFR 144.26).

The USEPA may, at its discretion, require the owner or operator of any well authorized by rule to submit information for review to determine if a well may be endangering an underground source of drinking water. In regard to motor vehicle waste disposal wells and large capacity cesspools (those that serve more than 20 persons per day), owners and/or operators of such wells in regulated areas must close the wells or obtain a permit. These requirements are being phased-in through 2008. Owners and operators of large-capacity cesspools must close the structures by April 5, 2005.

The building and area surrounding the property is serviced by the NYC municipal sewer system.

6.6 Polychlorinated Biphenyls (PCBs)

Polychlorinated biphenyls (PCBs) were used until 1978 and are a group of compounds formed by the chlorination of biphenyl. PCBs have extremely high physical and chemical stabilities which led to their being used in many applications, including heat transfer fluids, hydraulic fluids, and dielectrics. PCBs are often found in transformers, capacitors and hydraulic systems.

Electrical equipment containing PCBs are still in use and can pose a serious health hazard if fluids come in direct contact with humans, soil or groundwater. Fires involving electrical equipment containing PCBs can cause the material to be dispersed over a large area and potentially expose many people to a health risk. Because of the health hazard associated with PCBs, they are regulated under the Toxic Substances Control Act (TSCA).

No electrical transformers or other equipment suspected to contain PCBs were identified on or adjacent to the property at the time of the site inspection.

6.7 Asbestos

Asbestos is the name given to a group of fibrous silicate minerals, typically those of the serpentine group. The tensile strength, flexibility, and non-flammability of asbestos have led to many uses including structural materials, brake linings, insulation, and pipe manufacture. Asbestos is of concern as an air pollutant because when inhaled it may cause asbestosis, mesothelioma, and bronchogenic carcinoma. In 1989, the USEPA announced regulations that would phase out most uses of asbestos by 1996.

As part of the site inspection, a visual survey was conducted of accessible areas for the presence of suspect asbestos-containing materials (ACM). EBC did not note any suspect asbestos containing materials within 173 Bayard Street, but based on the age of the building ACM may be present at the Site.

6.8 Lead-Based Paint (LBP)

In 1978, the U.S. Product Safety Commission issued a ban on paints or surface coatings that contain greater than 0.06 percent lead. The interior paint of 173 Bayard Street was in good condition and there was no evidence of usage of Lead Based Paints. Based on the age of the building LBPs may have been used at the Site.

6.9 Mold

Concern about indoor exposure to mold has been increasing as the public becomes aware that exposure to mold can cause a variety of health effects and symptoms, including allergic reactions. Molds can be found almost anywhere; they can grow on virtually any organic substance, as long as moisture and oxygen are present. There are molds that can grow on wood, paper, carpet, foods, sheetrock, plaster and insulation. When excessive moisture accumulates in buildings or on building materials, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed.

As part of this assessment, a visual inspection was conducted for the presence of water damage and odors, indicative of the potential for mold growth. No visual or olfactory evidence of mold was identified at 173 Bayard Street during the site inspection.

6.10 Wetlands

A review of the NYSDEC Freshwater Wetland Map, Brooklyn Quadrangle, indicates that no NYS freshwater wetlands are located within a one mile radius of the Site. ECB also reviewed NYSDEC Tidal Wetlands Maps available online at http://twi.ligis.org. The tidal wetlands map indicates that there are no NYS tidal wetlands located within a one-mile radius of the Site.

Potential federal wetlands were identified from the U.S. Fish and Wildlife Service (FWS) Wetlands Mapper software, which indicate that no potential federal wetlands are located within a one mile radius of the Site. Additional information obtained from the FWS website is included in **Appendix B**.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) were reviewed to determine if the Site is located within the 100-year or 500-year flood zones. The FIRM showing the property (No. 3604970202F) indicates that the entire property is located within the 500-year flood zones. This indicates that there is a moderate risk of flooding at the Site. A copy of the FEMA FIRM is included in **Appendix B**.

7.0 INTERVIEWS

7.1 Owner

EBC did not interview the owner of the Site.

7.2 Occupants

At the time of the site reconnaissance there were no occupants at the Site.

7.3 Local Government Officials

Freedom of Information Act (FOIA) requests were sent to the NYCDEP, NYCDOH and FDNY York City Department of Health (NYCDOH) for information regarding hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

8.0 FINDINGS AND OPINIONS

Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, one (1) recognized environmental condition was identified in connection with the Site.

Recognized Environmental Conditions (RECs):

- **The Historical Use of the Site as a refrigerator manufacturer.**
  According to a Certificate of Occupancy, Sanborn Maps, and city directory listings, the Site was occupied by a refrigerator manufacturer from 1959 to at most 1965. The name of the company is unknown due to a gap in the provided City Directory Listing, but a Certificate of Occupancy from 1959 notes the use of the property as a refrigerator manufacturer. Based on these findings the use of the Site as a refrigerator manufacturer represents an REC.

Reason for inclusion: Refrigerator manufacturers, especially those in operation prior to the 1979's use PCB capacitors, mercury containing components (switches and relays), refrigerants, oils, and other volatile organic compounds as part of the manufacturing process.

- **Suspect Gasoline Underground Storage Tank from 1958 at the Site.**
  According to a 1959 Certificate of Occupancy, the NYC Fire Department approved a permit for a gasoline storage tank in September of 1958. The tank is described to only be used for fueling of the owner's trucks. In addition, the site inspection identified the presence of a vent on the roof of the building occupying the Site, indicative of a UST. As no information regarding the capacity of the suspect UST(s), their status, integrity and/or soil conditions in their vicinity was available for review, there is a potential for spills or releases from the USTs to have impacted the subsurface.

Reason for inclusion: Underground storage tanks can leak at fittings, through internal or external corrosion and during refilling. An underground fuel oil tank poses a material threat of a petroleum release to subsurface soil and groundwater.

8.1 Additional Environmental Issues

The property was assigned an E-designation for Hazmat during the Greenpoint-Williamsburg Rezoning action completed by the City in October 2005.

An E-designation does not interfere with the present use of the Site; however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. Such release may require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property. Additional information regarding "E" sites can be found on the New York City Office of Environmental Remediation website:

http://www.nyc.gov/html/oer/html/e_designation/e_designation.shtml.

9.0 CONCLUSIONS AND RECOMMENDATIONS

EBC performed a Phase I Environmental Site Assessment in conformance with the scope and limitations as described under ASTM Practice E1527-05 for the commercial property identified by the street addresses of 171-173 Bayard Street, Block 2720 Lot Nos. 43 and 44 in Brooklyn, New York. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, *this assessment has revealed two (2) recognized environmental conditions in connection with the Site.*

- **The Historical Use of the Site as a refrigerator manufacturer from 1959 to at most 1965.**

Recommendation: The subsurface investigation required by the NYCOER to release the "E" designation for this Site requires sampling of soil, groundwater, and soil vapor for VOCs, PCBs, and heavy metals (including mercury).

- **Suspect Gasoline Underground Storage Tank from 1958 at the Site.**

Recommendation: A geophysical survey (e.g., magnetometer and/or ground penetrating radar surveys) of the Site should be conducted to evaluate the presence of the historic UST and/or sanitary structures and the vicinity of the suspected USTs within the site buildings, as well as the configurations of existing underground utilities in advance of a soil boring program.

If a UST(s) is identified, the UST(s) should be removed and/or abandoned-in-place in accordance with New York State Department of Environmental Conservation (NYSDEC) and New York City Fire Department (FDNY) regulations. Any identified geophysical anomalies should be further investigated through soil samples collected for laboratory analysis as warranted.

To evaluate potential groundwater and soil impacts related to suspect UST(s), a subsurface investigation should be performed. At a minimum, the investigation should include the installation of soil borings with the collection of representative groundwater and/or soil samples for laboratory analysis to document subsurface conditions and determine the nature and extent of contamination (if present).

In addition, the property was assigned an E-designation for Hazmat during the Greenpoint-Williamsburg Rezoning action completed by the City in October 2005.

The Site is listed with a Hazmat "E" restriction (E-138) with the descriptions of "underground gasoline storage tank testing protocol". This designation came into effect on May 11, 2005. An E-designation does not interfere with the present use of the Site; however E-designation do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. It should be noted that nearly any development scenario for the Site is subject to the E-designation Environmental Review Program administered by the NYCOER due to the hazardous materials "E" designation assigned to the Site. Typical NYCOER Phase II investigation/sampling requirements for hazmat "E" sites are as follows:

- Collection and laboratory analysis of for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, PCBs and pesticides.
- Collection and laboratory analysis of groundwater samples for VOCs, SVOCs, TAL metals (filtered and unfiltered), PCBs and pesticides.
- Collection and laboratory analysis of soil gas samples for laboratory analysis of VOCs via EPA Method TO-15.

10.0 DEVIATIONS

This Phase I ESA was conducted in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process) an 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule). Excluding additional services outlined in Section 11.0, there were no deviations or deletions from this practice.

11.0 ADDITIONAL SERVICES

EBC has included, in addition to those items outlined by ASTM E 1527-05, a general evaluation of the following is a list of non-scope considerations, which may be addressed, in a limited capacity within this Phase I Environmental Site Assessment:

- Radon;
- Lead-based Paint;
- Asbestos-containing Materials; and
- Wetlands.

12.0 REFERENCES

Standard practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Standard E 1527-05

All Appropriate Inquiry, Final Rule, 40 CFR Part 312

Environmental Data Resources, Inc. regulatory database report, July, 2013.

EDR Sanborn, Inc., Sanborn Map Report, July, 2013.

Environmental Data Resources, Inc. City Directory Search, July, 2013.

New York City Tax Assessor, records review - July 2013.

New York City Department of Health, Freedom of Information request forwarded July 2013.

New York City Fire Department, Freedom of Information request forwarded July 2013.

New York City Department of Environmental Protection, Freedom of Information request forwarded July 2013.

New York City Fire Department, Freedom of Information request forwarded July 2013.

New York City Building Department, records on-line review July 2013.

U.S.G.S. Topographic Map, Brooklyn, NY Quadrangle.

U.S. Department of the Interior, Fish and Wildlife Service. National Wetlands Inventory Maps.

New York State Department of Environmental Conservation. Tidal Wetlands Maps, Kings County, New York.

Federal Emergency Management Agency (FEMA) Flood Zone Map Panel No. 3604970204F.

13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

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

Prepared By:

Dominick Mosca
Environmental Scientist

Reviewed By:

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

QUALIFICATIONS OF
ENVIRONMENTAL PROFESSIONAL

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Charles B. Sosik, PG, PHG, Principal

Professional Experience

25 years

Education

MS, Hydrogeology, Adelphi University, NY
BS, Geology, Northern Arizona University, AZ

Areas of Expertise

- Brownfields Redevelopment
- Hazardous Waste Site Investigations
- Pre-purchase Site Evaluations and Support
- Regulatory Negotiations
- Remedial Planning and "Cost to Cure" Analysis
- Strategic Planning
- Real Estate Transactions
- NYC "E" Designations

Professional Certification

- Professional Geologist, NH
- Professional Geologist, Hydrogeologist, WA
- OSHA 40-hr HAZMAT
- OSHA 8-hr. Supervisor

Professional Affiliation / Committees

- NYS Council of Professional Geologists (NYSCPG)
- Association of Groundwater Scientists & Engineers (AGSE)
- NYS RBCA Advisory Committee
- Massachusetts LSP Association
- New Hampshire Association of Professional Geologists
- Interstate Technology Regulatory Council/MTBE Team
- Environmental Business Association, Brownfields Task Force
- Part 375 Working Group

PROFILE

Mr. Sosik has 25 years of experience in environmental consulting. He specializes in advising clients on managing environmental compliance with federal, state, and municipal agencies and has successfully directed numerous investigation and remediation projects involving petroleum, pesticides, chlorinated solvents, heavy metals and radiologically activated media. His work included extensive three-dimensional investigations on MTBE, which have been used effectively to help shape public policy. He also has experience in applying models to groundwater related problems and has completed several large-scale projects to determine fate and transport of contaminants, establish spill scenarios, and closure criteria. His experience and expertise in the area of contaminant hydrogeology has resulted in requests from environmental attorneys, property owners and New York State to serve as an expert witness and technical advisor on a variety of legal disputes.

For the past 10 years Mr. Sosik has been primarily engaged in providing environmental consulting to developers responding to the extensive re-zoning of former industrial and commercial properties, which is currently taking place throughout New York City. These services include everything from pre-purchase evaluations and contract negotiations to gaining acceptance in and moving projects through the NYS Brownfields Program. Mr. Sosik has taken a pro-active role in the continued development of the NYS Brownfields Program and related policy, by attending numerous working seminars, active participation in work groups and task forces and by providing commentary to draft versions of new guidance documents. Throughout his professional career, Mr. Sosik has remained committed to developing innovative cost- efficient solutions to environmental issues, specifically tailored to the needs of his clients.

SELECTED PROJECTS

Scavenger Waste Treatment Facility (SWTF), Suffolk County, NY

Water Treatment Plant EIS - Focused EIS - In response to requests from the Suffolk County Council on Environmental Quality and the Brookhaven Conservation Advisory Council, Mr. Sosik prepared a focused EIS to evaluate the potential impacts to an important surface water resource from the proposed facility including cumulative and synergistic effects with established contaminant plumes in the area.

Advanced Residential Communities, Rockville Centre, NY

Brownfield Project – As the senior project manager on this large scale, high profile redevelopment project, Mr. Sosik was asked to develop a plan to accelerate the regulatory process in the face of general community opposition. Through numerous discussions with the BCP management team, He was able to condense the schedule and review period, through the submission of supporting documents (Investigation Report, Remedial Work Plan) with the BCP application package. Community opposition, which focused on the environmental condition of the site as a means to block the project, was used to advantage in expediting approval of the aggressive interim remedial plan. This will allow the developer to begin remedial work approximately 5 months ahead of schedule.

Former Temco Uniform site, West Haverstraw, NY

Brownfield Project – Mr. Sosik took over management of this project from another consultant following transition of this VCP site to the BCP. Mr. Sosik used the opportunity to renegotiate and revise the scope of work to allow a more cost effective and focused investigation plan without re-writing or resubmitting the RIWP. During the NYSDEC's review of the transition package, he met with and coordinated changes with the NYSDEC Project Manager to gain approval. The result saved the client a significant amount of money, but perhaps more importantly in this case, did so without loss of time.

Grovick Properties, Jackson Heights, NY

Brownfield Project – This Brownfield property is somewhat unique in that it had been investigated and partially remediated by the NYSDEC through the petroleum spill fund. The client was interested in purchasing the property and redeveloping it as office and retail space. Mr. Sosik reviewed the NYSDEC investigation and developed a

supplemental plan to meet the requirements of an RI under the BCP program. By performing this limited amount of field work "up-front" he was able to complete an RI Report and Remedial Plan and submit both with the BCP application package. The NYSDEC and NYSDOH approved the RI Report and the Remedial Plan with minor changes. This cut 120 days from the review process and allowed the client to arrange financing and move his project forward knowing what the clean-up costs would be at the outset.

Metro Management, Bronx, NY

Brownfield Project – The site of a former gas station, the developer had planned to construct a 12-story affordable housing apartment complex with first floor retail space. Since the site was located in an Environmental zone, potential tax credits of 22% for site development, remediation and tangible property could be realized under the BCP. In a pre-application meeting with the NYSDEC, Mr. Sosik realized that the department did not believe the site was eligible for the BCP, since it had been previously investigated and closed under the spills program.

Mr. Sosik assisted the developer in securing financing, and due to the demands of an aggressive construction schedule developed an Interim Remedial Measure (IRM), based on chemical oxidation treatment. Working closely with the clients environmental counsel, Mr. Sosik was able to get the IRM approved without a public comment period. Implementation of the IRM is currently underway.

The project was awarded the 2009 NYC Brownfield Award for Innovation.

Brandt Airflex, NY

Technical Consulting Services - Mr. Sosik provided senior level technical advice and strategic planning in developing an off-site RI/FS for the site, in negotiating a tax reduction for the property due to the environmental condition and in preparing a cost to cure estimate for settlement between business partners. After achieving a favorable tax consideration and settlement agreement for his client

Allied Aviation Services, Dallas, Fort Worth, Airport, Dallas, TX

Jet Fuel Investigation - Mr. Sosik developed and managed an investigative plan to quickly identify the extent and source of jet fuel which was discharging from the Airport's storm drain system to a creek a mile away. Through the use of a refined conceptual model, accelerated investigative techniques and a flexible work plan, he was able to identify the source of the fuel and the migration route within a single week. He then identifled remedial options and successfully negotiated a risk based plan with the Texas regulatory agency that had issued a notice of enforcement action against the facility.

KeySpan – Former LILCO Facilities, Various NY Locations

Pesticide Impact Evaluation - Mr. Sosik developed, negotiated and implemented a site screening procedure to evaluate impact to public health and the environment as the result of past herbicide use at 211 utility sites. Using an unsaturated zone leaching model (PRZM) on a small subset of the sites, he was able to establish mass loading schedules for the remaining sites. This was combined with public well data in a GIS environment to perform queries with respect to mass loading, time transport and proximity to vunerable public supply wells. Using this approach Mr. Sosik was able to show that there were no concerns for future impact. This effort satisfied the public health and resource concerns of the state environmental agency and county health department in a reasonable amount of time and at a fraction of the cost of a full scale investigation.

Former Computer Circuits (Superfund) Site, Hauppauge, NY

CERCLA RI/FS - As Senior Project Manager for the site, he played a major role in regaining control of the investigation activites for the PRP. This action prevented the USEPA from initiating an extensive investigation at the site using a RAC II contractor allowing the client to perform a more efficient investigation. He was involved in all negotiations with EPA and was the project lead in developing a revised site characterization plan (work plan, field sampling plan, quality assurance plan, etc.). By carefully managing all phases of the investigation and continued interaction with each of the three regulatory agencies involved, Mr. Sosik was able to keep the project focused and incrementally reinforce the clients position. The estimated cost of the revised investigation is expected to save the client 1.5 to 2 million dollars.

Sun Oil, Seaford, NY

Remediation Consuliting Services & Project Management - Under an atmosphere of regulatory distrust, political pressure and mounting public hostility toward the client, Mr. Sosik conducted an off-site 3-D investigation to define the extent of contamination and the potential impact on public health. By designing and implementing an aggressive source area remediation program and personal interaction with the public and regulatory agencies, he was able to successfully negotiate a limited off-site remediation favorable to the client. Source area remediation was completed within 6 months and the project successfully closed without damage to the client's public image or working relationship with the regulatory agencies.

Con Edison, Various Locations, NY

Hydrogeologic Consulting Services - Under a general consulting contract, Mr. Sosik conducted detailed subsurface hydrogeologic investigations at five locations to assist in the development of groundwater contingency planning. He also developed and implemented work plans to investigate and remediate existing petroleum, cable fluid, and PCB releases at many of the generating facilities and substations. An important aspect of his role was in assisting the client in strategic planning and negotiations with the regulatory agency.

Keyspan - Tuthill Substation, Aqueboque, NY

Accelerated Site Characterization - Using accelerated site characterization techniques, Mr. Sosik presented the project as a case study in establishing the transport of an herbacide and its metobolites aplied at utility sites in the 1980's The results were then used to establish a screening method for evaluating 211 similar sites controlled by the client in a reasonable and eficient manner.

NYSDEC Spill, East Moriches, NY

Spill Release Analysis - With recognized expertise in the area of gasoline plume development on Long Island, Mr. Sosik was asked by the State to establish the release date (and principal responsible party) of an extensive petroleum spill, which impacted a residential

Charles B. Sosik, PG, PHG, Principal

neighborhood. He used multiple lines of evidence, and a new EPA model (HSSM), which he has helped to refine, to reconstruct the release scenario and spill date, in support of the State Attorney General's cost recovery effort from the PRP.

Minmilt Realty, Farmingdale, NY

Fate & Transport Modeling - He completed an RI/FS at this location for a PCE plume that had been in transit for over 30 years. Mr. Sosik applied a conservative model to evaluate time/concentration impacts under a variety of transport scenarios to a municipal wellfield located 13,000 feet away. Through the use of the model and careful interpretation of an extensive data set compiled from several sources, Mr. Sosik was able to propose a plan which was both acceptable to the regulator and favorable to the client.

Sebonack Golf Course Project, Town of Southampton, NY

IPM Pesticide Study - Provided professional hydrogeologic services in support of the EIS prepared for the development of the site. The proposed development included an 18-hole golf course, clubhouse, dormitory facility, cottages, associated structures, and a 6,000 square foot research station for Southampton College. Mr. Sosik performed an extensive evaluation (using a pesticide-leaching model) on the effects of pesticide and nitrogen loading to groundwater as part of the projects commitment to an Integrated Pest Management (IPM) approach.

NYSDEC, Spills Division, Regions 1 – 4

Petroleum Spills Investigation & Remediation - As a prime contractor/consultant for the NYSDEC in Regions 1-4, Mr. Sosik has managed the investigation and remediation of numerous petroleum spills throughout the State. Many of these projects required the development of innovative investigation and remediation techniques to achieve project goals. He was also involved in many pilot projects and research studies to evaluate innovative investigation techniques such as accelerated site characterization, and alternative approaches to remediation such as monitored natural attenuation and risk based corrective action.

Sun Oil, E. Meadow, NY

Exposure Assessment - Performed to seek closure of the spill file, despite the presence of contaminants above standards, Mr. Sosik determined after the extended assessment that the level of remaining contamination would not pose a future threat to human health or the environment. He used multiple lines of evidence, and a fate and transport model to show that degradation processes would achieve standards within a reasonable time.

Sand & Gravel Mine, NY

Property Development - As part of the development of a sand and gravel mine, Mr. Sosik provided environmental consulting services to assist in obtaining a mining permit, which would result in the construction of a 150-acre lake. Specifically, Mr. Sosik investigated if the proposed lake would reduce groundwater quantity to domestic and public well fields, and/or accelerate the migration of potential surface contaminants to the lower part of the aquifer. After assuming the lead role in negotiations with the regulatory agency, Mr. Sosik was able to obtain a permit for the client by adequately addressing water quality and quantity issues, and by preparing a monitoring plan and spill response plan, acceptable to all parties.

NYSDEC, Mamaroneck, NY

Site Characterization / Source Identification - In a complex hydrogeologic setting consisting of contaminant transport through fractured metomorphic bedrock and variable overburden materials, Mr. Sosik was able to develop and implement a sub-surface investigation to differentiate and separate the impact associated with each of two sources. The results of this investigation were successful in encouraging the spiller to accept responsibility for the release.

Riverhead Municipal Water District, NY

Site Characterization / Remedial Planning - Using accelerated characterization techniques, he implemented a 3-D site investigation to identify two service stations 4,000 ft. away as the source of contamination impacting a municipal wellfield. In accordance with the strict time table imposed by the need to return the wellfield to production by early spring, he designed and implemented a multi-point (9 RW, 6 IW) recovery and injection well system using a 3-d numerical flow model, and completed the project on time. Using a contaminant transport model, Mr. Sosik developed clean-up goals which were achieved in 9 months of operation, well below the projected 3 to 5 year project duration.

Montauk Fire Department, NY

Site Assessment - Mr. Sosik performed a limited investigation and used a 2-D flow model to demonstrate that the property could not have been the source of contamination which had impacted an adjacent wellfield as per the results of a previous investigation. This small focused effort successfully reversed a $500,000, and rising, claim against the department by the water district and the NYSDEC.

PREVIOUS EXPERIENCE

P.W. Grosser Consulting, Bohemia, NY
Senior Project Manager, 1999-2006

Environmental Assessment & Remediation, Patchogue, NY
Senior Project Manager, 1994-1999

Miller Environmental Group, Calverton, NY
Project Manager, 1989-1994

DuPont Biosystems, Aston, PA
Hydrogeologist, 1988-1989

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Charles B. Sosik, PG, PHG, Principal

EXPERT WITNESS TESTIMONY AND DEPOSITIONS

Fact Witness -Testimony on relative age of petroleum spill based on nature and extent of residual and dissolved components at the Delta Service Station in Uniondale, NY Fall/1999

Expert Witness / Expert Report for defendant in cost recovery case by NYS Attorney General regarding a Class II Inactive Hazardous Waste (State Superfund) project by the NYSDEC (October 2004 – present, Report: March 2005, Deposition: April 2005)

Expert Witness / Fact Witness for plaintiff seeking compensation for partial expenses incurred during the investigation and remediation of a USEPA CERCLA site due to the release and migration of contaminants from an "upgradient" industrial property. (Deposition May 2005, case settled April 2007).

Expert Witness / Fact Witness for NYS Attorney General with respect to cost recovery for a NYSDEC petroleum spill site in Holtzville, NY (Deposition April 2005 - case settled).

Expert Witness – Statement of opinion and expert testimony at trial for plaintiff seeking damages from a major oil corporation for contamination under a prior leasing agreement in Rego Park, NY. Case decided in favor of plaintiff. Trial July 2007, in favor of Plaintiff. Qualified as Expert Witness.

Expert Witness / Fact Witness for NYS Attorney General with respect to cost recovery for a NYSDEC petroleum spill site in Lindenhurst, NY (Trial date December 2009, in favor of plaintiff. Qualified as Expert Witness.

Expert Witness - for plaintiff (municipal water supply purveyor) seeking damages from Dow Chemical for PCE impact at various locations in Suffolk County, NY. Affidavit submitted 2011.

Expert Witness - for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Riverhead, NY. Case settled July 2008.

Expert Witness / Fact Witness for defendant with respect to cost recovery and third party responsibility for a NYSDEC petroleum spill site in Lindenhurst, NY (Expert Statement of Fact – October 2005).

Expert Witness for plaintiff seeking damages related to a petroleum spill from the previous owner/operator of a gas station in College Point, NY. Case settled 2009.

Expert Witness for plaintiff (municipal water supply purveyor) seeking damages from major oil companies and manufacturer of MTBE at various locations in Suffolk County, NY. Expert reports July 2007, August 2007 and October 2007, Case settled August, 2008.

Expert Witness - Deposition for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Sag Harbor, NY. August 2002

Expert Witness for defendant responding to a claim from adjacent commercial property owner on the origin of chlorinated solvents on plaintiff's property located in Cedarhurst, NY. Expert opinion submitted to lead counsel on March 6, 2009, case settled April 2009.

Expert Report - for Attorney General on modeling performed to determine the spill release scenario at a NYSDEC petroleum spill site in East Moriches, NY. June 2000.

Expert Witness - for plaintiff in case regarding impact to private wells from a spill at adjacent Town and County properties with open gasoline spill files in Goshen, NY. Expert report submitted August 2013.

Expert Witness for defendant with respect to cost recovery from Sunoco for a NYSDEC petroleum spill site. (Declaration – January 2013).

Expert Witness for plaintiffs in class action case with respect to damages from chlorinated plume impact to residences in Dayton, Oh. (Draft Report – May 2013).

MODELING EXPERIENCE (PARTIAL LISTING)

PROJECT	MODEL	APPLICATION
Riverhead Water District, Riverhead, NY	MODFLOW, MODPATH	Remediation system design to intercept MTBE plume and prevent continued impact to municipal well field.
NYSDEC - Region 1, Holbrook, NY	MODFLOW, MODPATH	Simulate transport of MTBE plume to predict future impact.
NYSDEC - Region 1, East Moriches, NY	HSSM	Evaluate release scenario and start date of petroleum spill in support of cost recovery by NYS AG office.
AMOCO, Deer Park, NY	HSSM	Estimate release amount, start date and spill scenario to evaluate the potential for mass unaccounted for
Keyspan Energy, Nassau/Suffolk Counties Substations	PRZM	Estimate mass load of simazine used at 211 electric substations and screen sites according to potential for human health and ecological impacts.
Saboneck Golf Club, Southampton NY	PRZM	Estimate mass load of proposed pesticides on new golf course to evaluate acceptability under an IPM program.
Suffolk County Department of Public Works (SCDPW) Scavenger Waste Treatment Plant, Yaphank, NY	DYNFLOW, DYNTRAC	Evaluate time-transport and nitrogen impact on local river system.
SCDPW SUNY Waste Water Treatment Plant, Stony Brook, NY	DYNFLOW, DYNTRAC	Determine outfall location and time-transport of nitrogen from proposed upgrades to an existing wastewater treatment plant
Water Authority of Great Neck North Great Neck, NY	MODFLOW, MODPATH, MT3D	Review of modeling study performed by EPA to evaluate potential future impact to Well field from PCE plume. Identified serious flaws in model construction and implementation, which invalidated conclusions

PUBLICATIONS / PROFESSIONAL PAPERS

Smart Pump & Treat Strategy for MTBE Impacting a Public Water Supply (14th Annual Conference on Contaminated Soils Proceedings, 1998)

Transport & Transformation of BTEX & MTBE in a Sand Aquifer (Groundwater Monitoring & Remediation 05/1998)

Characteristics of Gasoline Releases in the Water Table Aquifer of Long Island (Petroleum Hydrocarbons Conference Proceedings, 1999)

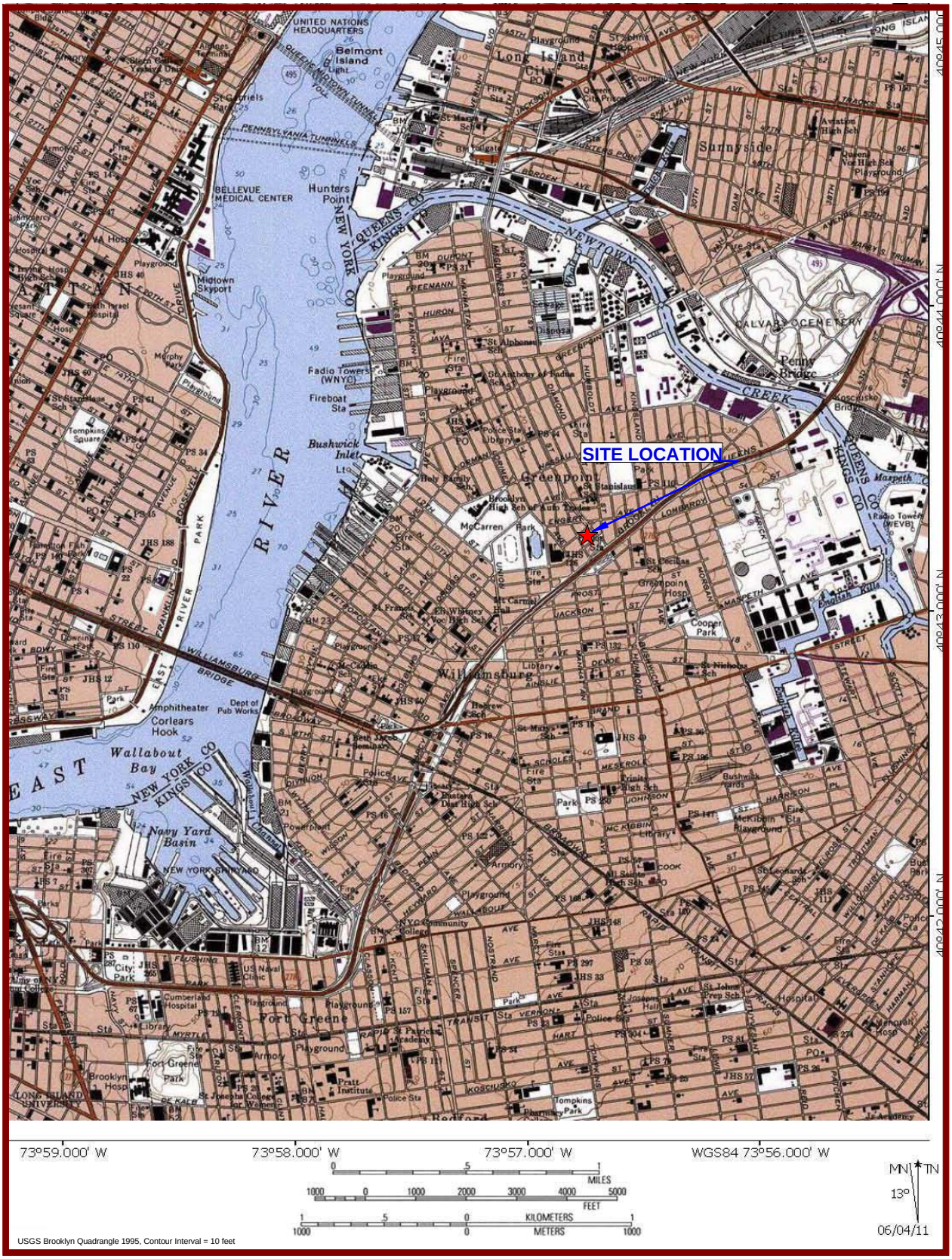
Field Applications of the Hydrocarbon Spill Screening Model (HSSM) (USEPA Interactive Modeling Web Course www.epa.gov/athens/software/training/webcourse Authored module on model application and applied use of calculators, 02/2000)

Comparative Evaluation of MTBE Sites on Long Island, US EPA Workshop on MTBE Bioremediation (Cincinnati, 02/2000)

Comparison of Four MTBE Plumes in the Upper Glacial Aquifer of Long Island (American Geophysical Union, San Francisco, 12/1996)

Analysis and Simulation of the Gasoline Spill at East Patchogue, New York (American Geophysical Union, San Francisco, 12/1998)

FIGURES



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

171-173 BAYARD STREET, BROOKLYN NY 11222
BLOCK 2720 LOTS 44 & 43

FIGURE 1 SITE LOCATION MAP

FIGURE 2 – LOT DIAGRAM

N

SITE NAME: 171-173 BAYARD STREET
STREET ADDRESS: 171-173 BAYARD STREET
MUNICIPALITY, STATE, ZIP: BROOKLYN, NY 11222

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

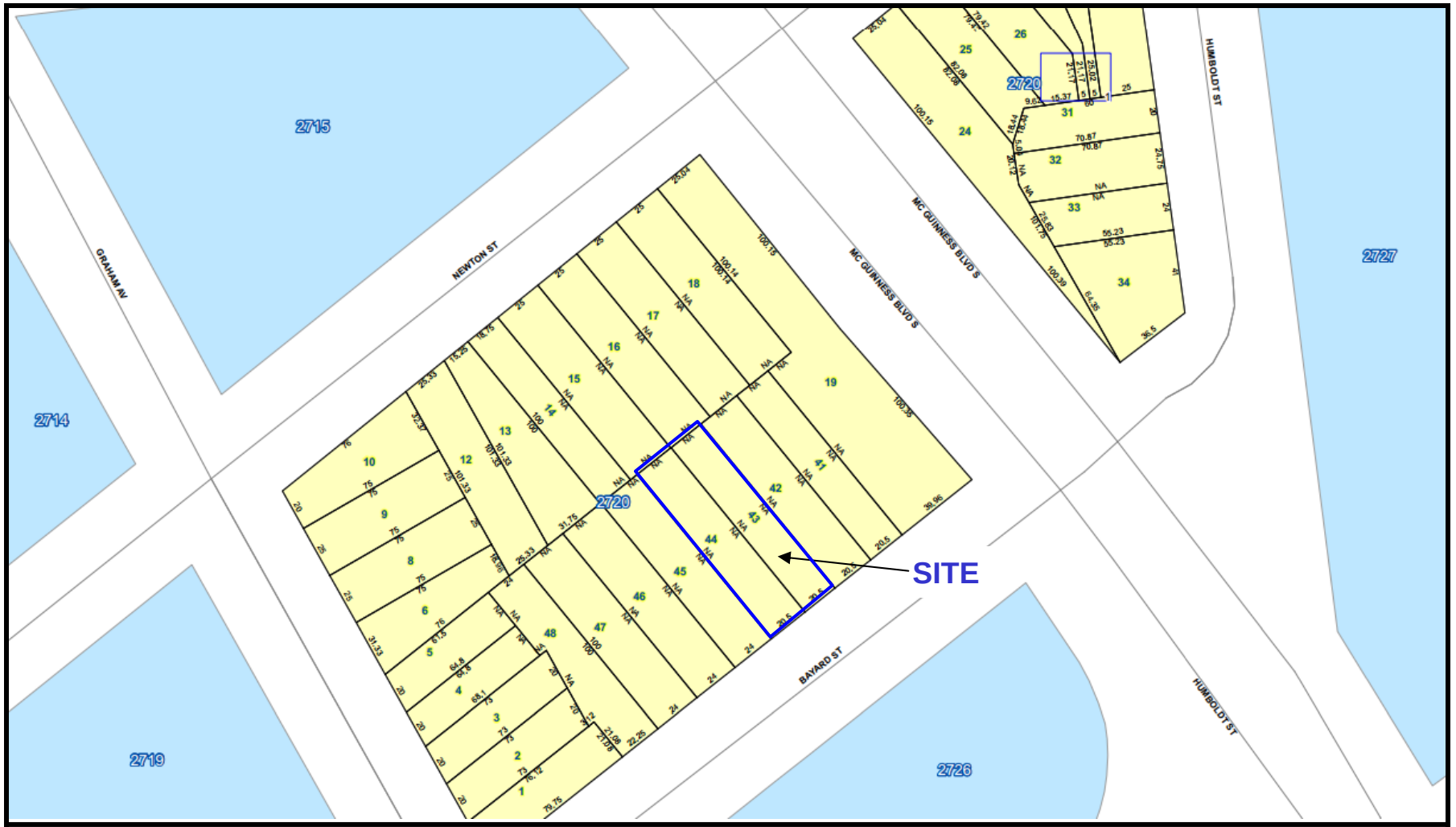


FIGURE 3 – TAX MAP

N

SITE NAME: 171-173 BAYARD STREET
STREET ADDRESS: 171-173 BAYARD STREET
MUNICIPALITY, STATE, ZIP: BROOKLYN, NY 11222

Source: New York City Department of Finance

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

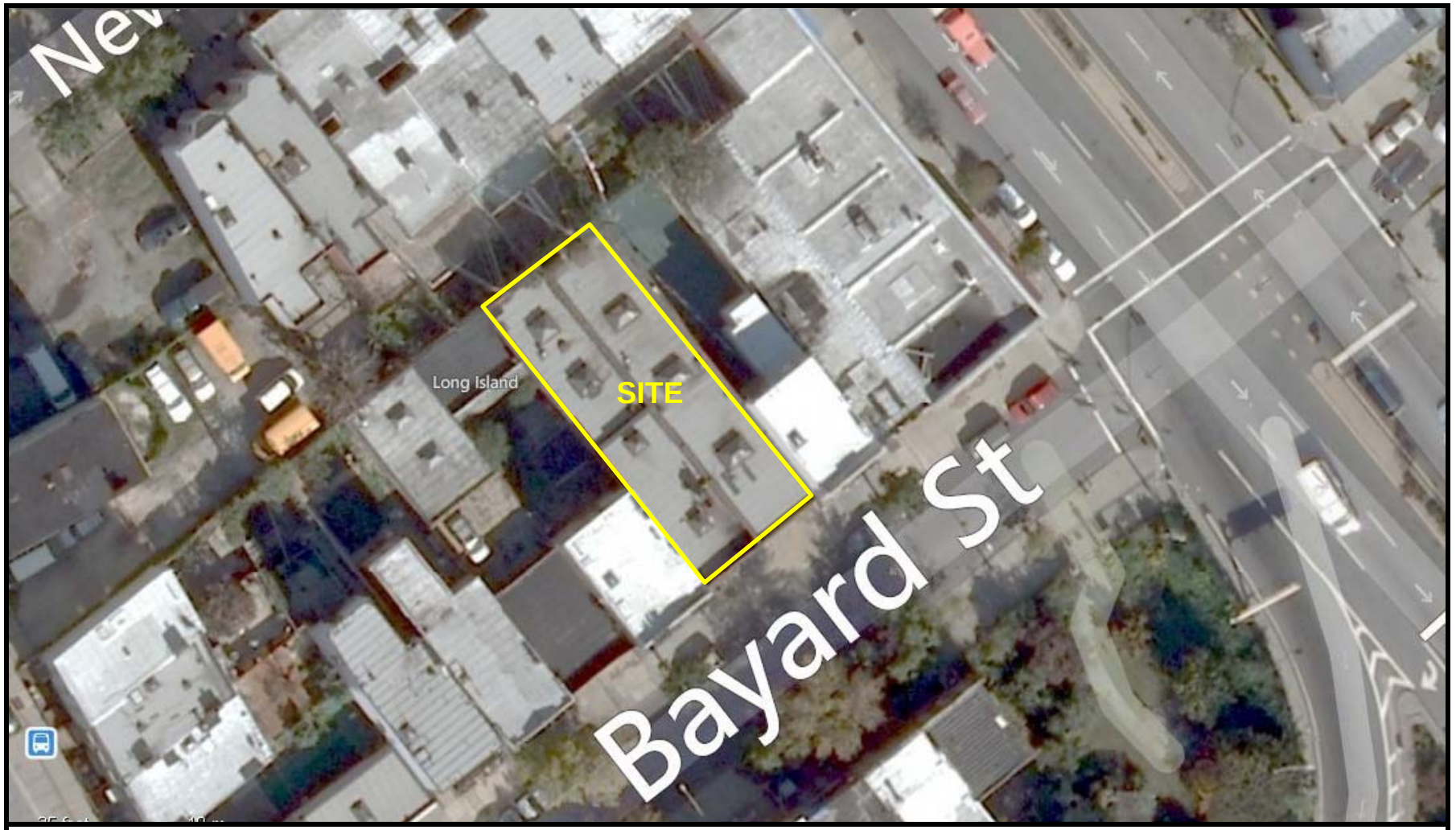


FIGURE 4 – SITE AERIAL

N

SITE NAME: 171-173 BAYARD STREET
STREET ADDRESS: 171-173 BAYARD STREET
MUNICIPALITY, STATE, ZIP: BROOKLYN, NY 11222

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

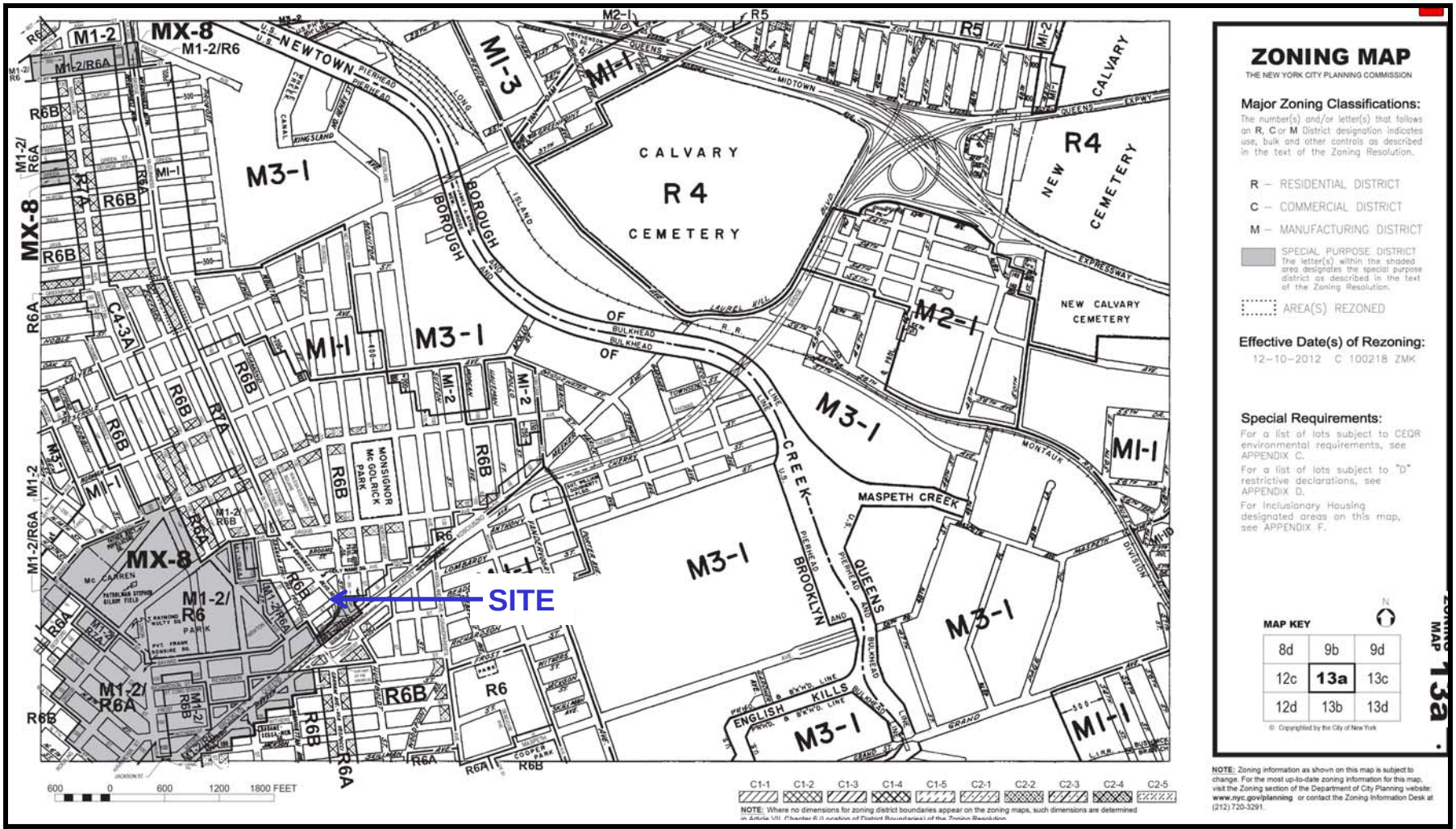


FIGURE 5A – ZONING MAP

N

SITE NAME: 171-173 BAYARD STREET
STREET ADDRESS: 171-173 BAYARD STREET
MUNICIPALITY, STATE, ZIP: BROOKLYN, NY 11222

Source: New York City Department of City Planning

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

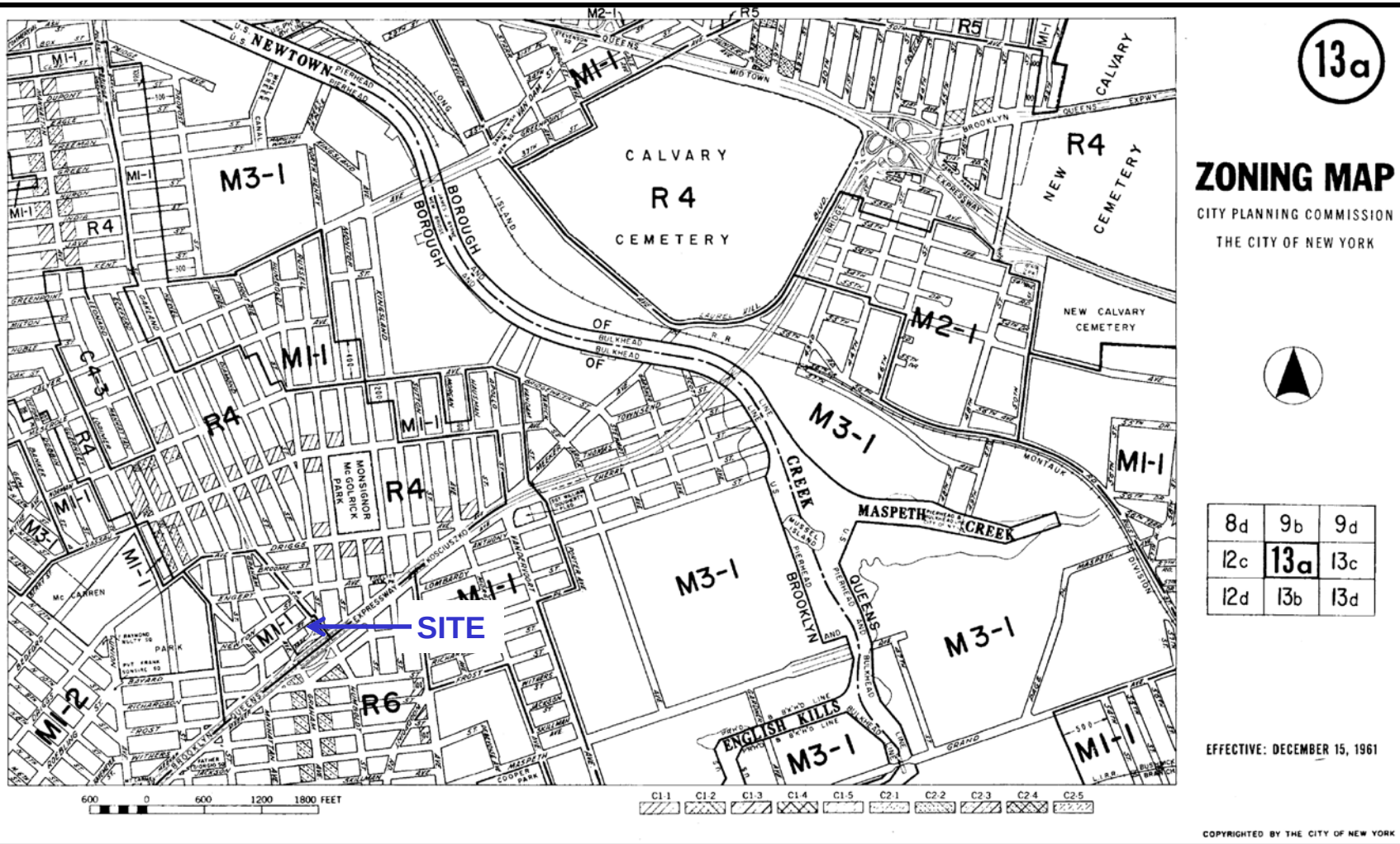


FIGURE 5B – HISTORIC ZONING MAP

N

SITE NAME: 171-173 BAYARD STREET
STREET ADDRESS: 171-173 BAYARD STREET
MUNICIPALITY, STATE, ZIP: BROOKLYN, NY 11222

Source: New York City Department of City Planning - 1961

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

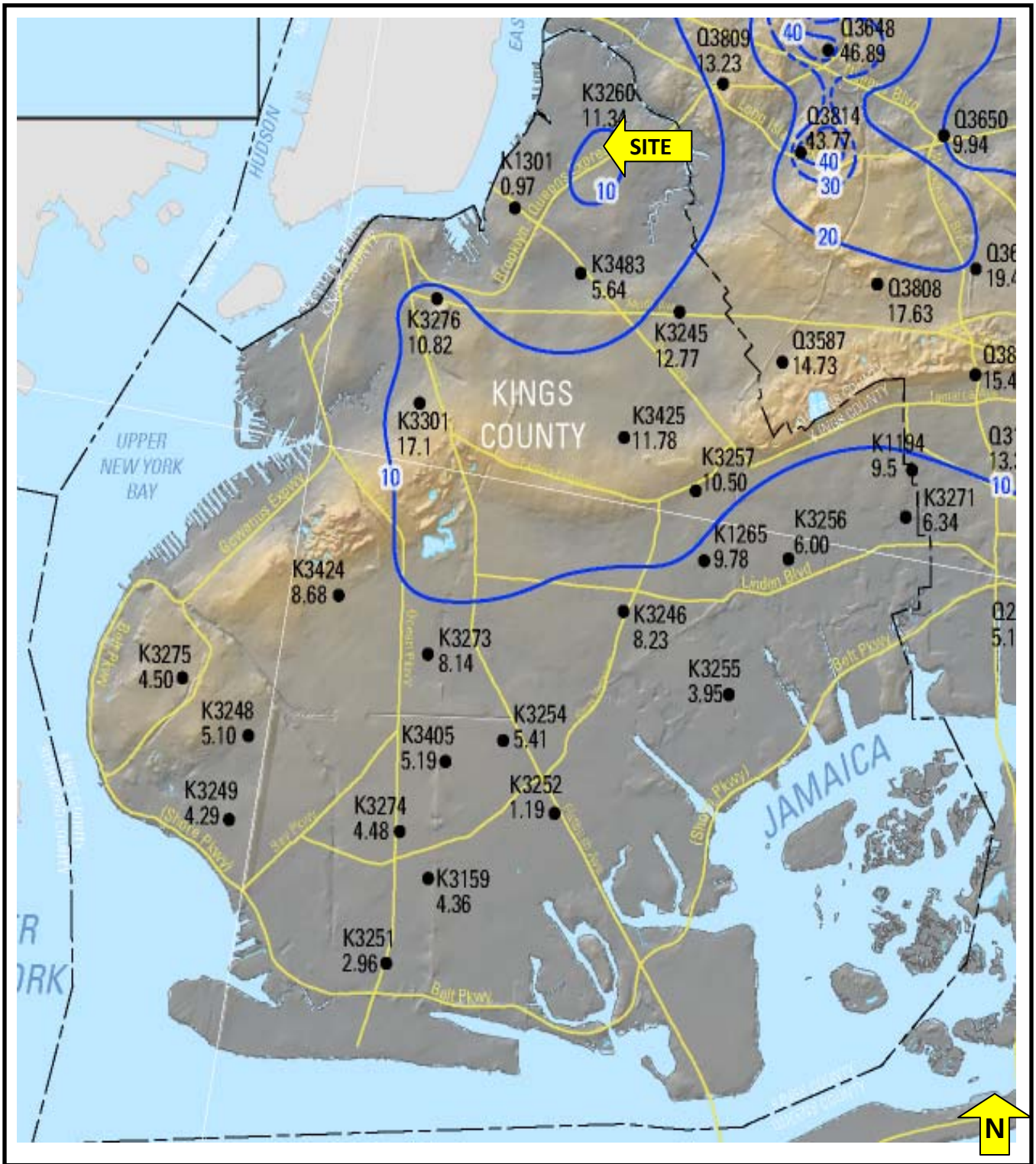


FIGURE 6 – WATER TABLE MAP

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

SITE NAME: 171-173 BAYARD STREET
STREET ADDRESS: 171-173 BAYARD STREET
MUNICIPALITY, STATE, ZIP: BROOKLYN, NY 11222

Source: USGS - 2009

APPENDIX A

SITE PHOTOGRAPHS

SUBJECT SITE

Photo 1 – View of 173 Bayard Street (Lot 43) with the steel rollup gate up.

Photo 2 – View of 171 Bayard Street (Lot 44), at the time of the inspection there was no access to this bulding.

Photo 3 – View of entrance into 173 Bayard Street.

Photo 4 – View of interior main hallway at 173 Bayard Street.

Photo 5 - View of kitchen/dining area in 173 Bayard Street.

APPENDIX B

LOCAL AGENCY INFORMATION

DUPLICATE

No. 48049

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN

BUREAU OF BUILDINGS

CERTIFICATE OF OCCUPANCY

(ISSUED PURSUANT TO ARTICLE 1, SECTION 5, BUILDING CODE)

BROOKLYN, N. Y., 11-26 1927

OWNER Charles Allegro

ARCHITECT L. F. Reichert

This is to certify that the NEW / ALTERED BUILDING

Located at 171 Bay 22nd St. 115 ft E. Bath Ave.
has been COMPLETED substantially according to the approved plans and specifications and the requirements of the BUILDING CODE, and PERMISSION is hereby granted for the OCCUPANCY of said building for the following purposes :

This certificate supersedes all previously issued certificates.

STORY	LIVE LOADS LBS. PER SQ. FT.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Cellar					Boiler
Basement					
First Story					Private garage for 5 trucks
Second "					
Third "					
Fourth "					
Fifth "					
Sixth "					
Seventh "					
Eighth "					
Ninth "					
Tenth to					
th					

Number of Buildings One

Permit No. 122107

Work Completed 11-5-27

Alfred H. Kind
Superintendent of Buildings

Per C. Hartung

10A-2065-26 CK

~~185-34-BA~~

~~PLICATE~~ ~~CITY OF NEW YORK~~ No. 76253

~~OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN~~

DEPARTMENT OF BUILDINGS

DATE Aug 2, 1935

CERTIFICATE OF OCCUPANCY

~~dard form adopted by the Board of Standards and Appeals July 22, 1982, and issued pursuant to Section Greater New York Charter, and Chapter 5, Building Code, Code of Ordinances, City of New York)~~

~~certificate supersedes all previously issued certificates.~~

~~he owner or owners of the building or premises:~~

THIS CERTIFIES that the ~~NEW~~ ALTERED —BUILDING—PREMISES

~~ted~~ at 174 Bayard Street N.E. cor. 174 & E. 1st Place

Block 2720, Lot 44 conforms substantially to the approved ~~s and specifications, and to the requirements of the building code and all other laws and ordi-~~ ~~es, and of the rules and regulations of the Board of Standards and Appeals, applicable to a~~ ~~ing of its class and kind at the time the permit was issued; and CERTIFIES FURTHER~~ ~~any provisions of law relating to standpipe and sprinkler equipment have been complied~~ as certified by a report of the Fire Commissioner to the Commissioner of Buildings.

~~S CERTIFICATE IS ISSUED SUBJECT TO THE LIMITATIONS HEREINAFTER SPECIFIED AND TO THE FOLLOWING RESOLUTIONS OF THE BOARD OF STANDARDS AND APPEALS:~~

~~(Calendar numbers to be inserted here)~~

PERMISSIBLE USE AND OCCUPANCY

~~STORY~~	LIVE LOADS LBS. PER SQ. FT.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
					NIHL
	200	1	—	0	STORAGE PURPOSES

~~mit~~ No. 3675-35 Type of Construction Frame & Brick

~~ght~~ 1 ~~stories~~ 16 feet. Date of completion, construction 8/2/35

~~ted~~ in Queens ~~zone~~ at time of ~~issuance~~ of permit. plumbing NP

~~COVER~~

NO CHANGE OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERT CATE SHALL BE MADE UNLESS FIRST APPROVED BY THE COMMISSIONER BUILDINGS.

Unless an approval for the same has been obtained from the Commissioner of Building change or rearrangement in the structural parts of the building, or affecting the light and ve tion of any part thereof, or in the exit facilities, shall be made; no enlargement, whether b tending on any side or by increasing in height shall be made; nor shall the building be moved one location or position to another; nor shall there be any reduction or diminution of the ar the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than tha which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the stresses in the construction in any story shall not exceed the live loads specified above; the ber of persons of either sex in any story shall not exceed that specified when sex is indicated shall the aggregate number of persons in any story exceed the specified total; and the use to any story may be put shall be restricted to that fixed by this certificate except as specifi stated.

This certificate does not in any way relieve the owner or owners or any other perso persons in possession or control of the building, or any part thereof, from obtaining such permits, licenses or approvals as may be prescribed by law for the uses or purposes for whic building is designed or intended; nor from obtaining the special certificates required for the and operation of elevators; nor from the installation of fire alarm systems where required by nor from complying with any lawful order for additional fire extinguishing appliances unde discretionary powers of the fire commissioner; nor from complying with any lawful order i with the object of maintaining the building in a safe or lawful condition; nor from compl with any authorized direction to remove encroachments into a public highway or other p place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the b ing indicated on its face, and certifies to the legal use and occupancy of only such parts of building; it is subject to all the provisions and conditions applying to a final or permanent ficate; it is not applicable to any building under the jurisdiction of the tenement house com sioner unless it is also approved and endorsed by him; and it must be replaced by a full certi at the date of its expiration.

Examined by

Per

Commissioner of Buildings.
Borough of Brooklyn.

Additional copies of this certificate will be issued, upon written request, to persons having an intere the building or premises.

Form 54-71M-702854(58) 114

DEPARTMENT OF BUILDINGS

BOROUGH OF [redacted], THE CITY OF NEW YORK

No. 164024

Date JAN 14 1959

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C.26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the [redacted]-altered-[redacted]-building—premises located at
17-17 Bayard Street, North side, 174'8" East of Graham Avenue

Block 2720 Lot 43 & 44

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

[redacted] Alt. No.—1276/1955

Construction classification— non-fireproof

Occupancy classification— factory

Height 1 stories, 15' & 14' feet.

Date of completion— constr. 12/8/58 plumb. 12/8/58

Located in Business Use District.

Area P.E. 1/8/59 Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals: (Calendar numbers to be inserted here)

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
first	ground	12	-	12	factory and storage, manufacturing refrigerators; no power saws for cutting wood to be used; 10' x 33' loading space.
		TOTAL - as stated above			
					Fire Department approval dated September 8, 1958 (gasoline tank installation, for owner's trucks only)

Borough Superintendent

CERTIFICATE WILL BE NULL AND VOID IF ALTERED IN ANY MANNER OR ADDITIONS ARE MADE THERETO.

(Page 1)

NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners of any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

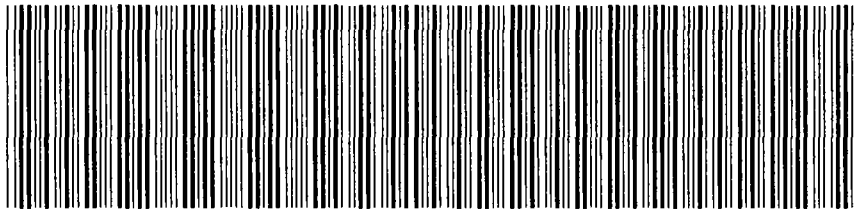
If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2003030301161001002EB44F

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 4**

Document ID: 2003030301161001 Document Date: 09-23-2002 Preparation Date: 03-03-2003
Document Type: DEED, OTHER
Document Page Count: 2

PRESENTER:
ABSTRACTS, INCORPORATED
585 STEWART AVENUE
AINC 14115(B)
GARDEN CITY, NY 11530
516-683-1000
gmistretta@abstractsinc.com

RETURN TO:
BRANCATO, BRANCATO & BRANCATO
585 STEWART AVENUE
GARDEN CITY, NY 11530

PROPERTY DATA

Borough	Block	Lot		Unit	Address
BROOKLYN	2720	43	Entire Lot		171-173 BAYARD STREET
Property Type:	INDUSTRIAL BUILDING				
Borough	**Block**	**Lot**		**Unit**	**Address**
BROOKLYN	2720	44	Entire Lot		171 BAYARD STREET
Property Type:	INDUSTRIAL BUILDING				

CROSS REFERENCE DATA

CRFN *or* Document ID *or* Year Reel Page *or* File Number

PARTIES

GRANTOR:
TRACEY UNDERWEISER
160-71 WILLETS POINT BOULEVARD, APTC2
WHITESTONE, NY 11357

☒ Additional Parties Listed on Continuation Page

GRANTEE:
TRACY UNDERSEISER
160-71 WILLETS POINTS BOULEVARD, APT E-2, AS CO-TRUSTEES OF THE NEL ENDELSON TRUST U/W F/B/O

FEES AND TAXES

Mortgage
Mortgage Amount: $ 0.00
Taxable Mortgage Amount: $ 0.00
Exemption:
TAXES:
County (Basic): $ 0.00
City (Additional): $ 0.00
Spec (Additional): $ 0.00
TASF: $ 0.00
MTA: $ 0.00
NYCTA: $ 0.00
TOTAL: $ 0.00

Recording Fee: $ 50.00
Affidavit Fee: $ 0.00
NYC Real Property Transfer Tax Filing Fee: $ 25.00
NYS Real Estate Transfer Tax: $ 0.00

NYC HPD Affidavit in Lieu of Registration Statement

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 03-28-2003 14:47
City Register File No.(CRFN): 2003000067797

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2003030301161001002CB6CF

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 4**

Document ID: 2003030301161001 Document Date: 09-23-2002 Preparation Date: 03-03-2003
Document Type: DEED, OTHER

PARTIES

GRANTOR:
MARC ENDELSON
14 EDWARDS STREET, APT C2
ROSLYN HEIGHTS, NY 11577

GRANTEE:
JAY ENDELSON
160-71 WILLETS POINT BOULEVARD, APT E-1,
CO-TRUSTEES OF THE NEIL ENDELSON STRUST
U/WF/B/O

GRANTEE:
JAY ENDELSON
160-71 WILLETS POINT BOULEVARD
WHITESTONE, NY 11357

GRANTEE:
STEPHANIE ENDELSON
106-71 WILLETS POINT BOULEVARD
WHITESTONE, NY 11357

GRANTEE:
TRACY UNDERWEISER
160-71 WILLETS POINT BOULEVARD
WHITESTONE, NY 11357

GRANTEE:
MARC ENDELSON
160-71 WILLETS POINT BOULEVARD
WHITESTONE, NY 11357

NY 025 - Executor's Deed -- Individual or Corporation (Single Sheet) (NYBTU 8005)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT -- THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 23rd day of September, in the year 2002
BETWEEN TRACEY UNDERWEISER, 160-71 Willets Point Boulevard #E-2, Whitestone, New York, and MARC ENDELSON, 14 Edwards Street #C2, Roslyn Heights, New York

as Co- executors (~~executrix~~xx) of the last will and testament of NEIL ENDELSON, late of QUEENS COUNTY, NEW YORK, deceased,
party of the first part, and TRACEY UNDERWEISER, 160-71 Willets Point Boulevard #E-2, Whitestone, New York, and JAY ENDELSON, 160-71 Willets Point Boulevard #E-1, Whitestone, New York, as CO-TRUSTEES OF THE NEL ENDELSON TRUST u/w f/b/o TRACEY UNDERWEISER, JAY ENDELSON, MARC ENDELSON and STEPHANIE ENDELSON

party of the second part,
WITNESSETH, that the party of the first part, by virtue of the power and authority given in and by said last will and testament, and in consideration of ten dollars, paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the northerly side of Bayard Street distant 174 feet easterly from the corner formed by the intersection of the northerly side of Bayard Street with the easterly side of Graham Avenue; running thence northerly at right angles to Bayard Street, 100 feet; thence easterly parallel with the northerly side of Bayard Street, 41 feet 1-5/7 inches; thence southerly at right angles to Bayard Street, 100 feet to the northerly side of Bayard Street; thence westerly along the northerly side of Bayard Street, 41 feet 1-5/7 inches to the point or place of BEGINNING.

SAID PREMISES being known as and by No. 171-173 Bayard Street, Brooklyn, New York, as shown on the Kings County Land and Tax Map as Section 9, Block 2720, Lots 43 and 44.

District
Section 9
Block 2720
Lot(s) 43, 44

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances, and also all the estate which the said decedent had at the time of decedent's death in said premises, and also the estate therein, which the party of the first part has or has power to convey or dispose of, whether individually, or by virtue of said will or otherwise; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Tracey Underweiser
TRACEY UNDERWEISER, Co-Executor

MARC ENDELSON, Co-Executor

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY:

State of New York, County of NASSAU **} ss.:**

On the 23 day of SEPTEMBER in the year 2002 before me, the undersigned, personally appeared TRACEY UNDERWEISER and MARC ENDELSON ,

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

LOUIS J. BRANCATO
Notary Public, State of New York
No. 30-4970110
Qualified in Nassau County
Commission Expires August 11, 20[illegible]

Notary Public

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY:

State of New York, County of **} ss.**

On the day of in the year before me, the undersigned, personally appeared ,

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

ACKNOWLEDGMENT FORM FOR USE WITHIN NEW YORK STATE ONLY:
{New York Subscribing Witness Acknowledgment Certificate}

State of New York, County of **} ss.:**

On the day of in the year before me, the undersigned, personally appeared ,

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he/she/they reside(s) in

(if the place of residence is in a city, include the street and street number, if any, thereof); that he/she/they know(s)

to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said

execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto.

ACKNOWLEDGMENT FORM FOR USE OUTSIDE NEW YORK STATE ONLY:
{Out of State or Foreign General Acknowledgment Certificate}

. . . . . **} ss.:**
{Complete Venue with State, Country, Province or Municipality}

On the day of in the year before me, the undersigned, personally appeared ,

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), that by his/her/ their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

(Insert the city or other political subdivision and the state or country or other place the acknowledgment was taken).

EXECUTOR'S DEED

INDIVIDUAL OR CORPORATION

TITLE NO. AINC 14116

TRACEY UNDERWEISER and
MARC ENDELSON, Co-Executors

TO

TRACEY UNDERWEISER and
JAY ENDELSON, Co-Trustees

DISTRICT	
SECTION	9
BLOCK	2720
LOT	43 & 44
COUNTY OR TOWN	KINGS

RECORDED AT REQUEST OF
Fidelity National Title Insurance Company of New York
RETURN BY MAIL TO

BRANCATO, BRANCATO & BRANCATO
585 STEWART AVENUE
GARDEN CITY, NY 11530

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK
INCORPORATED 1928
"I Appreciate the Fidelity Difference"
Member New York State Land Title Association

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2003030301161001002S7ACE

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2003030301161001 Document Date: 09-23-2002 Preparation Date: 03-03-2003
Document Type: DEED, OTHER

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
RP - 5217 REAL PROPERTY TRANSFER REPORT	1

REMARKS:
copy of trust agreement for exhibitonly

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | | / | / | (Month / Day / Year)

C3. Book OR C5. CRFN | | C4. Page | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

(Rev11/2002)

PROPERTY INFORMATION

1. Property Location: 171-173 (STREET NUMBER) | Bayard Street (STREET NAME) | Brooklyn, NY (BOROUGH) | (ZIP CODE)

2. Buyer Name: Underweiser, (LAST NAME / COMPANY) | Tracy (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address — Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form): (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: | 1 | # of Parcels OR ■ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: | (FRONT FEET) X | (DEPTH) OR | (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ■

8. Seller Name: Underweiser, (LAST NAME / COMPANY) | Tracy (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ■ One Family Residential
B ■ 2 or 3 Family Residential
C ■ Residential Vacant Land
D ■ Non-Residential Vacant Land
E ■ Commercial
F ■ Apartment
G ■ Entertainment / Amusement
H ■ Community Service
I ■ Industrial
J ■ Public Service

SALE INFORMATION

10. Sale Contract Date: N/A (Month / Day / Year)

11. Date of Sale / Transfer: 9 / 23 / 02 (Month / Day / Year)

12. Full Sale Price: - 0 -

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale:

14. Check one or more of these conditions as applicable to transfer:

A ■ Sale Between Relatives or Former Relatives
B ■ Sale Between Related Companies or Partners in Business
C ■ One of the Buyers is also a Seller
D ■ Buyer or Seller is Government Agency or Lending Institution
E ■ Deed Type not Warranty or Bargain and Sale (Specify Below)
F ■ Sale of Fractional or Less than Fee Interest (Specify Below)
G ■ Significant Change in Property Between Taxable Status and Sale Dates
H ■ Sale of Business is Included in Sale Price
I ■ Other Unusual Factors Affecting Sale Price (Specify Below)
J ■ None

EX. Deed Pursuant to LWST

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: F4

16. Total Assessed Value (of all parcels in transfer): 32,112

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

BK 2720 | 43 & 44 |

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and I understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Tracey Underweiser | 12/26/-2
(BUYER SIGNATURE) | (DATE)

Tracy Underweiser, TTEE

160-71 (STREET NUMBER) | Willets Point Blvd. #E2 (STREET NAME (AFTER SALE))

Whitestone, (CITY OR TOWN) | N Y (STATE) | 11357 (ZIP CODE)

BUYER'S ATTORNEY

Brancato, (LAST NAME) | Louis J. (FIRST NAME)

(516) (AREA CODE) | 222-2800 (TELEPHONE NUMBER)

SELLER

Tracey Underweiser | 12-26-0-
(SELLER SIGNATURE) | (DATE)

Tracy Underweiser Co-Ex.

ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road. Ridge, New York 11961
Phone: 631.504.6000 Fax: 631.924.2870

December 10, 2013

Ms. Rena Bryant
Records Access Officer
New York City Department of Health
125 Worth Street
Room 609, CN 31
New York, New York 10013

Re: Freedom of Information Request
171-173 Bayard Street
Block 2720, Lot Nos. 43 and 44
Brooklyn, New York 11222

Dear Ms. Bryant:

Our firm has been retained to prepare an Environmental Assessment for the above-referenced properties.

We are respectfully requesting information regarding any flammable storage permits, chemical or petroleum storage, spills, registered above or underground storage tanks, air discharge permits, investigations of environmental concern (e.g. asbestos, lead paint), etc. for the facility.

We agree with the department's decision to omit any health or personal identification in records provided.

If you require additional information to respond to this request or if there are costs associated with same, please do not hesitate to contact me. Thank you for your cooperation.

Sincerely,

Environmental Business Consultants

Dominick Mosca
Environmental Scientist

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Fire Records Section

9 MetroTech Center

Brooklyn, New York 11201-3857

(718) 999-2681 or 2682

Violation Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

OFFICE USE ONLY

_____

Cashier / Search No.

PRU Staff

Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

September 5, 2012

Date

Environmental Business Consultants

Name

1808 Middle Country Road

Address

Ridge, NY 11961

Borough, State Zip Code

(631) 504-6000

Telephone Number

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the NYC Fire Department and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. DO NOT MAIL CASH.

SECTION B REQUEST VIOLATION REPORT FEE $10.00 / PER REPORT

Please print the required information below.

374 Sumner Avenue (a.k.a., Brooklyn

House No Street Name Borough

☑ **EXISTING- ALL NOTICES OF VIOLATION AND VIOLATION ORDERS ISSUED BY THE FIRE PREVENTION**

☐ **EXISTING- ALL SUMMONSES**

Note: This search is limited to outstanding Summonses, Notices of Violation and Violation Orders (VOs) that are reported to be related to a specific address. With respect to VOs this search is limited to VOs issued on January 1, 2008 or thereafter. This search does not contain information on VOs issued by fire companies, unless they were forwarded to the Bureau of Fire Prevention. A requested report will only list the violation numbers. After you have received the Report, you can obtain a copy of any record available for an additional fee of $0.25 (cents) / per page by filling out the copy of violation request form.

Note: Requests will be responded to within 10 business days.

PR4 (April-09)

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

Environmental Business Consultants
Name

1808 Middle Country Road
Address

Ridge, NY 11961
State Zip Code

631-504-6000
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the **NYC Fire Department and a stamped self-addressed envelope (with postage).** Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH**.

SECTION B **FUEL TANK REPORT - FEE $10.00 / PER REPORT**

171, 173 Bayard Street Brooklyn
House Number Street Name Borough

- [ ] **THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS**
- [ ] **THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS**
- [ ] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS**
- [ ] **MOST RECENT TANK / PIPING TEST RESULTS**
- [X] **HISTORY OF BURIED TANKS LEAKS**

Note: Requests will be responded to within 10 business days.

ANEL 0204

$^{5}89^{000m}$E

e National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000

FEET

ME

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0202F

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
NEW YORK,
NEW YORK
BRONX, RICHMOND, NEW YORK,
QUEENS, AND KINGS COUNTIES

PANEL 202 OF 457

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NEW YORK, CITY OF	360497	0202	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
3604970202F

MAP REVISED
SEPTEMBER 5, 2007

Federal Emergency Management Agency

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NYC Department of Buildings

Overview for Complaint #:3383906 = RESOLVED

Complaint at: 173 BAYARD STREET **BIN: 3067867** **Borough: BROOKLYN** **ZIP: 11222**

Re: CONST WORK W/O PERMIT POSTED; INSTALLED WINDOWS/STRUCTURETO BACK OF 1 STORY ROOF FACTORY GARAGE; STRUCTURE NOT VISIBLEFROM ST; TELEPHONE BOX ON BACK OF BLDG

Category Code: 45 ILLEGAL CONVERSION

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE **Priority:** B

Received: 07/14/2011 09:36 **Block:** 2720 **Lot:** 43 **Community Board:** 301

Owner: UNDERSEISER, TRACY

Last Inspection: 08/11/2011 - - BY BADGE # 2251
Disposition: 08/19/2011 - A8 - ECB VIOLATION SERVED
Comments: STRUCTURE CREATED ON ROOF WINDOW INSTALLE ON LOT LINE
DOB Violation #: 081111C01SH01
ECB Violation #s: 34917249L

Complaint Disposition History

Disposition Date	Disposition Code	Disposition	Inspection By	Date

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.

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Overview for Complaint #:3331137 = CLOSED

Complaint at: 173 BAYARD STREET **BIN: 3067867** **Borough: BROOKLYN** **ZIP: 11222**

Re: ILLEGAL CONSTRUCTION IS OCCURING WITHIN THE GIVEN LOCATION CLR STS THAT THERE ARE NO VISIBLE PERMITS

Category Code: 05 PERMIT - NONE (BUILDING/ PA/ DEMO ETC.)

DOB District: N/A

Assigned To: BROOKLYN BOROUGH OFFICE **Priority:** B

Received: 01/28/2010 20:42 **Block:** 2720 **Lot:** 43 **Community Board:** 301

Owner: UNDERSEISER, TRACY

Last Inspection: 03/01/2010 - - BY BADGE # 2333
Disposition: 03/09/2010 - C2 - INSPECTOR UNABLE TO GAIN ACCESS - 2ND ATTEMPT
Comments: NO ACCESS,LS-4 POSTED

Complaint Disposition History

Disposition Date	Disposition Code	Disposition	Inspection By	Date
02/19/2010	C1	INSPECTOR UNABLE TO GAIN ACCESS - 1ST ATTEMPT - NO RESPONSE TO KNOCKS @ DOOR, LS4 POSTED	2374	02/18/2010
03/09/2010	C2	INSPECTOR UNABLE TO GAIN ACCESS - 2ND ATTEMPT - NO ACCESS,LS-4 POSTED	2333	03/01/2010

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.

Legend

Transit, Roads, Reference Features

Roads, ferries, commuter rail, neighborhood names

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

Parks, Playgrounds, & Open Space

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

Land Use

Block/Lot Boundaries

(Building footprints in gray)

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

Location Report

Property Information (1)

173 BAYARD STREET, BROOKLYN 11222

Industrial / Manufacturing

Owner: UNDERSEISER, TRACY
Block: 2720 **Lot:** 43
Property Characteristics:
Lot Area: 2,050 sq ft (20.5' x 100')
# of Buildings: 1 **Year built:** 1930
# of floors: 1 **Building Area:** 2,000 sq ft
Total Units: 1 **Residential Units:** 0
Primary zoning: R6B **Commercial Overlay:** None
Floor Area Ratio: 0.98 **Max. FAR:** 2
FAR may depend on street widths or other characteristics. Contact City Planning Dept. for latest information.
MORE INFO:

- **Zoning Map#:** 13a (how to read NYC zoning maps)
- **Historical Zoning Maps:** 13a
- NYC Dept. of Buildings
- Property transaction records
- NYC Dept. of Finance Assessment Roll
- NYC Digital Tax Map
- NYC zoning guide
- NYC Watershed Resources

OASIS shortcut to this property:
http://www.oasisnyc.net/printmap.aspx?zoomto=lot:3027200043

NYC Department of City Planning Census Factfinder

Find all census tracts within 0.25 mile(s) Go

YAHOO! Local search results for this address:

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

Stewards (4)

Habitatmap
Feedback? Email Us.
North Brooklyn Compost Project
Feedback? Email Us.
Open Space Alliance of North Brooklyn (OSA)
Feedback? Email Us.
St. Nicholas NPC
Feedback? Email Us.

Stewards with large turfs (not mapped)

Community District (1)

Brooklyn 1 Community District Information
Chairperson: Mr. Vincent V. Abate
District Manager: Mr. Gerald A. Esposito
Address: 435 Graham Avenue, Brooklyn, NY, 11211
Phone: 718-389-0009 **Email:** bk01@cb.nyc.gov
Website: http://www.cb1brooklyn.org/
Meeting Information:
Go to District Profile by NYC Dept. of City Planning

Political Districts (5)

NYC Council: District 33
NYS Assembly: District 50
NYS Senate: District 17
US House of Representatives: District 12
US Senate: New York

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NYC Department of Buildings

Job Overview

Premises: 173 BAYARD STREET BROOKLYN **BIN: 3067867 Block: 2720 Lot: 43**

To start overview at new date, select Month: Day: Year:

Show All BIS Job Types | Show All Filings | APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
04/28/2010	320150171	01	A1	J P/E DISAPPROVED	08/24/2010	0030307 RA	MANDARA		NOT APPLICABLE
	JOB WITHDRAWN 02172011 INTERIOR RENOVATIONS FOR CHANGE OF USE FROM A FACTO								
	Work on Floor(s): CEL,001,002,ATT								
07/05/2011	320332742	01	A1	J P/E DISAPPROVED	07/21/2011	0030307 RA	MANDARA		NOT APPLICABLE
	INTERIOR RENOVATIONS FOR CHANGE OF USE FROM A FACTORY STORAGE BUILDING TO								
	Work on Floor(s): 001								

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.

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

DOB Violations

Premises: 173 BAYARD STREET BROOKLYN **BIN: 3067867** **Block: 2720** **Lot: 43**

NUMBER	TYPE	FILE DATE
V* 2565/173COLLIGAN6-060761	DOB VIOLATION - CLOSED	00/00/0000
CLOSURE DATE: 09/28/2011		
V* 3927/177BARILLA8/-092364	DOB VIOLATION - CLOSED	00/00/0000
CLOSURE DATE: 09/28/2011		
V* 751/171-73LEVINE1-022665	DOB VIOLATION - CLOSED	00/00/1917
CLOSURE DATE: 09/28/2011		

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.

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Actions

Premises: 173 BAYARD STREET BROOKLYN **BIN: 3067867** **Block: 2720** **Lot: 43**

NUMBER	TYPE	FILE DATE
ALT 3032-177-120364	ALTERATION	00/00/1917
APPL ICATIONWITHDRAWN		00/00/0000
BDO 4-26-55BUL18-052355		00/00/1926
MIS 1972-177-120364	MISCELLANEOUS	00/00/1917
NB 1150-173-89CBL-091453	NEW BUILDING	00/00/1917
V* 2565/173COLLIGAN6-060761	DOB VIOLATION - CLOSED	00/00/0000
CLOSURE DATE: 09/28/2011		
V* 3927/177BARILLA8/-092364	DOB VIOLATION - CLOSED	00/00/0000
CLOSURE DATE: 09/28/2011		
V* 751/171-73LEVINE1-022665	DOB VIOLATION - CLOSED	00/00/1917
CLOSURE DATE: 09/28/2011		
VOLV 40COL155-54-BZNB1150-		00/00/1954
WITH 0-030265		00/00/1903
VECL 081111C01SH01	VIOLATION ECB LIEN - ACTIVE	08/11/2011

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- Tennis/Basketball/Handball Courts & Tracks
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Block/Lot Boundaries

(Building footprints in gray)

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

Location Report

Property Information (1)

171 BAYARD STREET, BROOKLYN 11222

Industrial / Manufacturing

Owner: UNDERSEISER, TRACY
Block: 2720 **Lot:** 44
Property Characteristics:
Lot Area: 2,050 sq ft (20.5' x 100')
# of Buildings: 1 **Year built:** 1930
# of floors: 1 **Building Area:** 2,000 sq ft
Total Units: 1 **Residential Units:** 0
Primary zoning: R6B **Commercial Overlay:** None
Floor Area Ratio: 0.98 **Max. FAR:** 2
FAR may depend on street widths or other characteristics. Contact City Planning Dept. for latest information.
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- NYC Digital Tax Map
- NYC zoning guide
- NYC Watershed Resources

OASIS shortcut to this property:
http://www.oasisnyc.net/printmap.aspx?zoomto=lot:3027200044

NYC Department of City Planning Census Factfinder

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YAHOO! Local search results for this address:

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Stewards (4)

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Feedback? Email Us.
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Feedback? Email Us.

Stewards with large turfs (not mapped)

Community District (1)

Brooklyn 1 Community District Information
Chairperson: Mr. Vincent V. Abate
District Manager: Mr. Gerald A. Esposito
Address: 435 Graham Avenue, Brooklyn, NY, 11211
Phone: 718-389-0009 **Email:** bk01@cb.nyc.gov
Website: http://www.cb1brooklyn.org/
Meeting Information:
Go to District Profile by NYC Dept. of City Planning

Political Districts (5)

NYC Council: District 33
NYS Assembly: District 50
NYS Senate: District 17
US House of Representatives: District 12
US Senate: New York

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NYC Department of Buildings

Job Overview

Premises: 171 BAYARD STREET BROOKLYN **BIN: 3067868 Block: 2720 Lot: 44**

To start overview at new date, select Month: Day: Year:

Show All BIS Job Types | Show All Filings | APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
07/30/1991	**300113972**	01	A2	R PERMIT-ENTIRE	10/01/1991	0016162 RA	TURNER		NOT APPLICABLE

NEW OVEN AND EXHAUST AT FIRST FLOOR TACO FOOD PRODUCTS FACTORY, NO CHANG

Work on Floor(s): 1ST

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

Job Overview

ARA / LAA Job Overview

Premises: 171 BAYARD STREET BROOKLYN **BIN: 3067868 Block: 2720 Lot: 44**

To start overview at new date, select Month: **Day:** **Year:** APPLY

FILE DATE	JOB #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT
11/21/2012	340025831	PR	I LAA SIGNED OFF	12/19/2012	MP 001278	FRIEDMAN

FURNISH AND INSTALL NEW GAS METER BAR,GAS RISER AND 1 NEW MODINE PDP 200 V

Work on Floor(s): 001

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NYC Department of Buildings

DOB Violations

Premises: 171 BAYARD STREET BROOKLYN **BIN: 3067868** **Block: 2720** **Lot: 44**

NUMBER	TYPE	FILE DATE
V* 2564/171COLLEYAN6-060761	DOB VIOLATION - DISMISSED	00/00/0000
V* 751/171-3LEVINE11-022665	DOB VIOLATION - DISMISSED	00/00/1917

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

Property Profile Overview

171 BAYARD STREET **BROOKLYN 11222** **BIN# 3067868**

BAYARD STREET 171 - 171

Health Area	: 200	**Tax Block**	: 2720
Census Tract	: 499	**Tax Lot**	: 44
Community Board	: 301	**Condo**	: NO
Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

Cross Street(s):	GRAHAM AVENUE, BQE WB EN MC GUINNESS BLVD S		
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	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	3067867		
Additional Designation(s):	GW - GREENPOINT-WILLIAMSBURG ANTI-HARASSMENT		

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: F4-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	2	0
Violations-ECB (DOB)	0	0
Jobs/Filings	1	
ARA / LAA Jobs	1	
Total Jobs	2	
Actions	13	

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

Actions

Premises: 171 BAYARD STREET BROOKLYN **BIN: 3067868 Block: 2720 Lot: 44**

NUMBER		TYPE	FILE DATE
ALT 3073(NEWWALLSIN-032935		ALTERATION	00/00/1903
ALT 3675-052035		ALTERATION	00/00/1905
ALT 1876-171-173DOC98-051255		ALTERATION	00/00/1917
ALTA 3675-35			00/00/1935
ALTA 1876-55			00/00/1955
CERT 164024-011459	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1901
CERT 76253-080235	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1908
CERT 48049-112627	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1911
MIS 2334-171-3-051858		MISCELLANEOUS	00/00/1917
NB 15889-082527		NEW BUILDING	00/00/1908
NB 12210-092127		NEW BUILDING	00/00/1909
NBNB 12210-27			00/00/1927
PRS 84-011255		PLUMBING REPAIR SLIP	00/00/1901
V* 2564/171COLLEYAN6-060761		DOB VIOLATION - DISMISSED	00/00/0000
V* 751/171-3LEVINE11-022665		DOB VIOLATION - DISMISSED	00/00/1917

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.

APPENDIX C

SANBORN MAPS

171 Bayard Street
171 Bayard Street
Brooklyn, NY 11222

Inquiry Number: 3787737.3
November 18, 2013

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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

Certified Sanborn® Map Report

11/18/13

Site Name:
171 Bayard Street
171 Bayard Street
Brooklyn, NY 11222

Client Name:
Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961

EDR Inquiry # 3787737.3

Contact: Kevin Brussee

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Env. Business Consultants were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 171 Bayard Street
Address: 171 Bayard Street
City, State, Zip: Brooklyn, NY 11222
Cross Street:
P.O. # NA
Project: NA
Certification # E20C-4D31-961C

Maps Provided:

2007	2001	1988	1980	1916
2006	1996	1987	1979	1905
2005	1995	1986	1978	1887
2004	1993	1983	1965	
2003	1991	1982	1951	
2002	1989	1981	1942	

Sanborn® Library search results
Certification # E20C-4D31-961C

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

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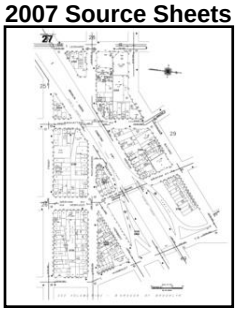
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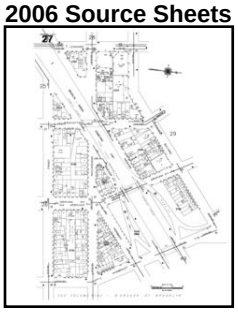
2006 Source Sheets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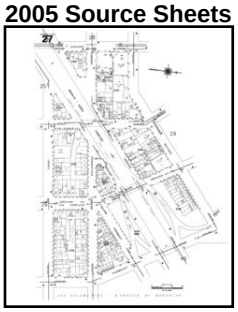
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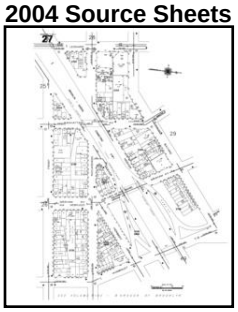
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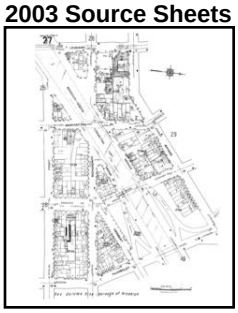

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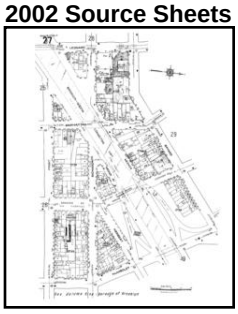

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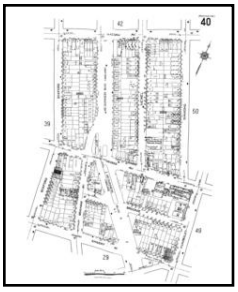

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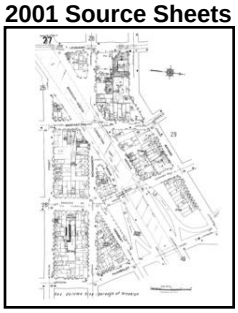

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1996 Source Sheets

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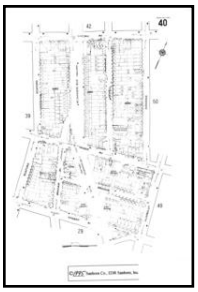

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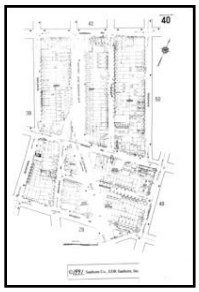

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1988 Source Sheets

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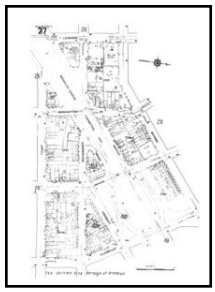

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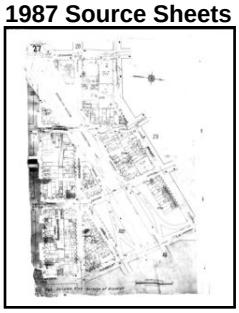

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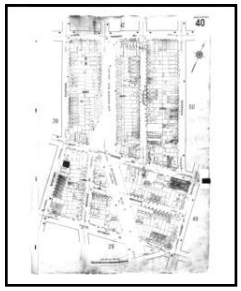

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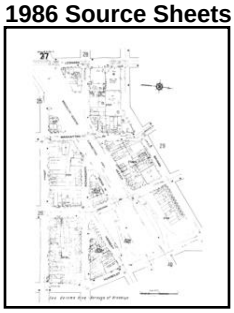

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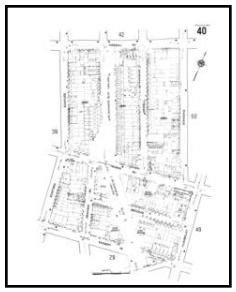

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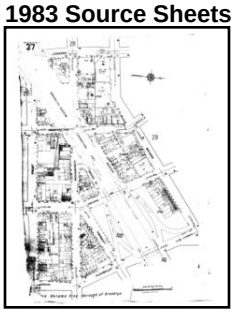

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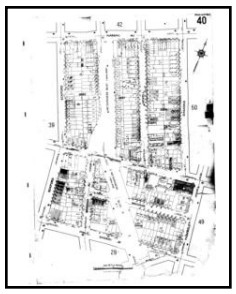

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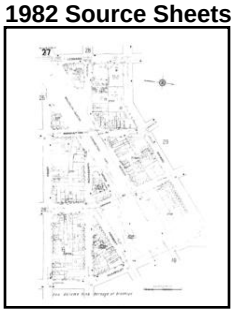

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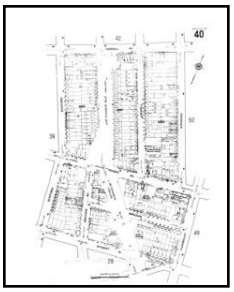

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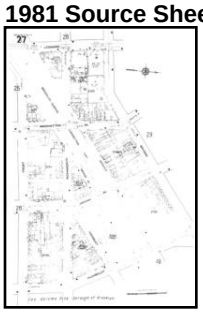

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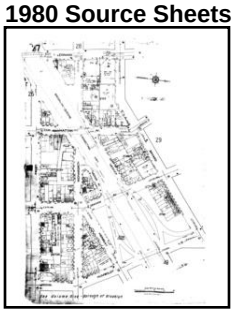

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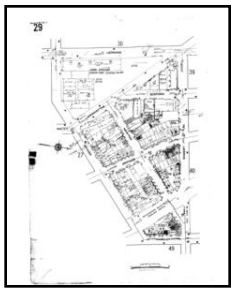

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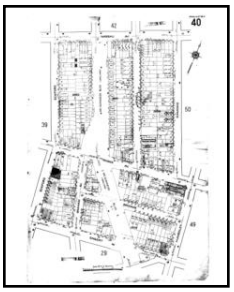

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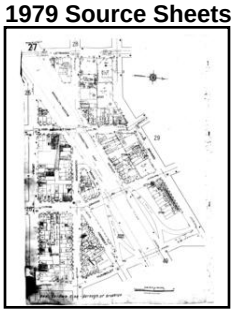
1979 Source Sheets



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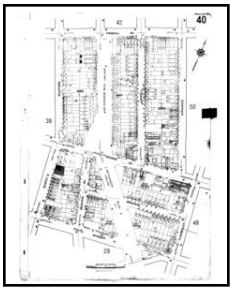

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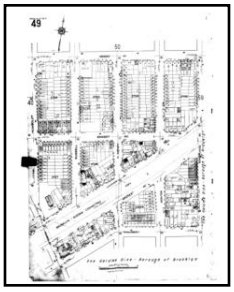

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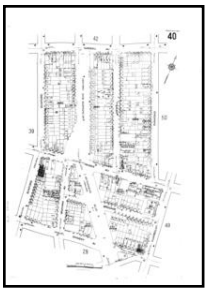

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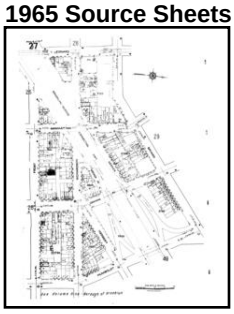

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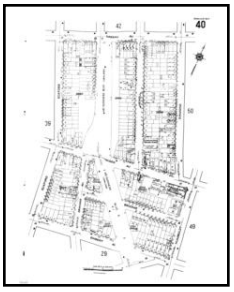

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1951 Source Sheets

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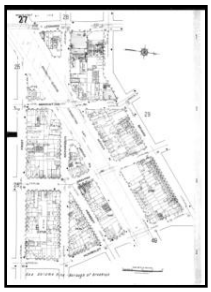

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1942 Source Sheets

Volume 4, Sheet 49

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Volume 4, Sheet 29

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1916 Source Sheets

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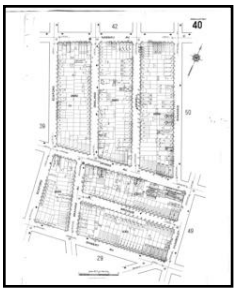

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1905 Source Sheets

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1887 Source Sheets

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2007 Certified Sanborn Map

Certification # E20C-4D31-961C

Site Name:	171 Bayard Street
Address:	171 Bayard Street
City, ST, ZIP:	Brooklyn NY 11222
Client:	Env. Business Consultants
EDR Inquiry:	3787737.3
Order Date:	11/18/2013 3:18:01 PM
Certification #	E20C-4D31-961C
Copyright:	2007

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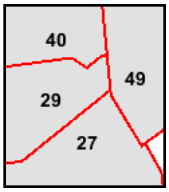

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0 Feet 150 300 600

N

2006 Certified Sanborn Map

Certification # E20C-4D31-961C

Site Name:	171 Bayard Street
Address:	171 Bayard Street
City, ST, ZIP:	Brooklyn NY 11222
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EDR Inquiry:	3787737.3
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Copyright:	2006

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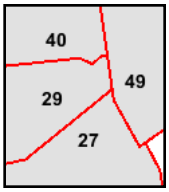
0 Feet 150 300 600



Volume 4, Sheet 27
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N

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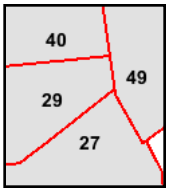

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0 Feet 150 300 600

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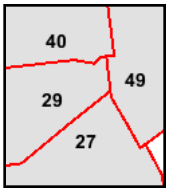

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2003 Certified Sanborn Map

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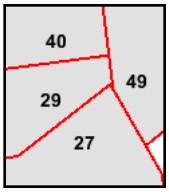

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0 Feet 150 300 600

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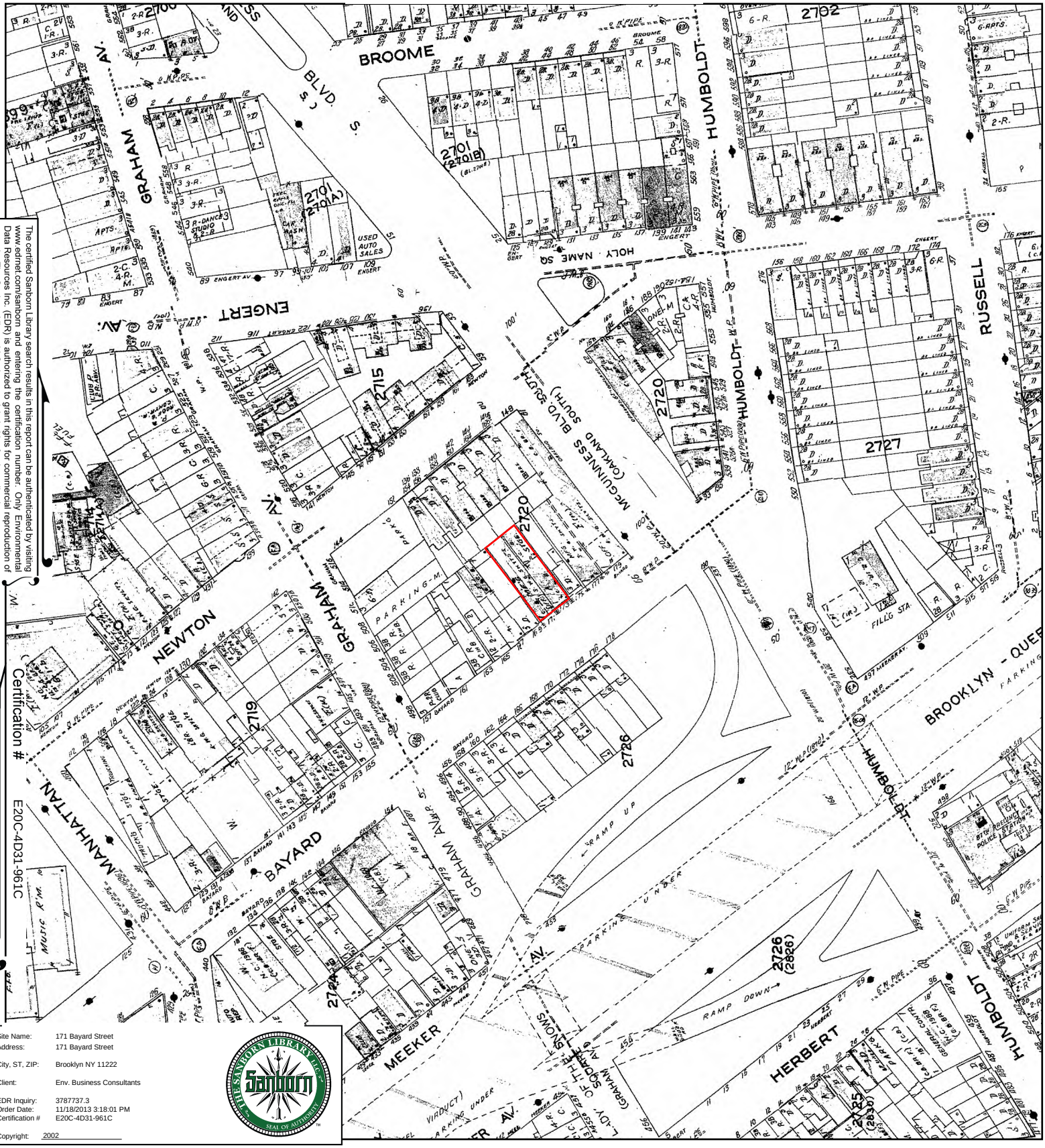

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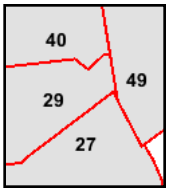

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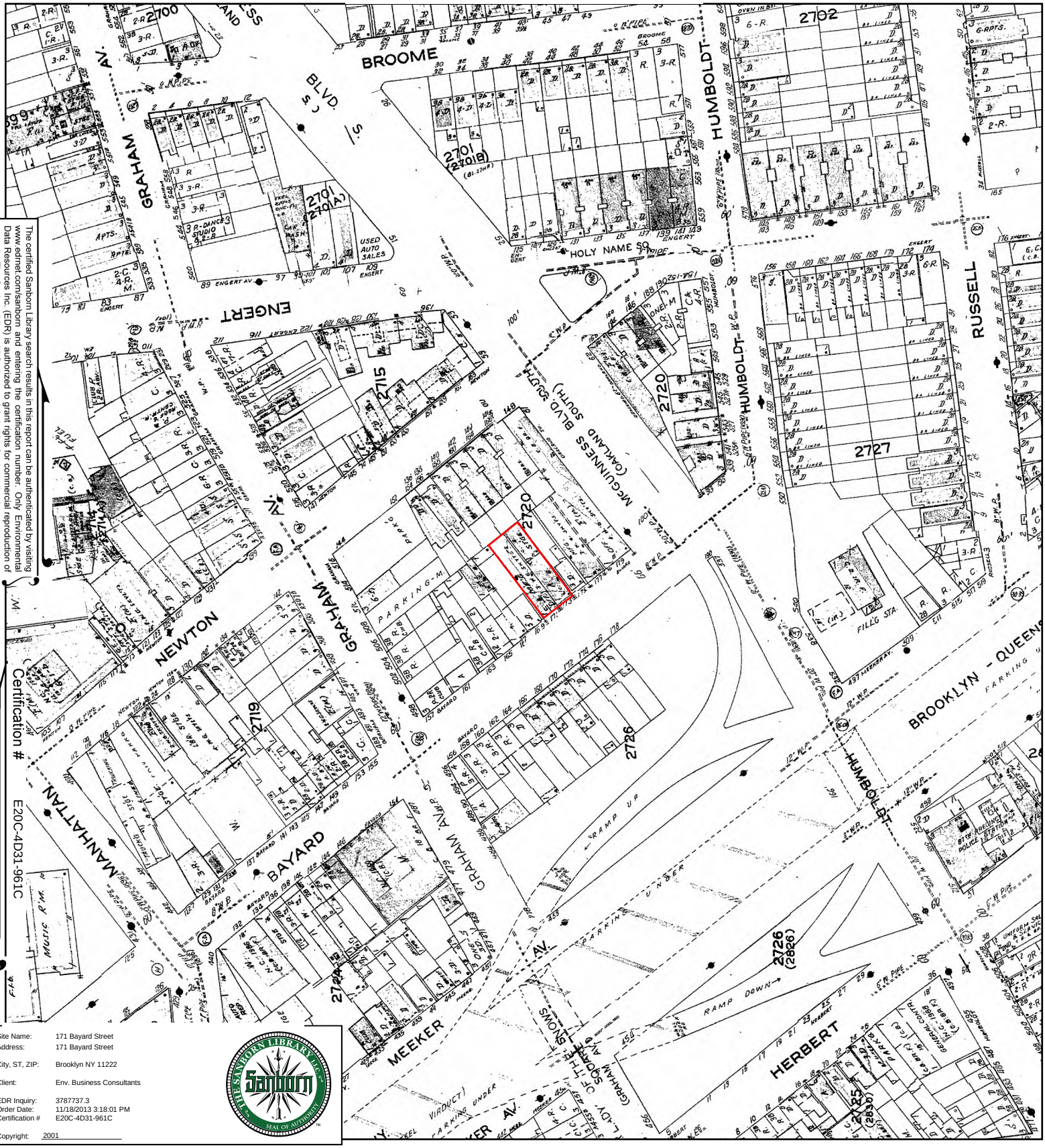

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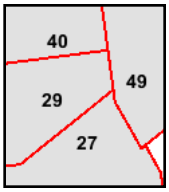

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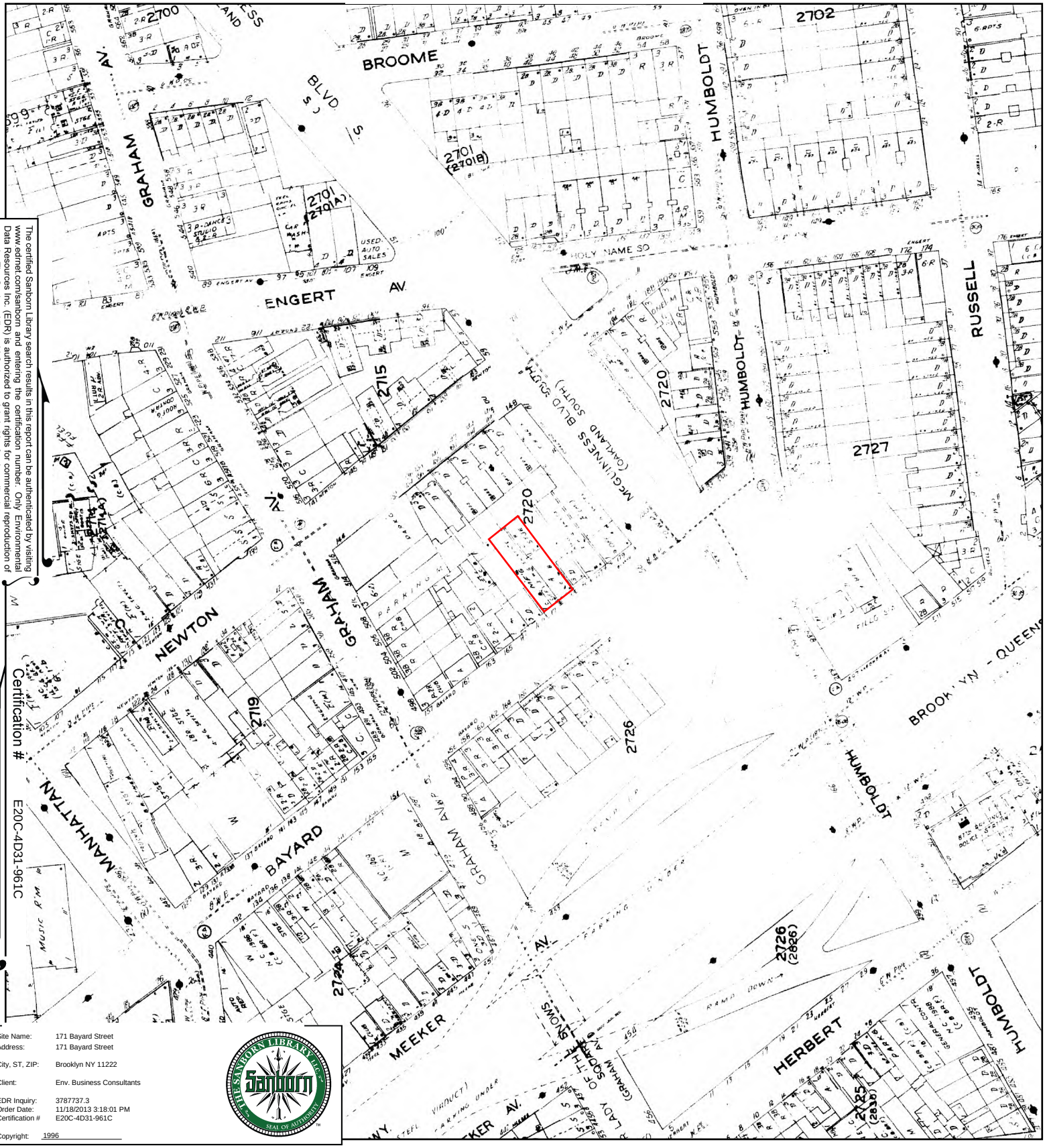

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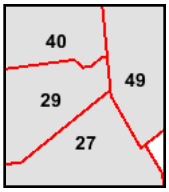

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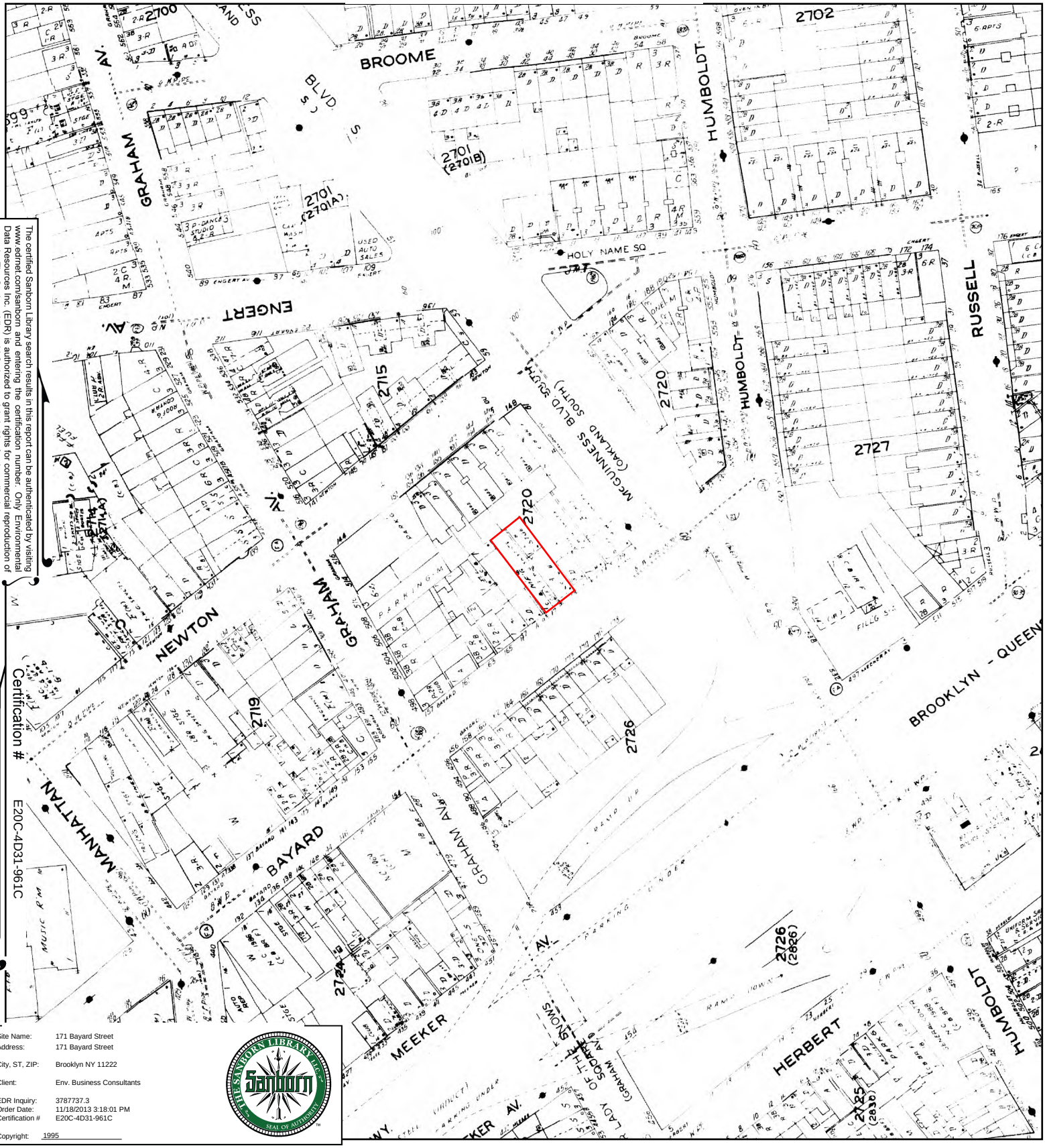

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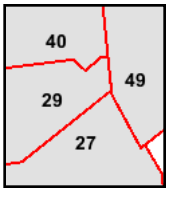

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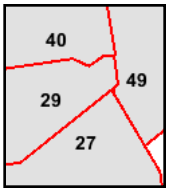

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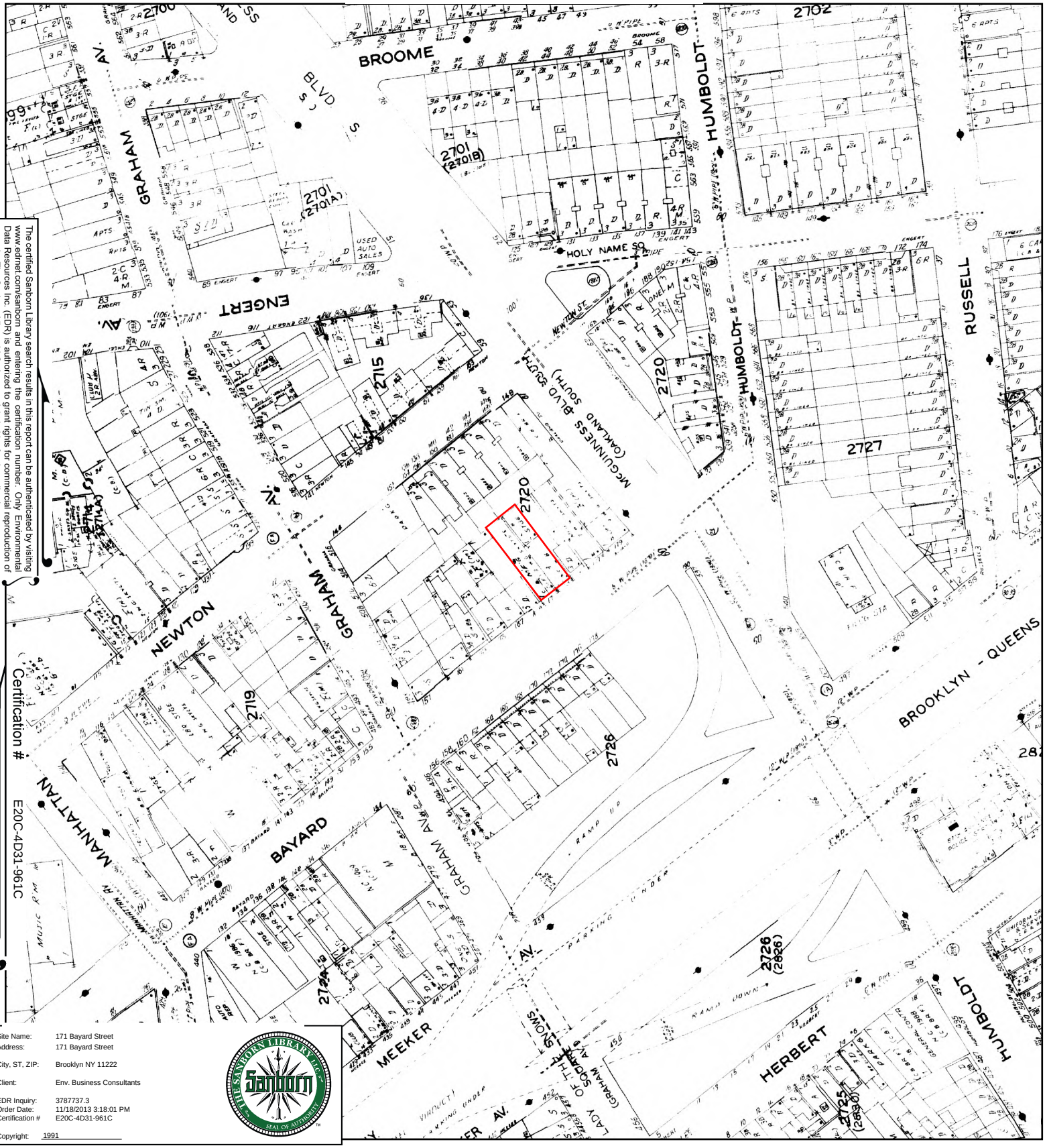

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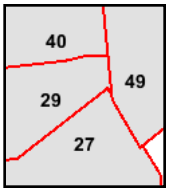

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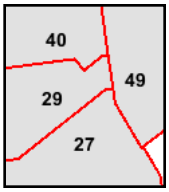

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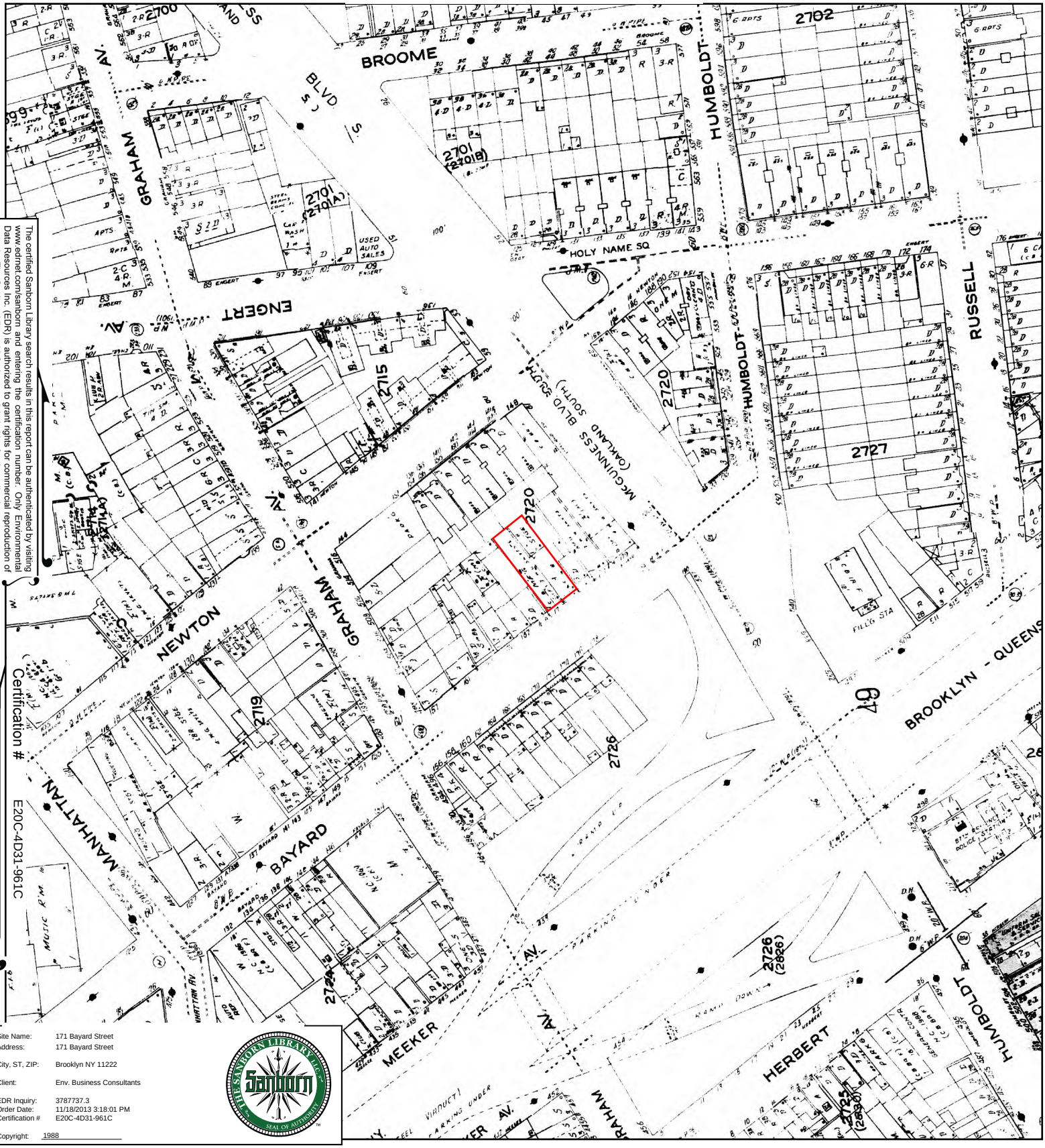
1988 Certified Sanborn Map



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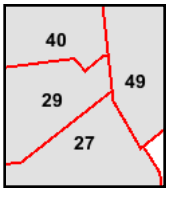

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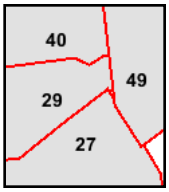

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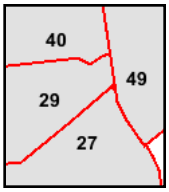

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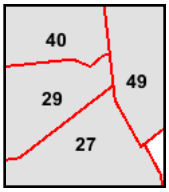

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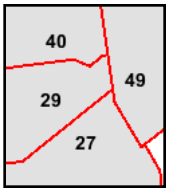

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1981 Certified Sanborn Map

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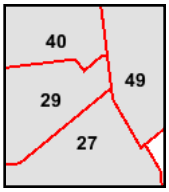

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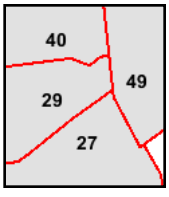

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1979 Certified Sanborn Map

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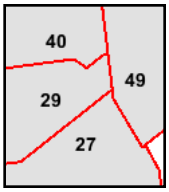

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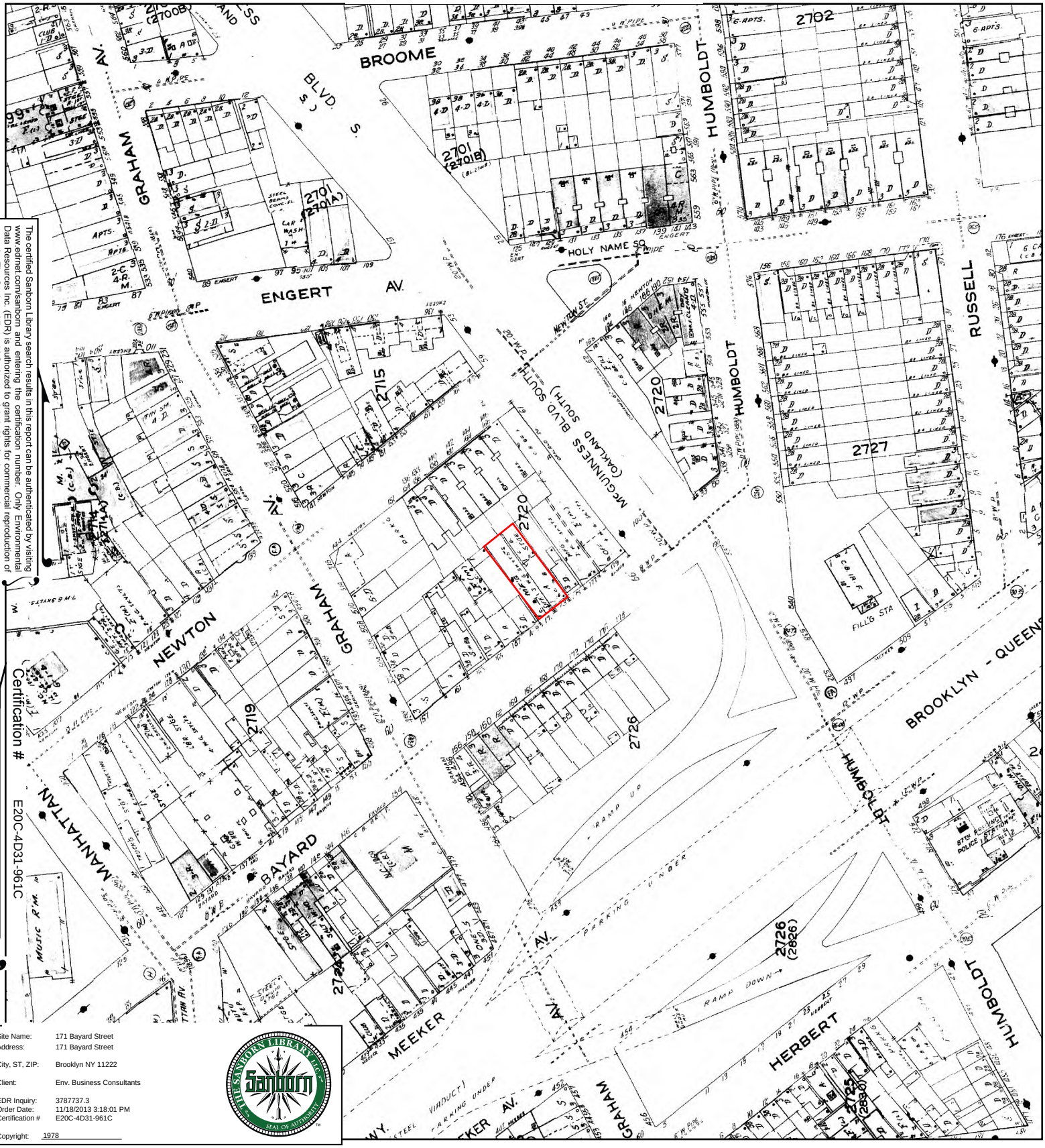

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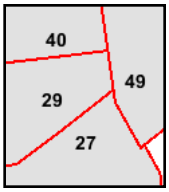

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1965 Certified Sanborn Map

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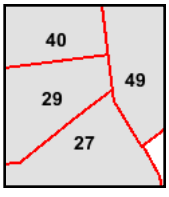

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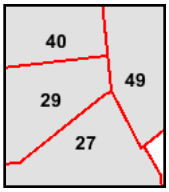

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1942 Certified Sanborn Map

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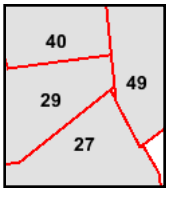

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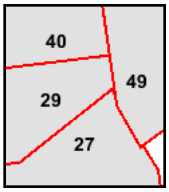
1916 Certified Sanborn Map

Certification # E20C-4D31-961C

Site Name:	171 Bayard Street
Address:	171 Bayard Street
City, ST, ZIP:	Brooklyn NY 11222
Client:	Env. Business Consultants
EDR Inquiry:	3787737.3
Order Date:	11/18/2013 3:18:01 PM
Certification #	E20C-4D31-961C
Copyright:	1916

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 4, Sheet 27
Volume 4, Sheet 29
Volume 4, Sheet 40
Volume 4, Sheet 49

0 Feet 150 300 600

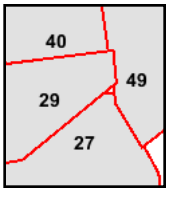
N

1905 Certified Sanborn Map

Certification # E20C-4D31-961C

Site Name:	171 Bayard Street
Address:	171 Bayard Street
City, ST, ZIP:	Brooklyn NY 11222
Client:	Env. Business Consultants
EDR Inquiry:	3787737.3
Order Date:	11/18/2013 3:18:01 PM
Certification #	E20C-4D31-961C
Copyright:	1905

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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Volume 4, Sheet 29
Volume 4, Sheet 40
Volume 4, Sheet 49

0 Feet 150 300 600

N

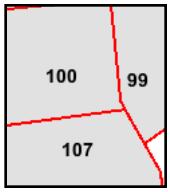
1887 Certified Sanborn Map

Certification # E20C-4D31-961C

Site Name:	171 Bayard Street
Address:	171 Bayard Street
City, ST, ZIP:	Brooklyn NY 11222
Client:	Env. Business Consultants
EDR Inquiry:	3787737.3
Order Date:	11/18/2013 3:18:01 PM
Certification #	E20C-4D31-961C
Copyright:	1887

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



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Volume 4, Sheet 100
Volume 4, Sheet 107

N

APPENDIX D

HISTORIC CITY DIRECTORY SEARCH

171 Bayard Street
171 Bayard Street
Brooklyn, NY 11222

Inquiry Number: 3787737.5
November 18, 2013

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

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

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	*Source*	*TP*	*Adjoining*	*Text Abstract*	*Source Image*
2013	Cole Information Services	X	X	X	-
2008	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Corporation	X	X	X	-
2000	Cole Information Services	X	X	X	-
1997	NYNEX	X	X	X	-
1992	NYNEX Informantion Resource Co.	X	X	X	-
1985	NYNEX Information Resources Company	X	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1965	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone Company	-	X	X	-
1949	New York Telephone	X	X	X	-
1945	New York Telephone	X	X	X	-
1940	New York Telephone	X	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1928	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
173 bayard street	Client Entered	X
175 Bayard Street	Client Entered	X
169 Bayard Street	Client Entered	X
177 Bayard Street	Client Entered	X
167 Bayard Street	Client Entered	
179 Bayard Street	Client Entered	X
181 Bayard Street	Client Entered	X
183 Bayard Street	Client Entered	
165 Bayard Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

171 Bayard Street
Brooklyn, NY 11222

FINDINGS DETAIL

Target Property research detail.

BAYARD

171 BAYARD

Year	Uses	Source
1992	INOVA TECHNOLOGIES INC	NYNEX Informantion Resource Co.
1985	COMMERCIAL SYRUP INC	NYNEX Information Resources Company
1976	COMMERCIAL SYRUP INC	New York Telephone

BAYARD ST

171 BAYARD ST

Year	Uses	Source
2013	PARTNERS & OTHERS	Cole Information Services
2008	DUAL TILT WINDOW & DOOR MFG	Cole Information Services
2005	Accurate Contracting Corp	Hill-Donnelly Corporation
2000	TRUST GT & IRON INC	Cole Information Services
1997	Trust Gale & Iron Works Inc	NYNEX
1973	COMMERCIAL SYRUP INC	New York Telephone
1970	COMMERCIAL SYRUP INC	New York Telephone
1949	Oswald Anton wdwk	New York Telephone
1945	De Angelis Frank	New York Telephone
	Super Coal & Oil	New York Telephone
1940	Benit Louis coal	New York Telephone
	De Angelis Frank b	New York Telephone
	Super Coal & Oil	New York Telephone

173 BAYARD ST

Year	Uses	Source
2008	DUAL GLASS	Cole Information Services
2005	h Do Cuong Chi	Hill-Donnelly Corporation
2000	J WAREHOUSE	Cole Information Services

FINDINGS

bayard street

173 bayard street

Year	Uses	Source
2005	h Do Cuong Chi	Hill-Donnelly Corporation
2000	J WAREHOUSE	Cole Information Services

BAYRD st

171 BAYRD st

Year	Uses	Source
1973	Deutsch M flavrg extrcts	New York Telephone
	PURE MAID SYRUP CORP	New York Telephone
1970	PURE MAID SYRUP CORP	New York Telephone

BAYRD St

171 BAYRD St

Year	Uses	Source
1965	Deutsch M flavrg extrcts	New York Telephone
	Pure Maid Syrup Corp	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BAYARD

166 BAYARD

Year	Uses	Source
1992	LASKER RICHARD	NYNEX Informantion Resource Co.
1985	TURNER NORA	NYNEX Information Resources Company
	LYNCH KELLY	NYNEX Information Resources Company
	LYNCH JOHN STEEL DRUMS	NYNEX Information Resources Company
1980	KATT HERBERT W MRS	New York Telephone
1934	TORRE ANTHONY SWEEPER H	R. L. Polk & Co.
	TORRE FRANK FCTYWKR R	R. L. Polk & Co.
	TORRE ALBERT HLPR R	R. L. Polk & Co.
	FINELLI ALBERT LAB H	R. L. Polk & Co.

168 BAYARD

Year	Uses	Source
1985	TORRE CARMINE	NYNEX Information Resources Company
1934	RENO JOHN TINSMITH R	R. L. Polk & Co.
	SISTO RAPHAEL H	R. L. Polk & Co.
	ARENARE JOHN FCTY WKR H	R. L. Polk & Co.
	IIACONILNO PETER OPR H	R. L. Polk & Co.

169 BAYARD

Year	Uses	Source
1992	GALLAGHER MARY F	NYNEX Informantion Resource Co.
	LUPOLI THOS	NYNEX Informantion Resource Co.
1985	BOR-DARSEN INC	NYNEX Information Resources Company
	LUPOLI THOS	NYNEX Information Resources Company
1980	NOLAN EDWARD T	New York Telephone
1976	CANDELLI JOS	New York Telephone
	LUPOLI THOS	New York Telephone
1960	CANDELLI JOS	New York Telephone
1934	GOZZER JAS H	R. L. Polk & Co.
	GRAAF JAS	R. L. Polk & Co.
	ISTEL ELIZ MRS H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	LIETO FRANCES H	R. L. Polk & Co.
	LIETO JOHN PDLR R	R. L. Polk & Co.

170 BAYARD

Year	Uses	Source
1992	FUREY C	NYNEX Informantion Resource Co.
	BABINO CATHERINE	NYNEX Informantion Resource Co.
1985	FUREY C	NYNEX Information Resources Company
	MILAUCKAS JOHN P	NYNEX Information Resources Company
1976	DELLAROSA G	New York Telephone
1934	DELLROSA ANGELO ST CLNR DEPT SANITA H	R. L. Polk & Co.
	BABBINO SALVATORE SWEEPER H	R. L. Polk & Co.
	BABBINO ROCCO STUDENT R	R. L. Polk & Co.
	BABBINO CONO CHAUF R	R. L. Polk & Co.

172 BAYARD

Year	Uses	Source
1992	JUST CASH & TAX INC	NYNEX Informantion Resource Co.
	BAYARD MECHANICAL CO INC	NYNEX Informantion Resource Co.
	CHASE RICHARD & RUTH	NYNEX Informantion Resource Co.
	DE ANGELIS L	NYNEX Informantion Resource Co.
	SUPER FUEL DIV CORP	NYNEX Informantion Resource Co.
1985	DEANGELIS JOSEPH	NYNEX Information Resources Company
	SUPER OIL & BURNER SVCE INC	NYNEX Information Resources Company
	SUPER OIL SALES CORP	NYNEX Information Resources Company
1980	SUPER OIL SALES CORP	New York Telephone
	SUPER OIL & BURNAR SVCE INC	New York Telephone
1976	PROTO M	New York Telephone
1934	DEANGELIS BENJ ICE DLR R	R. L. Polk & Co.
	DEANGELIS FRANK DLR H	R. L. Polk & Co.
	DEANGELIS GENNARO LAB H	R. L. Polk & Co.
	DEANGELIS SAML ICE DLR R	R. L. Polk & Co.
	DEBARRY JOHN H	R. L. Polk & Co.
	DIANGELIS FRANK V-PRES A B C COAL & COKE CORP R	R. L. Polk & Co.

174 BAYARD

Year	Uses	Source
1976	MCGINN M E	New York Telephone

FINDINGS

Year	Uses	Source
1934	CARL PRESSER H	R. L. Polk & Co.
	CHAS LAB R	R. L. Polk & Co.
	LAUNIEL CHAS R	R. L. Polk & Co.
	MICHL R	R. L. Polk & Co.
	JOHN PDLR R	R. L. Polk & Co.
	MICHL LAB R	R. L. Polk & Co.
	SEBASTION ST CLNR H	R. L. Polk & Co.

175 BAYARD

Year	Uses	Source
1992	ALVAREZ MARIA	NYNEX Informantion Resource Co.
1985	IANNACI MICHAEL	NYNEX Information Resources Company
1976	IANNACI MICHAEL	New York Telephone
	IANNACI MICHAEL	New York Telephone
1934	LARGO JAS CLK R	R. L. Polk & Co.
	LARGO GERARD CABT MKR H	R. L. Polk & Co.
	MAZZEO FRANK DRFTSMN R	R. L. Polk & Co.
	MAZZEO MARY R	R. L. Polk & Co.
	MAZZEO PATK DRFTSMN R	R. L. Polk & Co.
	LARGO EMILY STEN R	R. L. Polk & Co.
	LARGO ARTH CHAUF R	R. L. Polk & Co.
	GEIST WM LAB H	R. L. Polk & Co.
	LARGO LOUIS CLK H	R. L. Polk & Co.
1928	LARGO FRED R	New York Telephone

176 BAYARD

Year	Uses	Source
1934	JOHN H SLSMN H	R. L. Polk & Co.
	WILLIAMS MAY R STEN R	R. L. Polk & Co.

177 BAYARD

Year	Uses	Source
1992	STARCO CHEMICAL INC	NYNEX Informantion Resource Co.
1960	DE ANGELIS FRANK B	New York Telephone
1928	NATL SIGN HANGING CO	New York Telephone

178 BAYARD

Year	Uses	Source
1934	MANNI FRANK H	R. L. Polk & Co.
	DEGRAZIO LUCY FCTYWKR R	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	DEGRAZIO JOS H	R. L. Polk & Co.
	RUSSO LENA HLPR R	R. L. Polk & Co.

179 BAYARD

Year	Uses	Source
1992	NATL COML REFRIGRATN MFG CORP	NYNEX Informantion Resource Co.
1985	NATL COML REFRIGRATN MFG CORP	NYNEX Information Resources Company
1976	NATLCOML REFRIGRATN MFPG CORP	New York Telephone
	NATL COML REPRIGRATN MFG CORP	New York Telephone

180 BAYARD

Year	Uses	Source
1934	ROMANO ROSE OPR R	R. L. Polk & Co.
	TRUPIANO THOS ST CLNR H	R. L. Polk & Co.
	ROMANO PASQUALINA OPR R	R. L. Polk & Co.
	ROMANO MICHL LAB H	R. L. Polk & Co.
	ROMANO CHAS CHAUF R	R. L. Polk & Co.
	DICANDIO MARY FCTY WKR R	R. L. Polk & Co.

182 BAYARD

Year	Uses	Source
1934	BORNKAMP JOHN HLPR H	R. L. Polk & Co.
	LIEBLER ANTON HLPR R	R. L. Polk & Co.
	SPINNER HENRY CLK H	R. L. Polk & Co.
1928	BRODERICK JOHN J R	New York Telephone

184 BAYARD

Year	Uses	Source
1934	COTIGNOLA ANTONIE H	R. L. Polk & Co.
	TERRY WM J LAB H	R. L. Polk & Co.
	TERRY JOS CLK R	R. L. Polk & Co.
	TERRY JOHN R	R. L. Polk & Co.
	SCOTT MARTIN R	R. L. Polk & Co.
	MAKSYMOWITZ WM FCTY WKR H	R. L. Polk & Co.
	MAKSYMOWITZ HELEN OPR R	R. L. Polk & Co.
	CASTIGNOLA MARY PKR R	R. L. Polk & Co.
	CASTIGNOLA ANTHONY CHAUF H	R. L. Polk & Co.

FINDINGS

185 BAYARD

Year	Uses	Source
1934	TRUPIANO ANTHONY LAB R	R. L. Polk & Co.
	RUSSO LORETTA OPR R	R. L. Polk & Co.
	RUSSO CONCETTA R	R. L. Polk & Co.
	RUSSO ANTOIA MRS LAB H	R. L. Polk & Co.
	GUYDA CHAS PNTR H	R. L. Polk & Co.
	TRUPIANO JENNIE OPR R	R. L. Polk & Co.
	TRUPIANO THOS CITY EMP H	R. L. Polk & Co.
	TRUPIANO ROCCO JUNK DLR H	R. L. Polk & Co.

186 BAYARD

Year	Uses	Source
1934	TURNER KATE L H	R. L. Polk & Co.
	PICUS STAN LAB H	R. L. Polk & Co.
	ZITO FRED LAB H	R. L. Polk & Co.

187 BAYARD

Year	Uses	Source
1934	HUMECKY STANLEY R	R. L. Polk & Co.
	HUMECKY DIMITRO LAB H	R. L. Polk & Co.
	AURIENNO ROSARIO R	R. L. Polk & Co.
	AURIENNO RAPHAEL BAKER R	R. L. Polk & Co.
	NUNZIATO JOS LAB H	R. L. Polk & Co.
	AURIENNO PETER FCTY HD H	R. L. Polk & Co.

188 BAYARD

Year	Uses	Source
1934	LANTUKI JOS GRO H DO	R. L. Polk & Co.

189 BAYARD

Year	Uses	Source
1934	MARINO LOUIS BAKER R	R. L. Polk & Co.
	MARINO CARMINE LAB H	R. L. Polk & Co.
	FORGIO ANGELO H	R. L. Polk & Co.
	FIORE KETE FCTY WKR R	R. L. Polk & Co.
	FIORE CONSETTA MRS H	R. L. Polk & Co.
	ROSENNECKER ERNEST CHAUF R	R. L. Polk & Co.

FINDINGS

BAYARD ST

166 BAYARD ST

Year	Uses	Source
2005	H Lasker Richard j	Hill-Donnelly Corporation
2000	RICHARD LASKER	Cole Information Services
1997	LASKER Richard	NYNEX

168 BAYARD ST

Year	Uses	Source
2005	Stec Zofia	Hill-Donnelly Corporation
2000	KRZYSZTOF LAPINSKI	Cole Information Services
	MARGARET ZANIEWSKA	Cole Information Services
	ZBIGNIEW STEC	Cole Information Services
1997	STEC Zbigniew	NYNEX
	LAPINSKI Krzysztof	NYNEX

169 BAYARD ST

Year	Uses	Source
2005	h Lupoli Thomas	Hill-Donnelly Corporation
	Lupoli Thomas S	Hill-Donnelly Corporation
2000	THOMAS LUPOLI	Cole Information Services
	2FL THOMAS S LUPOLI	Cole Information Services
	APARTMENTS	Cole Information Services
1997	GESUALDI John	NYNEX
	GALLAGHER Mary F	NYNEX
1973	Auletta Belle	New York Telephone
	Candells Jos	New York Telephone
	Collins A	New York Telephone
1970	Candelli Jos	New York Telephone
	Natale Celeste	New York Telephone
1965	Candelli Jos	New York Telephone
1960	Candelli Jos	New York Telephone Company
1949	Candelli Jos	New York Telephone

170 BAYARD ST

Year	Uses	Source
2005	Babino Carmine R	Hill-Donnelly Corporation
	Babino Catherine	Hill-Donnelly Corporation
	Lemko Joseph	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
2000	APARTMENTS	Cole Information Services
	CARMINE R BABINO	Cole Information Services
	CATHERINE BABINO	Cole Information Services
1997	BABINO Catherine	NYNEX

172 BAYARD ST

Year	Uses	Source
2013	SUPER FUEL DIV CORP	Cole Information Services
2005	No Current Listing	Hill-Donnelly Corporation
2000	L DE ANGELIS	Cole Information Services
	G RYDER	Cole Information Services
	SUPER FUEL DV CORP	Cole Information Services
1997	Super Fuel Div Corp	NYNEX
	DEANGELIS L	NYNEX
	DEFEO Darrin	NYNEX
	RYDER G	NYNEX
1973	Van Der Heyden Mary	New York Telephone

174 BAYARD ST

Year	Uses	Source
2005	Na	Hill-Donnelly Corporation
2000	A BORRUSSO	Cole Information Services
	M GIANGIOBBE	Cole Information Services

175 BAYARD ST

Year	Uses	Source
2005	h Waseska Henruka v	Hill-Donnelly Corporation
	H Lochnicki Jan	Hill-Donnelly Corporation
	Jednac Anna	Hill-Donnelly Corporation
2000	HENRUKA WASESKA	Cole Information Services
	JAN LOCHNICKI	Cole Information Services
1997	J Warehouse	NYNEX
1973	Iannaci Michael	New York Telephone
	Iannaci Micheal	New York Telephone
1949	Giangrande Dominic	New York Telephone
1940	Largo Alfred undrtkr	New York Telephone

176 BAYARD ST

Year	Uses	Source
2005	HLeong P	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
2005	KPugliese FJ AA s	Hill-Donnelly Corporation
2000	PAUL LEONG	Cole Information Services
1997	PUGLIESE Fredrick J	NYNEX

177 BAYARD ST

Year	Uses	Source
2013	SNOW WHITE CHEMICAL CORP	Cole Information Services
	SNOW WHITE CHEMICAL CORP	Cole Information Services
2008	CONSEP GROUP INC	Cole Information Services
	CONSEP GROUP INC	Cole Information Services
2005	Starco Chemical Inc	Hill-Donnelly Corporation
2000	STARCO CHEML INC	Cole Information Services
1965	De Angelis Frank b	New York Telephone
1960	De Angelis Frank b	New York Telephone Company
1949	Super Coal & Oil	New York Telephone
	De Angelis Frank b	New York Telephone

179 BAYARD ST

Year	Uses	Source
2013	ADRIANA B CORP	Cole Information Services
	BLUE DOCK TRADING	Cole Information Services
	ADRIANA B CORP	Cole Information Services
	BLUE DOCK TRADING	Cole Information Services
2008	ADRIANA	Cole Information Services
	ADRIANA	Cole Information Services
2005	Adriana	Hill-Donnelly Corporation
2000	ADRIANA	Cole Information Services
	HENRY ID CORP	Cole Information Services
1997	Adriana	NYNEX
1973	NATL COML REFRIGRATN MFG CORPI	New York Telephone
1970	NATL COML REFRIGRATN MFG CORP	New York Telephone
1965	NATL COML REFRIGRATN MFP CORP	New York Telephone
1949	Goldberg R neon s gns	New York Telephone
	Natl Neon Sign Co Inc	New York Telephone
1945	Goldberg R neon signs	New York Telephone
	Natl Neon Sign Co	New York Telephone
	Natl Precision Mach Tool Co	New York Telephone
1940	Goldberg R neon signs	New York Telephone
	Natl Fluorescent Reflector Co	New York Telephone

FINDINGS

181 BAYARD ST

Year	Uses	Source
2008	HENRY QUICK CONSTRUCTION	Cole Information Services
	HENRY QUICK CONSTRUCTION	Cole Information Services
2005	Henry & Quick Construction	Hill-Donnelly Corporation

Bayard Street

165 Bayard Street

Year	Uses	Source
2005	h Janks Cary	Hill-Donnelly Corporation
2000	BRIAN MCCARTHY	Cole Information Services
1997	LOGUERCIO Grace Pam	NYNEX
	MCCARTHY Brian	NYNEX
1992	PROTO MICHAEL J	NYNEX Informantion Resource Co.
1985	PROTO MICHAEL J	NYNEX Information Resources Company
	PROTO OLGA MRS	NYNEX Information Resources Company
1976	PROTO OLGA MRS	New York Telephone
	LOGUERCIO PETER D	New York Telephone
1945	Proto Phillip	New York Telephone
1940	Proto Phillip	New York Telephone
1934	WASHINGTON ICE CREAM CO	R. L. Polk & Co.
	PROTO LOUIS ICOMN R	R. L. Polk & Co.
	LIETO LOUIS LAB H	R. L. Polk & Co.
	PROTO FELIX H	R. L. Polk & Co.
	PROTO ELIZ OPR R	R. L. Polk & Co.
	PROTO JOS R	R. L. Polk & Co.
	PROTO MARY DMNSTR R	R. L. Polk & Co.
	PROTO ROSE OPR R	R. L. Polk & Co.
1928	WASHINGTON ICE CREAM CO	New York Telephone

169 Bayard Street

Year	Uses	Source
2005	h Lupoli Thomas	Hill-Donnelly Corporation
	Lupoli Thomas S	Hill-Donnelly Corporation
2000	APARTMENTS	Cole Information Services
	2FL THOMAS S LUPOLI	Cole Information Services
	THOMAS LUPOLI	Cole Information Services
1997	GESUALDI John	NYNEX
	GALLAGHER Mary F	NYNEX

FINDINGS

Year	Uses	Source
1992	GALLAGHER MARY F	NYNEX Informantion Resource Co.
	LUPOLI THOS	NYNEX Informantion Resource Co.
1985	LUPOLI THOS	NYNEX Information Resources Company
	BOR-DARSEN INC	NYNEX Information Resources Company
1980	NOLAN EDWARD T	New York Telephone
1976	CANDELLI JOS	New York Telephone
	LUPOLI THOS	New York Telephone
1973	Candells Jos	New York Telephone
	Auletta Belle	New York Telephone
	Collins A	New York Telephone
1970	Candelli Jos	New York Telephone
	Natale Celeste	New York Telephone
1965	Candelli Jos	New York Telephone
1960	CANDELLI JOS	New York Telephone
	Candelli Jos	New York Telephone Company
1949	Candelli Jos	New York Telephone
1934	GRAAF JAS	R. L. Polk & Co.
	LIETO JOHN PDLR R	R. L. Polk & Co.
	ISTEL ELIZ MRS H	R. L. Polk & Co.
	LIETO FRANCES H	R. L. Polk & Co.
	GOZZER JAS H	R. L. Polk & Co.

175 Bayard Street

Year	Uses	Source
2005	Jednac Anna	Hill-Donnelly Corporation
	H Lochnicki Jan	Hill-Donnelly Corporation
	h Waseska Henruka v	Hill-Donnelly Corporation
2000	JAN LOCHNICKI	Cole Information Services
	HENRUKA WASESKA	Cole Information Services
1997	J Warehouse	NYNEX
1992	ALVAREZ MARIA	NYNEX Informantion Resource Co.
1985	IANNACI MICHAEL	NYNEX Information Resources Company
1976	IANNACI MICHAEL	New York Telephone
	IANNACI MICHAEL	New York Telephone
1973	Iannaci Michael	New York Telephone
	Iannaci Micheal	New York Telephone
1949	Giangrande Dominic	New York Telephone
1940	Largo Alfred undrtkr	New York Telephone
1934	GEIST WM LAB H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	LARGO LOUIS CLK H	R. L. Polk & Co.
	LARGO ARTH CHAUF R	R. L. Polk & Co.
	LARGO EMILY STEN R	R. L. Polk & Co.
	MAZZEO FRANK DRFTSMN R	R. L. Polk & Co.
	MAZZEO MARY R	R. L. Polk & Co.
	LARGO JAS CLK R	R. L. Polk & Co.
	LARGO GERARD CABT MKR H	R. L. Polk & Co.
	MAZZEO PATK DRFTSMN R	R. L. Polk & Co.
1928	LARGO FRED R	New York Telephone

177 Bayard Street

Year	Uses	Source
2005	Starco Chemical Inc	Hill-Donnelly Corporation
2000	STARCO CHEML INC	Cole Information Services
1992	STARCO CHEMICAL INC	NYNEX Informantion Resource Co.
1965	De Angelis Frank b	New York Telephone
1960	DE ANGELIS FRANK B	New York Telephone
	De Angelis Frank b	New York Telephone Company
1949	De Angelis Frank b	New York Telephone
	Super Coal & Oil	New York Telephone
1928	NATL SIGN HANGING CO	New York Telephone

179 Bayard Street

Year	Uses	Source
2005	Adriana	Hill-Donnelly Corporation
2000	ADRIANA	Cole Information Services
	HENRY ID CORP	Cole Information Services
1997	Adriana	NYNEX
1992	NATL COML REFRIGRATN MFG CORP	NYNEX Informantion Resource Co.
1985	NATL COML REFRIGRATN MFG CORP	NYNEX Information Resources Company
1976	NATL COML REPRIGRATN MFG CORP	New York Telephone
	NATLCOML REFRIGRATN MFPG CORP	New York Telephone
1973	NATL COML REFRIGRATN MFG CORPI	New York Telephone
1970	NATL COML REFRIGRATN MFG CORP	New York Telephone
1965	NATL COML REFRIGRATN MFP CORP	New York Telephone
1949	Goldberg R neon s gns	New York Telephone
	Natl Neon Sign Co Inc	New York Telephone
1945	Goldberg R neon signs	New York Telephone
	Natl Neon Sign Co	New York Telephone

Year	Uses	Source
1945	Natl Precision Mach Tool Co	New York Telephone
1940	Goldberg R neon signs	New York Telephone
	Natl Fluorescent Reflector Co	New York Telephone

181 Bayard Street

Year	Uses	Source
2005	Henry & Quick Construction	Hill-Donnelly Corporation

BAYRD st

166 BAYRD st

Year	Uses	Source
1973	Mone John	New York Telephone
1970	Mone John	New York Telephone

BAYRD St

166 BAYRD St

Year	Uses	Source
1965	Mone John	New York Telephone

BAYRD st

168 BAYRD st

Year	Uses	Source
1973	Arenare Grace F	New York Telephone
1970	Zelanis Albert	New York Telephone
	Arenare Grace F	New York Telephone

BAYRD St

168 BAYRD St

Year	Uses	Source
1965	Arenare Grace F	New York Telephone

BAYRD st

169 BAYRD st

Year	Uses	Source
1973	Lupoli M S	New York Telephone
1970	Koopersmith Belle	New York Telephone

Year	Uses	Source
1970	Lupoli M S	New York Telephone

BAYRD St

169 BAYRD St

Year	Uses	Source
1965	Lupoli M S	New York Telephone
	Apicella Agnes Mrs	New York Telephone

BAYRD st

170 BAYRD st

Year	Uses	Source
1973	Dellarosa Grace	New York Telephone
	Babino Carmine R	New York Telephone
1970	Babino Carmnine R	New York Telephone
	Dellarosa Grace	New York Telephone
	Albero Lucille	New York Telephone

BAYRD St

170 BAYRD St

Year	Uses	Source
1965	Babino Carmine R	New York Telephone
	Albero Lucille	New York Telephone
	Dellarosa Grace	New York Telephone

BAYRD st

172 BAYRD st

Year	Uses	Source
1973	Buckley M	New York Telephone
	Walsh A	New York Telephone
1970	Buckley M	New York Telephone
	Walsh A	New York Telephone

BAYRD St

172 BAYRD St

Year	Uses	Source
1965	Walsh A	New York Telephone

Year	Uses	Source
1965	Sidul John	New York Telephone

BAYRD st

174 BAYRD st

Year	Uses	Source
1973	Giangiobbe Anthony	New York Telephone
1970	Giangiobbe Antnony	New York Telephone

BAYRD St

175 BAYRD St

Year	Uses	Source
1965	Iannaci Michl J	New York Telephone

BAYRD st

176 BAYRD st

Year	Uses	Source
1973	Pugliese Helen	New York Telephone
1970	Pugliese Helen	New York Telephone

BAYRD St

176 BAYRD St

Year	Uses	Source
1965	Pugliese Helen	New York Telephone

177 BAYRD St

Year	Uses	Source
1965	SUPER OIL & BURNER SVCE INC	New York Telephone
	SUPER OIL SALES CORP	New York Telephone

BAYRD st

179 BAYRD st

Year	Uses	Source
1973	Natl Milk Box Refrigratn Mfg Co Inc	New York Telephone
1970	Natl Milk Box Refrigratn Mfg Co Inc	New York Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
171 Bayard Street	1980, 1960, 1934, 1928

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
165 Bayard Street	2013, 2008, 1980, 1973, 1970, 1965, 1960, 1949
166 BAYARD	2013, 2008, 2005, 2000, 1997, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
166 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
166 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
166 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
167 Bayard Street	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
168 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
168 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
168 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
168 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
169 BAYARD	2013, 2008, 2005, 2000, 1997, 1973, 1970, 1965, 1949, 1945, 1940, 1928
169 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1945, 1940, 1934, 1928
169 Bayard Street	2013, 2008, 1945, 1940, 1928
169 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
169 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
170 BAYARD	2013, 2008, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
170 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
170 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
170 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
172 BAYARD	2013, 2008, 2005, 2000, 1997, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
172 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
172 BAYARD ST	2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
172 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
172 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
174 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
174 BAYARD ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
174 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
175 BAYARD	2013, 2008, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940
175 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1945, 1934, 1928
175 Bayard Street	2013, 2008, 1980, 1970, 1965, 1960, 1945
175 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
176 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
176 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
176 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
176 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
177 BAYARD	2013, 2008, 2005, 2000, 1997, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934
177 BAYARD ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
177 BAYARD ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
177 BAYARD ST	2013, 2008, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1945, 1940, 1934, 1928
177 Bayard Street	2013, 2008, 1997, 1985, 1980, 1976, 1973, 1970, 1945, 1940, 1934
177 BAYRD St	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
178 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
179 BAYARD	2013, 2008, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
179 BAYARD ST	2013, 2008, 1992, 1985, 1980, 1976, 1960, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
179 BAYARD ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
179 BAYARD ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
179 Bayard Street	2013, 2008, 1980, 1960, 1934, 1928
179 BAYRD st	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
180 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
181 BAYARD ST	2013, 2008, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
181 BAYARD ST	2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
181 BAYARD ST	2013, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
181 Bayard Street	2013, 2008, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
182 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940
183 Bayard Street	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
184 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
185 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
186 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
187 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
188 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
189 BAYARD	2013, 2008, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

APPENDIX E

EDR RADIUS MAP REPORT

171 Bayard Street
171 Bayard Street
Brooklyn, NY 11222

Inquiry Number: 3787737.2s
November 15, 2013

EDR Summary Radius Map Report

EDR® Environmental Data Resources Inc

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

TABLE OF CONTENTS

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

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

171 BAYARD STREET
BROOKLYN, NY 11222

COORDINATES

Latitude (North):	40.7207000 - 40° 43' 14.52''
Longitude (West):	73.9456000 - 73° 56' 44.16''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589053.1
UTM Y (Meters):	4508076.0
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2010, 2011
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
171 BAYARD STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
A1	LOT 44,TAXBLOCK 2720	171 BAYARD STREET	NY E DESIGNATION		TP
A2	LOT 19,TAXBLOCK 2720	179 BAYARD STREET	NY E DESIGNATION	Higher	37, SSE
A3	LOT 41,TAXBLOCK 2720	177 BAYARD STREET	NY E DESIGNATION	Lower	47, South
A4	LOT 43,TAXBLOCK 2720	173 BAYARD STREET	NY E DESIGNATION	Lower	74, South
A5	LOT 45,TAXBLOCK 2720	169 BAYARD STREET	NY E DESIGNATION	Lower	102, SSW
A6	LOT 46,TAXBLOCK 2720	167 BAYARD STREET	NY E DESIGNATION	Lower	118, SSW
A7	FORMER GAS	550 HUMBOLT ST	NY Spills	Higher	176, East
A8		550 HUMBOLDT ST	EDR US Hist Auto Stat	Higher	182, East
A9	LOT 9,TAXBLOCK 2720	514 GRAHAM AVENUE	NY E DESIGNATION	Lower	188, West
A10	GREENPOINT	NEWTOWN & MEEKER/ROA	NY Spills	Higher	188, North
A11	UNITED AMBULETTE	495 GRAHAM AVE	NY LTANKS	Lower	193, SW
A12	TRICO ELECTRICAL COR	495 GRAHAM AVE	NY UST	Lower	193, SW
A13	LOT 10,TAXBLOCK 2720	516 GRAHAM AVENUE	NY E DESIGNATION	Lower	200, West
A14		489 GRAHAM AVE	EDR US Hist Cleaners	Lower	207, SSW
B15	MANHOLE 55946B	HUMBOLT ST MCGUINESS	NY Spills	Higher	228, ESE
B16	MANHOLE #55946B	HUMBOLD & MCCIBNEY S	NY Spills	Higher	228, ESE
B17	BROOKLYN QUEENS EXP	MEEKER/MCGUINNESS	NY Spills	Higher	232, ESE
C18	CHLORINE FACTORY	126 NEWTON ST	NY Spills	Lower	247, West
C19	LOT 14,TAXBLOCK 2719	126 NEWTON STREET	NY E DESIGNATION	Lower	247, West
C20	COMMERCIAL PROPERTY	120 NEWTON AVENUE	NY Spills	Lower	254, West
C21	LOT 7502,TAXBLOCK 27	122 NEWTON STREET	NY E DESIGNATION	Lower	256, West
C22	LOT 30,TAXBLOCK 2714	125 NEWTON STREET	NY E DESIGNATION	Lower	261, West
C23	LOT 32,TAXBLOCK 2714	119 NEWTON STREET	NY E DESIGNATION	Lower	261, West
C24	LOT 11,TAXBLOCK 2719	122 NEWTON STREET	NY E DESIGNATION	Lower	261, West
B25	MCGUINESS BLVD & BQE	MCGUINESS BLVD & BQE	NY Spills	Higher	294, ESE
B26	IN ROADWAY	BROOKLYN QUEENS EXPR	NY Spills	Higher	294, ESE
B27	MEEKER AVE/MCGUINESS	MEEKER AVE/MCGUINESS	NY Spills	Higher	294, ESE
B28	BROOKLYN QUEENS EXPR	AND HUMBLE STREET	NY Spills	Higher	294, ESE
B29	BROOKLYN/QUEENS EXPW	AND MCGINNIS BLVD	NY Spills	Higher	294, ESE
B30	BKLYN QUNS EXPWY/HUM	BQE NORTHBOUND/HUMBO	NY Spills	Higher	294, ESE
D31	LOT 18,TAXBLOCK 2724	146 BAYARD STREET	NY E DESIGNATION	Lower	312, SW
B32	LOT 1,TAXBLOCK 2727	497 MEEKER AVENUE	NY E DESIGNATION	Higher	321, ESE
B33	MOBIL OIL CORP SS #F	550 HUMBOLDT ST	RCRA NonGen / NLR, NY LTANKS, NY UST, NY Spills	Higher	321, ESE
D34	LOT 31,TAXBLOCK 2719	143 BAYARD STREET	NY E DESIGNATION	Lower	350, SW
E35	GREEN POINT CAR WASH	(AKA AUTOCLEAN CARWA	NY Spills	Lower	359, NW
C36	534 GRAHAM AVENUE HD	534 GRAHAM AVENUE	NY AST, NY HIST AST	Lower	367, WNW
D37	LOT 30,TAXBLOCK 2724	435 MEEKER AVENUE	NY E DESIGNATION	Lower	385, South
D38	LOT 31,TAXBLOCK 2724	433 MEEKER AVENUE	NY E DESIGNATION	Lower	386, South
B39	LOT 47,TAXBLOCK 2727	511 MEEKER AVENUE	NY E DESIGNATION	Higher	388, ESE

MAPPED SITES SUMMARY

Target Property Address:
171 BAYARD STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
D40	CITY BARREL & DRUM C	421 MEEKER AVE	CERC-NFRAP, RCRA NonGen / NLR	Lower	394, South
D41		421 MEEKER AVE	EDR US Hist Auto Stat	Lower	394, South
D42	CITY BARREL	421 MEEKER STREET	NY HSWDS	Lower	394, South
D43	LOT 34,TAXBLOCK 2724	419 MEEKER AVENUE	NY E DESIGNATION	Lower	395, South
D44	LOT 37,TAXBLOCK 2724	417 MEEKER AVENUE	NY E DESIGNATION	Lower	396, South
D45	CITY BARREL CO.	421-429 MEEKER STREE	NY DEL SHWS	Lower	399, South
D46		413 MEEKER AVE	EDR US Hist Auto Stat	Lower	399, South
D47	LOT 1,TAXBLOCK 2724	411 MEEKER AVENUE	NY E DESIGNATION	Lower	400, South
D48	LOT 32,TAXBLOCK 2719	137 BAYARD STREET	NY E DESIGNATION	Lower	407, SW
D49		137 BAYARD ST	EDR US Hist Auto Stat	Lower	407, SW
B50	MEEKER AVE & HUMBOLD	MEEKER AVE & HUMBOLD	NY Spills	Higher	413, SE
E51	LOT 1,TAXBLOCK 2701	540 GRAHAM AVENUE	NY E DESIGNATION	Lower	425, NW
E52	LOT 2,TAXBLOCK 2701	542 GRAHAM AVENUE	NY E DESIGNATION	Lower	448, NW
D53	LOT 12,TAXBLOCK 2724	134 BAYARD STREET	NY E DESIGNATION	Lower	459, SW
E54	LOT 50,TAXBLOCK 2701	MCGUINNESS BOULEVARD	NY E DESIGNATION	Lower	459, NNW
D55	LOT 10,TAXBLOCK 2724	130 BAYARD STREET	NY E DESIGNATION	Lower	508, SW
F56	LOT 13,TAXBLOCK 2714	100 ENGERT AVENUE	NY E DESIGNATION	Lower	523, WNW
G57		7 NEWTON ST	EDR US Hist Auto Stat	Lower	530, WSW
G58		7 NEWTON ST	EDR US Hist Auto Stat	Lower	530, WSW
H59	RESIDENTS	2526 HERBERT STREET	NY Spills	Higher	531, SSE
G60	LOT 7501,TAXBLOCK 27	460 MANHATTAN AVENUE	NY E DESIGNATION	Lower	548, WSW
H61	EXIT RAMP OFF BQ EXP	HERBERT ST & HUMBOLD	NY Spills	Higher	552, SE
H62	CONSOLIDATED EDISON	HUMBOLT ST & HERBERT	NY MANIFEST	Higher	552, SE
G63	LOT 33,TAXBLOCK 2714	470 MANHATTAN AVENUE	NY E DESIGNATION	Lower	552, WSW
H64	DRASON ENTERPRISE IN	28 HERBERT STREET	NY UST, NY HIST UST	Higher	556, SE
D65		434 MANHATTAN AVE	EDR US Hist Auto Stat	Lower	571, SW
I66	43 HERBERT STREET,BK	43 HERBERT ST	NY Spills	Higher	578, ESE
I67	162ND PRECINCT	43 HERBERT STREET	NY AST	Higher	578, ESE
I68	162 PRECINCT	43 HERBERT ST	RCRA-CESQG	Higher	578, ESE
J69	CON EDISON - MANHOLE	HUMBOLDT ST & BROOME	RCRA-LQG	Higher	584, NNE
J70	CONSOLIDATED EDISON	HUMBOLDT ST & BROOME	NY MANIFEST	Higher	584, NNE
K71	CON EDISON - MANHOLE	RUSSELL ST & ENGERT	RCRA-LQG	Higher	598, NE
K72	CONSOLIDATED EDISON	RUSSELL ST & ENGERT	NY MANIFEST	Higher	598, NE
L73	LOT 7,TAXBLOCK 2724	430 MANHATTAN AVENUE	NY E DESIGNATION	Lower	604, SSW
L74	LOT 29,TAXBLOCK 2723	417 MANHATTAN AVENUE	NY E DESIGNATION	Lower	629, SSW
L75	LOT 30,TAXBLOCK 2723	415 MANHATTAN AVENUE	NY E DESIGNATION	Lower	647, SSW
M76	CONSOLIDATED EDISON	BROOME ST & GRAHAM A	NY MANIFEST	Lower	648, NW
H77	CON EDISON	502 HUMBOLT ST	NY MANIFEST	Higher	655, SE
F78	LOT 7502,TAXBLOCK 27	84 ENGERT AVENUE	NY E DESIGNATION	Lower	655, WNW

MAPPED SITES SUMMARY

Target Property Address:
171 BAYARD STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
H79		498 HUMBOLDT ST	EDR US Hist Auto Stat	Higher	702, SE
F80	44 ECKFORD ST	55 ECKFORD STREET	NY AST	Lower	702, WNW
F81	BERKMAN BROS. INC.	55 ECKFORD ST.	NY CBS AST	Lower	702, WNW
F82	BERKMAN BROS INC	ECKFORD ST	RCRA-CESQG, FINDS, NY LTANKS, NY MANIFEST, NY CBS	Lower	702, WNW
F83	SAMTONE REALTY	6110 ENGERT AVENUE	NY AST, NY HIST AST	Lower	713, WNW
84		136 RICHARDSON ST	EDR US Hist Auto Stat	Lower	723, SSW
N85		178 DRIGGS AVE	EDR US Hist Cleaners	Higher	770, North
M86	CON EDISON	65 ECKFORD ST	NY MANIFEST	Lower	779, NW
M87	CARTER SPRAY FINISHI	65 ECKFORD ST	RCRA-CESQG, TRIS, FTTS, HIST FTTS, NY CBS AST, NY...	Lower	779, NW
O88	ALL AMERICAN INSTALL	510 MANHATTAN AVE	NY UST	Lower	802, West
L89		391 MEEKER AVE	EDR US Hist Auto Stat	Lower	805, SSW
M90	CON EDISON MANHOLE M	GRAHAM AVE & DRIGGS	RCRA NonGen / NLR, NY MANIFEST	Lower	856, NW
M91	CONSOLIDATED EDISON	DRIGGS AVE & GRAHAM	NY MANIFEST	Lower	856, NW
M92	ROYS REBUILT & ALTER	75 ECKFORD STREET	NY AST	Lower	857, NW
M93		75 ECKFORD ST	EDR US Hist Auto Stat	Lower	857, NW
94	ST. PAULS CENTER	484 HUMBOLDT STREET	NY UST, NY HIST UST	Higher	862, SE
95	A J S PUMPING CO	104 N HENRY ST	RCRA NonGen / NLR, FINDS	Higher	880, NE
P96	I S 126	424 LEONARD ST	NY AST, NY HIST AST	Lower	885, WSW
P97	NYC BD OF ED - IS 12	424 LEONARD ST	RCRA-CESQG, FINDS, NY MANIFEST	Lower	885, WSW
O98	H T JEWELRY MFG CO I	477 LEONARD ST	RCRA NonGen / NLR, FINDS, NY MANIFEST	Lower	886, WNW
O99	474 LEONARD STREET,	474 LEONARD STREET	NY UST	Lower	898, WNW
O100		474 LEONARD ST	EDR US Hist Auto Stat	Lower	898, WNW
Q101	CON EDISON MANHOLE 4	GRAHAM AVE & FROST S	RCRA NonGen / NLR, NY MANIFEST	Lower	923, South
R102	CARTER SPRAY-257 DRI	257 DRIGGS AVE	RCRA NonGen / NLR, FINDS, US AIRS	Lower	932, NW
N103	ST. STANISLAUS KOSTK	185 DRIGGS AVENUE (6	NY AST, NY HIST AST	Lower	941, North
R104		258 DRIGGS AVE	EDR US Hist Cleaners	Lower	943, NW
R105	T & N/HTN FRENCH CLE	258 DRIGGS AVENUE	NY MANIFEST, NY DRYCLEANERS	Lower	943, NW
R106	T & N FRENCH CLEANER	258 DRIGGS AVE	RCRA-CESQG, PA MANIFEST, US AIRS	Lower	943, NW
P107	CONSOLIDATED EDISON	BAYARD ST & LEONARD	NY MANIFEST	Lower	971, SW
N108	JAN & JANNA ROTH	19 DIAMOND ST	NY AST	Lower	977, North
S109		493 LEONARD ST	EDR US Hist Auto Stat	Lower	979, WNW
R110	BRUMAR SHEET METAL I	498 LEONARD STREET	NY LTANKS, NY Spills, NY E DESIGNATION	Lower	986, WNW
S111	BRUMAR SHEET METAL	498 LEONARD STREET	NY UST	Lower	1002, WNW
T112	ISRAEL M DOLGIN ASSO	101 RICHARDSON STREE	NY UST	Lower	1021, SW
Q113		425 GRAHAM AVE	EDR US Hist Cleaners	Lower	1040, South
S114	LVSTIG BROS INC	501 LEONARD ST	RCRA NonGen / NLR, FINDS	Lower	1041, WNW
S115		501 LEONARD ST	EDR US Hist Auto Stat	Lower	1041, WNW
T116	D L BRENNER & SONS I	407 LEONARD ST	NY UST, NY HIST UST, NY MANIFEST, NY Spills	Lower	1074, SW
T117	GRAF AIR PROPERTY	407 LEONARD ST	RCRA NonGen / NLR, FINDS	Lower	1074, SW

MAPPED SITES SUMMARY

Target Property Address:
171 BAYARD STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
118	INTER MASTER CORP	387 MANHATTAN AVE.	NY UST	Lower	1085, SSW
119	31 DIAMOND STV BKLYN	31 DIAMOND STREET	NY AST, NY HIST AST	Lower	1099, North
R120		99 ECKFORD ST	EDR US Hist Cleaners	Lower	1103, NW
S121		285 DRIGGS AVE	EDR US Hist Auto Stat	Lower	1120, NW
R122	101 ECKFORD ST	101 ECKFORD STREET	NY LTANKS, NY Spills	Lower	1126, NW
T123		392 LEONARD ST	EDR US Hist Auto Stat	Lower	1134, SW
T124	A-I AUTO REPAIRS INC	392 LEONARD STREET	NY AST	Lower	1134, SW
T125	GAS STATION	392 LEONARD STREET	NY LTANKS, NY Spills	Lower	1134, SW
T126	278 FUEL STOP, INC.	392 LEONARD STREET	NY UST	Lower	1134, SW
T127		372 MEEKER AVE	EDR US Hist Auto Stat	Lower	1149, SSW
T128	CONSOLIDATED EDISON	MEEKER AVE AND FROST	NY MANIFEST	Lower	1163, SSW
T129	CON EDISON MANHOLE 6	MEEKER AVE & FROST S	RCRA NonGen / NLR	Lower	1163, SSW
T130	395 LEONARD STREET	395 LEONARD ST	NY UST	Lower	1183, SW
T131	88 RICHARDSON LLC	395 LEONARD ST	NY MANIFEST	Lower	1183, SW
T132	88 RICHARDSON LLC	395 LEONARD ST	RCRA-LQG	Lower	1183, SW
133	ST CECILIA SCHOOL	1-15 MONITOR ST	NY AST, NY HIST AST	Higher	1197, ESE
134	CONSOLIDATED EDISON	MH4428 40 NEWELL ST	NY MANIFEST	Lower	1202, NNW
T135	ALL BORO	391 LEONARD STREET	NY AST	Lower	1225, SW
T136	FDNY ENGINE 229 / LA	75 RICHARDSON STREET	NY AST	Lower	1231, SW
T137	NYC FIRE DEPT ENGINE	75 RICHARDSON ST	RCRA NonGen / NLR, FINDS	Lower	1231, SW
T138	FDNY ENGINE 229 / LA	75 RICHARDSON STREET	NY UST	Lower	1231, SW
U139	BAYARD HOUSE LLC	60-64 BAYARD STREET	NY MANIFEST	Lower	1247, WSW
U140	BAYARD HOUSE, LLC	60-64 BAYARD STREET	RCRA-LQG	Lower	1247, WSW
V141	MCCARREN PARK POOL	776 LORIMER STREET	NY UST	Lower	1290, West
V142	NYC DEPT OF PARKS	776 LORIMER STREET	NY MANIFEST	Lower	1290, West
V143	NYC DEPT OF PARKS	776 LORIMER STREET	RCRA-LQG	Lower	1290, West
144		79 DRIGGS AVE	EDR US Hist Cleaners	Higher	1298, NE
W145		448 HUMBOLDT ST	EDR US Hist Cleaners	Higher	1299, SSE
W146	EVADA CLEANERS OF NY	448 HUMBOLDT ST	RCRA-CESQG, FINDS, US AIRS	Higher	1299, SSE
W147	BUONOMO CLNRS	448 HUMBOLDT ST	NY MANIFEST, NY DRYCLEANERS	Higher	1299, SSE
148		336 MEEKER AVE	EDR US Hist Auto Stat	Lower	1302, SSW
X149	CLINTON HILL CLEANER	110 KINGSLAND AVE	NY DRYCLEANERS	Higher	1309, East
150	E. CUCKER INC.	320 DRIGGS AVENUE	NY AST	Lower	1312, WNW
X151	CON EDISON - MANHOLE	108 KINGSLAND AVE	RCRA-LQG	Higher	1313, East
X152	CONSOLIDATED EDISON	108 KINGSLAND AVE	NY MANIFEST	Higher	1313, East
U153	68 RICHARDSON STREET	68 RICHARDSON STREET	NY LTANKS	Lower	1330, SW
154	FROST & MEEKER AVE	64 FROST STREET	NY LTANKS, NY Spills	Lower	1565, SW
155	DELI	112 NASSAU AVE	NY LTANKS, NY Spills	Lower	1592, NW
156	ALBERTS PLATING WORK	32 BEADEL ST	RCRA NonGen / NLR, FINDS, NY LTANKS, NY MANIFEST	Higher	1635, East

MAPPED SITES SUMMARY

Target Property Address:
171 BAYARD STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
157	RESIDENCE	243 JACKSON STREET	NY LTANKS, NY Spills	Higher	1860, SE
158	EXXONMOBIL	546 MORGAN AVENUE	NY LTANKS, NY MANIFEST, NY Spills	Higher	1958, ENE
159	UNKNOWN GAS STATION	2 ROEBLING ST	NY LTANKS, NY Spills	Lower	1983, WSW
160	NYC HOUSING AUTHORIT	295 JACKSON AVE	NY LTANKS, NY Spills	Higher	2075, ESE
161	AUTOMOTIVE TRADE HS	50 BEDFORD AVENUE	NY LTANKS, NY UST, NY HIST UST, NY AST, NY...	Lower	2092, WNW
162	RESIDENCE	92 NORMAN AVE	NY LTANKS	Lower	2337, NW
Y163	SHELL OIL CO	2 BUSHWICK AVE	RCRA NonGen / NLR, NY LTANKS, NY MANIFEST, NY...	Higher	2343, SSE
Z164	ABANDONED BLDG	430 MORGAN AVE	NY LTANKS	Higher	2357, ESE
Y165	MERIT OIL CORP	810 METROPOLITAN AVE	RCRA NonGen / NLR, FINDS, NY LTANKS, NY UST, NY...	Higher	2360, SSE
Y166	METROPOLITAN AVE/MER	METROPOLITAN&BUSHWIC	NY LTANKS	Higher	2382, SSE
AA167	FORMER DRIGGS PLYWOO	11 JACKSON STREET	NY BROWNFIELDS, NY E DESIGNATION	Lower	2385, SW
168	95 LOMBARDY ST./ACME	95 LOMBARDY ST	NY SHWS, NY UST, NY HIST UST	Higher	2422, ENE
Z169	JOSEPH H LOWENSTEIN	420 MORGAN AVENUE	NY LTANKS, NY MANIFEST, NY Spills	Higher	2430, ESE
170	ORSANO CARTING	852 MORGAN AVE.AVENU	NY SWF/LF	Higher	2437, NE
171	TK GENERAL AUTO REPA	133 SUTTON STREET	NY SWF/LF	Higher	2504, NNE
172	NASH METALWARE CO, I	1 NASSAU AVENUE	NY LTANKS, NY UST, NY HIST UST, NY MANIFEST, NY...	Lower	2574, WNW
AA173	CLOSED-LACKOF RECENT	275 NORTH 8TH ST.	NY LTANKS	Lower	2616, SW
174	25 BUSHWICK AVE	25 BUSHWICK AVE	NY LTANKS	Higher	2622, SSE
175	ACME STEEL PARTITION	513 PORTER AVE	RCRA NonGen / NLR, NY SHWS, NY MANIFEST	Higher	2870, ENE
176	WYTHE AVE. (BERRY ST	WYTHE AVE., BERRY ST	EDR MGP	Lower	3024, West
177	MOBIL OIL BROOKLYN T	300 NORTH HENRY STRE	NY DEL SHWS	Lower	3212, North
178	EQUITY WORKS	MASPETH AND VANDERVO	EDR MGP	Lower	3460, ESE
AB179	NAT GRID GREEN POINT	287 MASPETH AVE	NY SHWS, NY SWF/LF, NY LTANKS, NY TANKS, NY...	Lower	3773, East
AB180	GREENPOINT	287 MASPETH AVENUE	EDR MGP	Lower	3773, East
181	US ENVIRONMENTAL PRO	C O BCF OIL REFINING	CERCLIS, RCRA NonGen / NLR, FINDS, NY DEL SHWS,...	Lower	4346, East
182	FORMER MANHATTAN ADH	425-459 GREENPOINT A	NY DEL SHWS	Lower	4492, North
AC183	QUANTA RESOURCES	37-80 REVIEW AVENUE	NY VAPOR REOPENED	Higher	4838, NE
AC184	REVIEW AVENUE DEVELO	37-80 REVIEW AVE	CORRACTS, RCRA-SQG, FINDS, NY SHWS, NY MANIFEST,...	Higher	4838, NE
185	SCHOLES ST. STATION	SCHOLES ST 7 BOGART	EDR MGP	Lower	5092, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LOT 44,TAXBLOCK 2720 171 BAYARD STREET BROOKLYN, NY 11222	NY E DESIGNATION	N/A

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.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: A review of the CERC-NFRAP list, as provided by EDR, and dated 04/26/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY BARREL & DRUM C	***421 MEEKER AVE***	***S 0 - 1/8 (0.075 mi.)***	***D40***	***15***

Federal RCRA CORRACTS facilities list

CORRACTS: A review of the CORRACTS list, as provided by EDR, and dated 07/11/2013 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
REVIEW AVENUE DEVELO	***37-80 REVIEW AVE***	***NE 1/2 - 1 (0.916 mi.)***	***AC184***	***47***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 6 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE	HUMBOLDT ST & BROOME	NNE 0 - 1/8 (0.111 mi.)	J69	21
CON EDISON - MANHOLE	RUSSELL ST & ENGERT	NE 0 - 1/8 (0.113 mi.)	K71	21
CON EDISON - MANHOLE	108 KINGSLAND AVE	E 1/8 - 1/4 (0.249 mi.)	X151	38

Lower Elevation	Address	Direction / Distance	Map ID	Page
88 RICHARDSON LLC	395 LEONARD ST	SW 1/8 - 1/4 (0.224 mi.)	T132	34
BAYARD HOUSE, LLC	60-64 BAYARD STREET	WSW 1/8 - 1/4 (0.236 mi.)	U140	35
NYC DEPT OF PARKS	776 LORIMER STREET	W 1/8 - 1/4 (0.244 mi.)	V143	36

RCRA-CESQG: A review of the RCRA-CESQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 6 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
162 PRECINCT	43 HERBERT ST	ESE 0 - 1/8 (0.109 mi.)	I68	20
EVADA CLEANERS OF NY	***448 HUMBOLDT ST***	***SSE 1/8 - 1/4 (0.246 mi.)***	***W146***	***37***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BERKMAN BROS INC	***ECKFORD ST***	***WNW 1/8 - 1/4 (0.133 mi.)***	***F82***	***23***
CARTER SPRAY FINISHI	***65 ECKFORD ST***	***NW 1/8 - 1/4 (0.148 mi.)***	***M87***	***24***
NYC BD OF ED - IS 12	***424 LEONARD ST***	***WSW 1/8 - 1/4 (0.168 mi.)***	***P97***	***27***
T & N FRENCH CLEANER	***258 DRIGGS AVE***	***NW 1/8 - 1/4 (0.179 mi.)***	***R106***	***28***

State- and tribal - equivalent CERCLIS

NY SHWS: A review of the NY SHWS list, as provided by EDR, and dated 09/25/2013 has revealed that there are 4 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
95 LOMBARDY ST./ACME	***95 LOMBARDY ST***	***ENE 1/4 - 1/2 (0.459 mi.)***	***168***	***42***
Class Code: Significant threat to the public health or environment - action required.				
ACME STEEL PARTITION	***513 PORTER AVE***	***ENE 1/2 - 1 (0.544 mi.)***	***175***	***44***
Class Code: Significant threat to the public health or environment - action required.				
REVIEW AVENUE DEVELO	***37-80 REVIEW AVE***	***NE 1/2 - 1 (0.916 mi.)***	***AC184***	***47***
Class Code: Significant threat to the public health or environment - action required.				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NAT GRID GREEN POINT	***287 MASPETH AVE***	***E 1/2 - 1 (0.715 mi.)***	***AB179***	***45***
Class Code: Significant threat to the public health or environment - action required.				

NY VAPOR REOPENED: A review of the NY VAPOR REOPENED list, as provided by EDR, and dated 01/01/2013 has revealed that there is 1 NY VAPOR REOPENED site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUANTA RESOURCES	37-80 REVIEW AVENUE	NE 1/2 - 1 (0.916 mi.)	AC183	46

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

NY SWF/LF: A review of the NY SWF/LF list, as provided by EDR, and dated 10/08/2013 has revealed that there are 2 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORSANO CARTING	852 MORGAN AVE.AVENU	NE 1/4 - 1/2 (0.462 mi.)	170	43
TK GENERAL AUTO REPA	133 SUTTON STREET	NNE 1/4 - 1/2 (0.474 mi.)	171	43

State and tribal leaking storage tank lists

NY LTANKS: A review of the NY LTANKS list, as provided by EDR, and dated 09/25/2013 has revealed that there are 24 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL OIL CORP SS #F	***550 HUMBOLDT ST***	***ESE 0 - 1/8 (0.061 mi.)***	***B33***	***14***
Spill Number/Closed Date: 9007766 / Not Reported				
ALBERTS PLATING WORK	***32 BEADEL ST***	***E 1/4 - 1/2 (0.310 mi.)***	***156***	***39***
Spill Number/Closed Date: 0510292 / 1/25/2006				
RESIDENCE	***243 JACKSON STREET***	***SE 1/4 - 1/2 (0.352 mi.)***	***157***	***39***
Spill Number/Closed Date: 0409577 / 2/4/2005				
EXXONMOBIL	***546 MORGAN AVENUE***	***ENE 1/4 - 1/2 (0.371 mi.)***	***158***	***39***
Spill Number/Closed Date: 9608849 / 1/9/1997				
NYC HOUSING AUTHORIT	***295 JACKSON AVE***	***ESE 1/4 - 1/2 (0.393 mi.)***	***160***	***40***
Spill Number/Closed Date: 9414271 / 3/29/1996				
Spill Number/Closed Date: 9414384 / 3/29/1996				
Spill Number/Closed Date: 9515837 / 6/10/2008				
Spill Number/Closed Date: 9515713 / 9/14/2009				
SHELL OIL CO	***2 BUSHWICK AVE***	***SSE 1/4 - 1/2 (0.444 mi.)***	***Y163***	***41***
Spill Number/Closed Date: 8900824 / 4/30/1991				
ABANDONED BLDG	430 MORGAN AVE	ESE 1/4 - 1/2 (0.446 mi.)	Z164	41
Spill Number/Closed Date: 0203790 / 6/4/2003				
MERIT OIL CORP	***810 METROPOLITAN AVE***	***SSE 1/4 - 1/2 (0.447 mi.)***	***Y165***	***41***
Spill Number/Closed Date: 9404715 / 11/22/1994				
METROPOLITAN AVE/MER	METROPOLITAN&BUSHWIC	SSE 1/4 - 1/2 (0.451 mi.)	Y166	42
Spill Number/Closed Date: 8903546 / 7/10/1989				
JOSEPH H LOWENSTEIN	***420 MORGAN AVENUE***	***ESE 1/4 - 1/2 (0.460 mi.)***	***Z169***	***43***
Spill Number/Closed Date: 9704885 / 8/16/2003				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
25 BUSHWICK AVE Spill Number/Closed Date: 9512040 / 7/4/1999	25 BUSHWICK AVE	SSE 1/4 - 1/2 (0.497 mi.)	174	44

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED AMBULETTE Spill Number/Closed Date: 0410348 / 5/3/2005	495 GRAHAM AVE	SW 0 - 1/8 (0.037 mi.)	A11	9
BERKMAN BROS INC Spill Number/Closed Date: 9214462 / 3/31/1993	***ECKFORD ST***	***WNW 1/8 - 1/4 (0.133 mi.)***	***F82***	***23***
BRUMAR SHEET METAL I Spill Number/Closed Date: 0212132 / 9/26/2006 Spill Number/Closed Date: 1206982 / Not Reported	***498 LEONARD STREET***	***WNW 1/8 - 1/4 (0.187 mi.)***	***R110***	***29***
101 ECKFORD ST Spill Number/Closed Date: 0609437 / 11/22/2006	***101 ECKFORD STREET***	***NW 1/8 - 1/4 (0.213 mi.)***	***R122***	***32***
GAS STATION Spill Number/Closed Date: 0310672 / 12/16/2003	***392 LEONARD STREET***	***SW 1/8 - 1/4 (0.215 mi.)***	***T125***	***32***
68 RICHARDSON STREET Spill Number/Closed Date: 9312569 / 6/11/2001	68 RICHARDSON STREET	SW 1/4 - 1/2 (0.252 mi.)	U153	38
FROST & MEEKER AVE Spill Number/Closed Date: 9601530 / 8/5/2010	***64 FROST STREET***	***SW 1/4 - 1/2 (0.296 mi.)***	***154***	***38***
DELI Spill Number/Closed Date: 0013080 / 3/14/2001	***112 NASSAU AVE***	***NW 1/4 - 1/2 (0.302 mi.)***	***155***	***38***
UNKNOWN GAS STATION Spill Number/Closed Date: 0008335 / 10/25/2005	***2 ROEBLING ST***	***WSW 1/4 - 1/2 (0.376 mi.)***	***159***	***39***
AUTOMOTIVE TRADE HS Spill Number/Closed Date: 0900454 / 3/22/2011 Spill Number/Closed Date: 0004062 / 3/21/2005	***50 BEDFORD AVENUE***	***WNW 1/4 - 1/2 (0.396 mi.)***	***161***	***40***
RESIDENCE Spill Number/Closed Date: 0513280 / 2/21/2006	92 NORMAN AVE	NW 1/4 - 1/2 (0.443 mi.)	162	41
NASH METALWARE CO, I Spill Number/Closed Date: 0408142 / 5/11/2009	***1 NASSAU AVENUE***	***WNW 1/4 - 1/2 (0.488 mi.)***	***172***	***43***
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8706710 / 3/4/2003	275 NORTH 8TH ST.	SW 1/4 - 1/2 (0.495 mi.)	AA173	44

State and tribal registered storage tank lists

NY UST: A review of the NY UST list, as provided by EDR, and dated 10/01/2013 has revealed that there are 14 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL OIL CORP SS #F	***550 HUMBOLDT ST***	***ESE 0 - 1/8 (0.061 mi.)***	***B33***	***14***
DRASON ENTERPRISE IN	***28 HERBERT STREET***	***SE 0 - 1/8 (0.105 mi.)***	***H64***	***20***
ST. PAULS CENTER	***484 HUMBOLDT STREET***	***SE 1/8 - 1/4 (0.163 mi.)***	***94***	***26***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRICO ELECTRICAL COR	495 GRAHAM AVE	SW 0 - 1/8 (0.037 mi.)	A12	10

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALL AMERICAN INSTALL	510 MANHATTAN AVE	W 1/8 - 1/4 (0.152 mi.)	O88	25
474 LEONARD STREET,	474 LEONARD STREET	WNW 1/8 - 1/4 (0.170 mi.)	O99	27
BRUMAR SHEET METAL	498 LEONARD STREET	WNW 1/8 - 1/4 (0.190 mi.)	S111	29
ISRAEL M DOLGIN ASSO	101 RICHARDSON STREE	SW 1/8 - 1/4 (0.193 mi.)	T112	30
D L BRENNER & SONS I	***407 LEONARD ST***	***SW 1/8 - 1/4 (0.203 mi.)***	***T116***	***30***
INTER MASTER CORP	387 MANHATTAN AVE.	SSW 1/8 - 1/4 (0.205 mi.)	118	31
278 FUEL STOP, INC.	392 LEONARD STREET	SW 1/8 - 1/4 (0.215 mi.)	T126	33
395 LEONARD STREET	395 LEONARD ST	SW 1/8 - 1/4 (0.224 mi.)	T130	33
FDNY ENGINE 229 / LA	75 RICHARDSON STREET	SW 1/8 - 1/4 (0.233 mi.)	T138	35
MCCARREN PARK POOL	776 LORIMER STREET	W 1/8 - 1/4 (0.244 mi.)	V141	36

NY AST: A review of the NY AST list, as provided by EDR, and dated 10/01/2013 has revealed that there are 14 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
162ND PRECINCT	43 HERBERT STREET	ESE 0 - 1/8 (0.109 mi.)	I67	20
ST CECILIA SCHOOL	***1-15 MONITOR ST***	***ESE 1/8 - 1/4 (0.227 mi.)***	***133***	***34***

Lower Elevation	Address	Direction / Distance	Map ID	Page
534 GRAHAM AVENUE HD	***534 GRAHAM AVENUE***	***WNW 0 - 1/8 (0.070 mi.)***	***C36***	***15***
44 ECKFORD ST	55 ECKFORD STREET	WNW 1/8 - 1/4 (0.133 mi.)	F80	23
SAMTONE REALTY	***6110 ENGERT AVENUE***	***WNW 1/8 - 1/4 (0.135 mi.)***	***F83***	***23***
ROYS REBUILT & ALTER	75 ECKFORD STREET	NW 1/8 - 1/4 (0.162 mi.)	M92	25
I S 126	***424 LEONARD ST***	***WSW 1/8 - 1/4 (0.168 mi.)***	***P96***	***26***
ST. STANISLAUS KOSTK	***185 DRIGGS AVENUE (6***	***N 1/8 - 1/4 (0.178 mi.)***	***N103***	***28***
JAN & JANNA ROTH	19 DIAMOND ST	N 1/8 - 1/4 (0.185 mi.)	N108	29
31 DIAMOND STV BKLYN	***31 DIAMOND STREET***	***N 1/8 - 1/4 (0.208 mi.)***	***119***	***31***
A-I AUTO REPAIRS INC	392 LEONARD STREET	SW 1/8 - 1/4 (0.215 mi.)	T124	32
ALL BORO	391 LEONARD STREET	SW 1/8 - 1/4 (0.232 mi.)	T135	34
FDNY ENGINE 229 / LA	75 RICHARDSON STREET	SW 1/8 - 1/4 (0.233 mi.)	T136	35
E. CUCKER INC.	320 DRIGGS AVENUE	WNW 1/8 - 1/4 (0.248 mi.)	150	37

NY CBS AST: A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 NY CBS AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BERKMAN BROS. INC.	55 ECKFORD ST.	WNW 1/8 - 1/4 (0.133 mi.)	F81	23
CARTER SPRAY FINISHI	***65 ECKFORD ST***	***NW 1/8 - 1/4 (0.148 mi.)***	***M87***	***24***

NY CBS: A review of the NY CBS list, as provided by EDR, and dated 08/07/2013 has revealed that there are 2 NY CBS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BERKMAN BROS INC	***ECKFORD ST***	***WNW 1/8 - 1/4 (0.133 mi.)***	***F82***	***23***
CARTER SPRAY FINISHI	***65 ECKFORD ST***	***NW 1/8 - 1/4 (0.148 mi.)***	***M87***	***24***

State and tribal Brownfields sites

NY BROWNFIELDS: A review of the NY BROWNFIELDS list, as provided by EDR, and dated 09/25/2013 has revealed that there is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER DRIGGS PLYWOO	***11 JACKSON STREET***	***SW 1/4 - 1/2 (0.452 mi.)***	***AA167***	***42***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

NY DEL SHWS: A review of the NY DEL SHWS list, as provided by EDR, and dated 09/25/2013 has revealed that there are 4 NY DEL SHWS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY BARREL CO.	421-429 MEEKER STREE	S 0 - 1/8 (0.076 mi.)	D45	16
MOBIL OIL BROOKLYN T	300 NORTH HENRY STRE	N 1/2 - 1 (0.608 mi.)	177	45
US ENVIRONMENTAL PRO	***C O BCF OIL REFINING***	***E 1/2 - 1 (0.823 mi.)***	***181***	***46***
FORMER MANHATTAN ADH	425-459 GREENPOINT A	N 1/2 - 1 (0.851 mi.)	182	46

Local Lists of Registered Storage Tanks

NY HIST UST: A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DRASON ENTERPRISE IN	***28 HERBERT STREET***	***SE 0 - 1/8 (0.105 mi.)***	***H64***	***20***
ST. PAULS CENTER	***484 HUMBOLDT STREET***	***SE 1/8 - 1/4 (0.163 mi.)***	***94***	***26***

Lower Elevation	Address	Direction / Distance	Map ID	Page
D L BRENNER & SONS I	***407 LEONARD ST***	***SW 1/8 - 1/4 (0.203 mi.)***	***T116***	***30***

Records of Emergency Release Reports

NY Spills: A review of the NY Spills list, as provided by EDR, and dated 09/25/2013 has revealed that there are 19 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER GAS	550 HUMBOLT ST	E 0 - 1/8 (0.033 mi.)	A7	9
Spill Number/Closed Date: 0710898 / 1/15/2008				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREENPOINT Spill Number/Closed Date: 9505087 / 9/16/2004	NEWTOWN & MEEKER/ROA	N 0 - 1/8 (0.036 mi.)	A10	9
MANHOLE 55946B Spill Number/Closed Date: 9901924 / 1/29/2004	HUMBOLT ST MCGUINESS	ESE 0 - 1/8 (0.043 mi.)	B15	10
MANHOLE #55946B Spill Number/Closed Date: 9907207 / 2/3/2004	HUMBOLD & MCCIBNEY S	ESE 0 - 1/8 (0.043 mi.)	B16	10
BROOKLYN QUEENS EXP Spill Number/Closed Date: 0005147 / 5/20/2002	MEEKER/MCGUINNESS	ESE 0 - 1/8 (0.044 mi.)	B17	11
MCGUINESS BLVD & BQE Spill Number/Closed Date: 0007090 / 10/5/2000	MCGUINESS BLVD & BQE	ESE 0 - 1/8 (0.056 mi.)	B25	12
IN ROADWAY Spill Number/Closed Date: 0308472 / 11/13/2003	BROOKLYN QUEENS EXPR	ESE 0 - 1/8 (0.056 mi.)	B26	12
MEEKER AVE/MCGUINESS Spill Number/Closed Date: 0005156 / 8/25/2000	MEEKER AVE/MCGUINESS	ESE 0 - 1/8 (0.056 mi.)	B27	13
BROOKLYN QUEENS EXPR Spill Number/Closed Date: 0301048 / 4/29/2003	AND HUMBLE STREET	ESE 0 - 1/8 (0.056 mi.)	B28	13
BROOKLYN/QUEENS EXPW Spill Number/Closed Date: 9608808 / 2/24/2003	AND MCGINNIS BLVD	ESE 0 - 1/8 (0.056 mi.)	B29	13
BKLYN QUNS EXPWY/HUM Spill Number/Closed Date: 8804872 / 9/2/1988	BQE NORTHBOUND/HUMBO	ESE 0 - 1/8 (0.056 mi.)	B30	13
MOBIL OIL CORP SS #F Spill Number/Closed Date: 1011266 / Not Reported Spill Number/Closed Date: 0508671 / 12/22/2006	***550 HUMBOLDT ST***	***ESE 0 - 1/8 (0.061 mi.)***	***B33***	***14***
MEEKER AVE & HUMBOLD Spill Number/Closed Date: 9509231 / 10/31/1995	MEEKER AVE & HUMBOLD	SE 0 - 1/8 (0.078 mi.)	B50	17
RESIDENTS Spill Number/Closed Date: 0210902 / 2/24/2006	2526 HERBERT STREET	SSE 0 - 1/8 (0.101 mi.)	H59	19
EXIT RAMP OFF BQ EXP Spill Number/Closed Date: 9902388 / 6/7/1999	HERBERT ST & HUMBOLD	SE 0 - 1/8 (0.105 mi.)	H61	19
43 HERBERT STREET,BK Spill Number/Closed Date: 8606018 / 12/23/1986	43 HERBERT ST	ESE 0 - 1/8 (0.109 mi.)	I66	20

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHLORINE FACTORY Spill Number/Closed Date: 9809496 / 2/12/2003	126 NEWTON ST	W 0 - 1/8 (0.047 mi.)	C18	11
COMMERCIAL PROPERTY Spill Number/Closed Date: 0408368 / 7/25/2005	120 NEWTON AVENUE	W 0 - 1/8 (0.048 mi.)	C20	11
GREEN POINT CAR WASH Spill Number/Closed Date: 0705867 / 9/13/2007	(AKA AUTOCLEAN CARWA	NW 0 - 1/8 (0.068 mi.)	E35	14

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/11/2013 has revealed that there are 11 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL OIL CORP SS #F	***550 HUMBOLDT ST***	***ESE 0 - 1/8 (0.061 mi.)***	***B33***	***14***
A J S PUMPING CO	***104 N HENRY ST***	***NE 1/8 - 1/4 (0.167 mi.)***	***95***	***26***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY BARREL & DRUM C	***421 MEEKER AVE***	***S 0 - 1/8 (0.075 mi.)***	***D40***	***15***
CON EDISON MANHOLE M	***GRAHAM AVE & DRIGGS***	***NW 1/8 - 1/4 (0.162 mi.)***	***M90***	***25***
H T JEWELRY MFG CO I	***477 LEONARD ST***	***WNW 1/8 - 1/4 (0.168 mi.)***	***O98***	***27***
CON EDISON MANHOLE 4	***GRAHAM AVE & FROST S***	***S 1/8 - 1/4 (0.175 mi.)***	***Q101***	***27***
CARTER SPRAY-257 DRI	***257 DRIGGS AVE***	***NW 1/8 - 1/4 (0.177 mi.)***	***R102***	***28***
LVSTIG BROS INC	***501 LEONARD ST***	***WNW 1/8 - 1/4 (0.197 mi.)***	***S114***	***30***
GRAF AIR PROPERTY	***407 LEONARD ST***	***SW 1/8 - 1/4 (0.203 mi.)***	***T117***	***31***
CON EDISON MANHOLE 6	MEEKER AVE & FROST S	SSW 1/8 - 1/4 (0.220 mi.)	T129	33
NYC FIRE DEPT ENGINE	***75 RICHARDSON ST***	***SW 1/8 - 1/4 (0.233 mi.)***	***T137***	***35***

NY HSWDS: A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 NY HSWDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY BARREL	421 MEEKER STREET	S 0 - 1/8 (0.075 mi.)	D42	16

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 08/01/2013 has revealed that there are 23 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED EDISON	HUMBOLT ST & HERBERT	SE 0 - 1/8 (0.105 mi.)	H62	19
CONSOLIDATED EDISON	HUMBOLDT ST & BROOME	NNE 0 - 1/8 (0.111 mi.)	J70	21
CONSOLIDATED EDISON	RUSSELL ST & ENGERT	NE 0 - 1/8 (0.113 mi.)	K72	21
CON EDISON	502 HUMBOLT ST	SE 0 - 1/8 (0.124 mi.)	H77	22
BUONOMO CLNRS	***448 HUMBOLDT ST***	***SSE 1/8 - 1/4 (0.246 mi.)***	***W147***	***37***
CONSOLIDATED EDISON	108 KINGSLAND AVE	E 1/8 - 1/4 (0.249 mi.)	X152	38

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED EDISON	BROOME ST & GRAHAM A	NW 0 - 1/8 (0.123 mi.)	M76	22
BERKMAN BROS INC	***ECKFORD ST***	***WNW 1/8 - 1/4 (0.133 mi.)***	***F82***	***23***
CON EDISON	65 ECKFORD ST	NW 1/8 - 1/4 (0.148 mi.)	M86	24
CARTER SPRAY FINISHI	***65 ECKFORD ST***	***NW 1/8 - 1/4 (0.148 mi.)***	***M87***	***24***
CON EDISON MANHOLE M	***GRAHAM AVE & DRIGGS***	***NW 1/8 - 1/4 (0.162 mi.)***	***M90***	***25***
CONSOLIDATED EDISON	DRIGGS AVE & GRAHAM	NW 1/8 - 1/4 (0.162 mi.)	M91	25
NYC BD OF ED - IS 12	***424 LEONARD ST***	***WSW 1/8 - 1/4 (0.168 mi.)***	***P97***	***27***
H T JEWELRY MFG CO I	***477 LEONARD ST***	***WNW 1/8 - 1/4 (0.168 mi.)***	***O98***	***27***
CON EDISON MANHOLE 4	***GRAHAM AVE & FROST S***	***S 1/8 - 1/4 (0.175 mi.)***	***Q101***	***27***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
T & N/HTN FRENCH CLE	***258 DRIGGS AVENUE***	***NW 1/8 - 1/4 (0.179 mi.)***	***R105***	***28***
CONSOLIDATED EDISON	BAYARD ST & LEONARD	SW 1/8 - 1/4 (0.184 mi.)	P107	29
D L BRENNER & SONS I	***407 LEONARD ST***	***SW 1/8 - 1/4 (0.203 mi.)***	***T116***	***30***
CONSOLIDATED EDISON	MEEKER AVE AND FROST	SSW 1/8 - 1/4 (0.220 mi.)	T128	33
88 RICHARDSON LLC	395 LEONARD ST	SW 1/8 - 1/4 (0.224 mi.)	T131	34
CONSOLIDATED EDISON	MH4428 40 NEWELL ST	NNW 1/8 - 1/4 (0.228 mi.)	134	34
BAYARD HOUSE LLC	60-64 BAYARD STREET	WSW 1/8 - 1/4 (0.236 mi.)	U139	35
NYC DEPT OF PARKS	776 LORIMER STREET	W 1/8 - 1/4 (0.244 mi.)	V142	36

PA MANIFEST: A review of the PA MANIFEST list, as provided by EDR, and dated 08/01/2013 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
T & N FRENCH CLEANER	***258 DRIGGS AVE***	***NW 1/8 - 1/4 (0.179 mi.)***	***R106***	***28***

NY DRYCLEANERS: A review of the NY DRYCLEANERS list, as provided by EDR, and dated 10/17/2013 has revealed that there are 3 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUONOMO CLNRS	***448 HUMBOLDT ST***	***SSE 1/8 - 1/4 (0.246 mi.)***	***W147***	***37***
CLINTON HILL CLEANER	110 KINGSLAND AVE	E 1/8 - 1/4 (0.248 mi.)	X149	37

Lower Elevation	Address	Direction / Distance	Map ID	Page
T & N/HTN FRENCH CLE	***258 DRIGGS AVENUE***	***NW 1/8 - 1/4 (0.179 mi.)***	***R105***	***28***

NY E DESIGNATION: A review of the NY E DESIGNATION list, as provided by EDR, and dated 09/17/2013 has revealed that there are 34 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 19,TAXBLOCK 2720	179 BAYARD STREET	SSE 0 - 1/8 (0.007 mi.)	A2	8
LOT 1,TAXBLOCK 2727	497 MEEKER AVENUE	ESE 0 - 1/8 (0.061 mi.)	B32	14
LOT 47,TAXBLOCK 2727	511 MEEKER AVENUE	ESE 0 - 1/8 (0.073 mi.)	B39	15

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 41,TAXBLOCK 2720	177 BAYARD STREET	S 0 - 1/8 (0.009 mi.)	A3	8
LOT 43,TAXBLOCK 2720	173 BAYARD STREET	S 0 - 1/8 (0.014 mi.)	A4	8
LOT 45,TAXBLOCK 2720	169 BAYARD STREET	SSW 0 - 1/8 (0.019 mi.)	A5	8
LOT 46,TAXBLOCK 2720	167 BAYARD STREET	SSW 0 - 1/8 (0.022 mi.)	A6	8
LOT 9,TAXBLOCK 2720	514 GRAHAM AVENUE	W 0 - 1/8 (0.036 mi.)	A9	9
LOT 10,TAXBLOCK 2720	516 GRAHAM AVENUE	W 0 - 1/8 (0.038 mi.)	A13	10
LOT 14,TAXBLOCK 2719	126 NEWTON STREET	W 0 - 1/8 (0.047 mi.)	C19	11
LOT 7502,TAXBLOCK 27	122 NEWTON STREET	W 0 - 1/8 (0.048 mi.)	C21	11
LOT 30,TAXBLOCK 2714	125 NEWTON STREET	W 0 - 1/8 (0.049 mi.)	C22	12
LOT 32,TAXBLOCK 2714	119 NEWTON STREET	W 0 - 1/8 (0.049 mi.)	C23	12

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 11,TAXBLOCK 2719	122 NEWTON STREET	W 0 - 1/8 (0.049 mi.)	C24	12
LOT 18,TAXBLOCK 2724	146 BAYARD STREET	SW 0 - 1/8 (0.059 mi.)	D31	13
LOT 31,TAXBLOCK 2719	143 BAYARD STREET	SW 0 - 1/8 (0.066 mi.)	D34	14
LOT 30,TAXBLOCK 2724	435 MEEKER AVENUE	S 0 - 1/8 (0.073 mi.)	D37	15
LOT 31,TAXBLOCK 2724	433 MEEKER AVENUE	S 0 - 1/8 (0.073 mi.)	D38	15
LOT 34,TAXBLOCK 2724	419 MEEKER AVENUE	S 0 - 1/8 (0.075 mi.)	D43	16
LOT 37,TAXBLOCK 2724	417 MEEKER AVENUE	S 0 - 1/8 (0.075 mi.)	D44	16
LOT 1,TAXBLOCK 2724	411 MEEKER AVENUE	S 0 - 1/8 (0.076 mi.)	D47	17
LOT 32,TAXBLOCK 2719	137 BAYARD STREET	SW 0 - 1/8 (0.077 mi.)	D48	17
LOT 1,TAXBLOCK 2701	540 GRAHAM AVENUE	NW 0 - 1/8 (0.080 mi.)	E51	17
LOT 2,TAXBLOCK 2701	542 GRAHAM AVENUE	NW 0 - 1/8 (0.085 mi.)	E52	17
LOT 12,TAXBLOCK 2724	134 BAYARD STREET	SW 0 - 1/8 (0.087 mi.)	D53	18
LOT 50,TAXBLOCK 2701	MCGUINNESS BOULEVARD	NNW 0 - 1/8 (0.087 mi.)	E54	18
LOT 10,TAXBLOCK 2724	130 BAYARD STREET	SW 0 - 1/8 (0.096 mi.)	D55	18
LOT 13,TAXBLOCK 2714	100 ENGERT AVENUE	WNW 0 - 1/8 (0.099 mi.)	F56	18
LOT 7501,TAXBLOCK 27	460 MANHATTAN AVENUE	WSW 0 - 1/8 (0.104 mi.)	G60	19
LOT 33,TAXBLOCK 2714	470 MANHATTAN AVENUE	WSW 0 - 1/8 (0.105 mi.)	G63	19
LOT 7,TAXBLOCK 2724	430 MANHATTAN AVENUE	SSW 0 - 1/8 (0.114 mi.)	L73	21
LOT 29,TAXBLOCK 2723	417 MANHATTAN AVENUE	SSW 0 - 1/8 (0.119 mi.)	L74	22
LOT 30,TAXBLOCK 2723	415 MANHATTAN AVENUE	SSW 0 - 1/8 (0.123 mi.)	L75	22
LOT 7502,TAXBLOCK 27	84 ENGERT AVENUE	WNW 0 - 1/8 (0.124 mi.)	F78	22

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: A review of the EDR MGP list, as provided by EDR, has revealed that there are 4 EDR MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WYTHE AVE. (BERRY ST	WYTHE AVE., BERRY ST	W 1/2 - 1 (0.573 mi.)	176	44
EQUITY WORKS	MASPETH AND VANDERVO	ESE 1/2 - 1 (0.655 mi.)	178	45
GREENPOINT	287 MASPETH AVENUE	E 1/2 - 1 (0.715 mi.)	AB180	46
SCHOLES ST. STATION	SCHOLES ST 7 BOGART	SE 1/2 - 1 (0.964 mi.)	185	47

EDR US Hist Auto Stat: A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 18 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	550 HUMBOLDT ST	E 0 - 1/8 (0.034 mi.)	A8	9
Not reported	498 HUMBOLDT ST	SE 1/8 - 1/4 (0.133 mi.)	H79	22

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	421 MEEKER AVE	S 0 - 1/8 (0.075 mi.)	D41	16
Not reported	413 MEEKER AVE	S 0 - 1/8 (0.076 mi.)	D46	16
Not reported	137 BAYARD ST	SW 0 - 1/8 (0.077 mi.)	D49	17

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	7 NEWTON ST	WSW 0 - 1/8 (0.100 mi.)	G57	18
Not reported	7 NEWTON ST	WSW 0 - 1/8 (0.100 mi.)	G58	18
Not reported	434 MANHATTAN AVE	SW 0 - 1/8 (0.108 mi.)	D65	20
Not reported	136 RICHARDSON ST	SSW 1/8 - 1/4 (0.137 mi.)	84	24
Not reported	391 MEEKER AVE	SSW 1/8 - 1/4 (0.152 mi.)	L89	25
Not reported	75 ECKFORD ST	NW 1/8 - 1/4 (0.162 mi.)	M93	26
Not reported	474 LEONARD ST	WNW 1/8 - 1/4 (0.170 mi.)	O100	27
Not reported	493 LEONARD ST	WNW 1/8 - 1/4 (0.185 mi.)	S109	29
Not reported	501 LEONARD ST	WNW 1/8 - 1/4 (0.197 mi.)	S115	30
Not reported	285 DRIGGS AVE	NW 1/8 - 1/4 (0.212 mi.)	S121	32
Not reported	392 LEONARD ST	SW 1/8 - 1/4 (0.215 mi.)	T123	32
Not reported	372 MEEKER AVE	SSW 1/8 - 1/4 (0.218 mi.)	T127	33
Not reported	336 MEEKER AVE	SSW 1/8 - 1/4 (0.247 mi.)	148	37

EDR US Hist Cleaners: A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 7 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

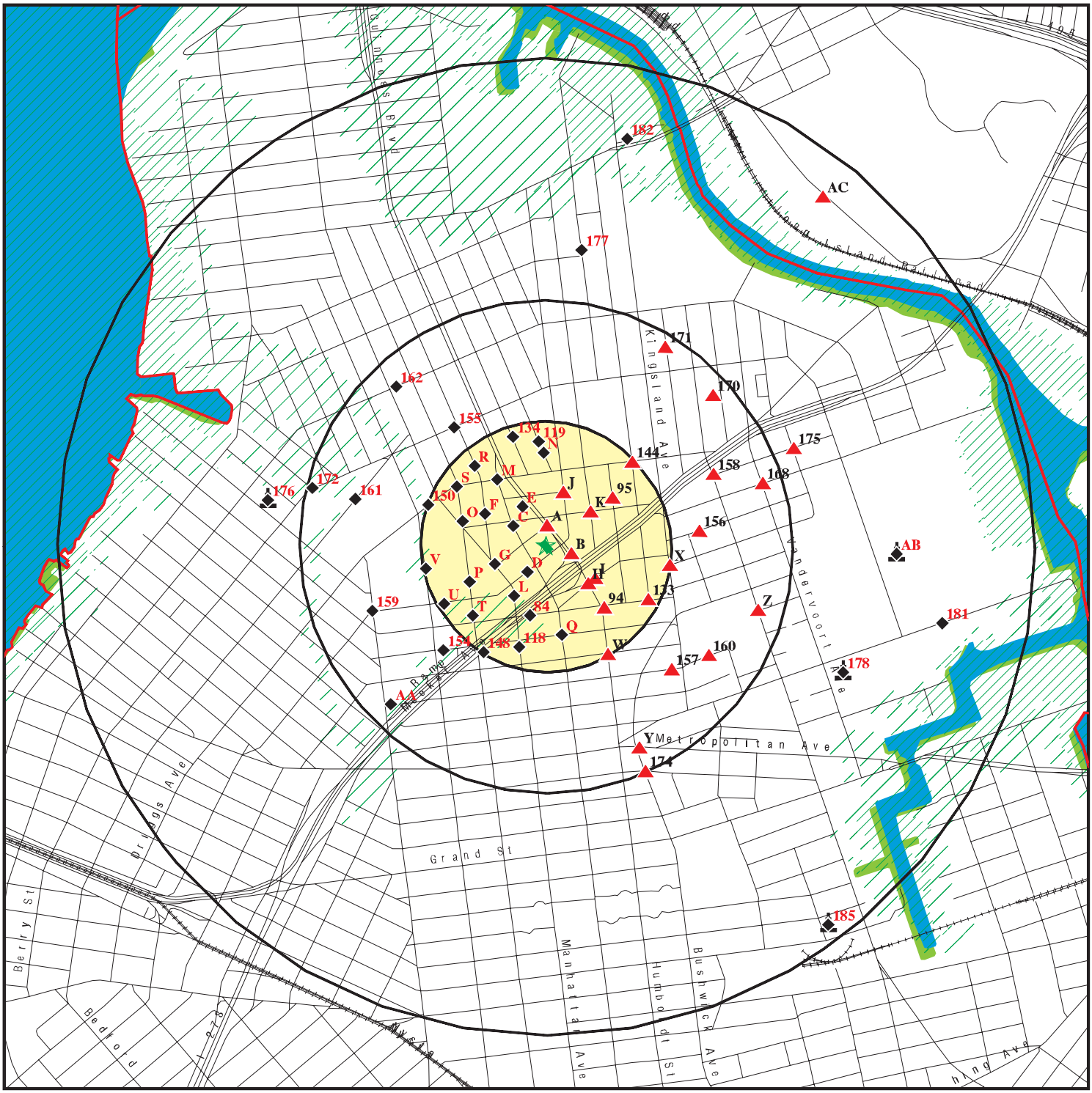
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	178 DRIGGS AVE	N 1/8 - 1/4 (0.146 mi.)	N85	24
Not reported	79 DRIGGS AVE	NE 1/8 - 1/4 (0.246 mi.)	144	36
Not reported	448 HUMBOLDT ST	SSE 1/8 - 1/4 (0.246 mi.)	W145	36

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	489 GRAHAM AVE	SSW 0 - 1/8 (0.039 mi.)	A14	10
Not reported	258 DRIGGS AVE	NW 1/8 - 1/4 (0.179 mi.)	R104	28
Not reported	425 GRAHAM AVE	S 1/8 - 1/4 (0.197 mi.)	Q113	30
Not reported	99 ECKFORD ST	NW 1/8 - 1/4 (0.209 mi.)	R120	31

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BRONX	1001224535	NEW YORK STATE DEPT OF TRANSPORTAT	EASTERN BLVD BRIDGE		RCRA NonGen / NLR, FINDS, NY MANIFEST
BRONX	1010488291	NYSDOT BIN 1066220	GRANT HIGHWAY OVER CROSS BRONX	11101	FINDS, NY MANIFEST
BROOKLYN	1001223896	GREAT LAKES DREDGE & DOCK	LI & BROOKLYN PORT-PIRR 8		RCRA NonGen / NLR, FINDS, NY MANIFEST
BROOKLYN	S107787353	EXIT 34	ROUTE 278 SOUTHBOUND		NY Spills
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE		NY MANIFEST
BROOKLYN	1001223897	GREAT LAKES DREDGE & DOCK	ATLANTIC AVE PIER 8N		RCRA NonGen / NLR, NY MANIFEST
BROOKLYN	1004761888	NYSDOT CONTRACT D258425	BQE CONNECTOR RAMP TO	11211	RCRA NonGen / NLR, FINDS
BROOKLYN	1001961420	A I S FURNITURE	BROOKLYN NAVY YARD BLDG 280		RCRA NonGen / NLR, FINDS
BROOKLYN	1004571797	COFFEY STREET	32-15 COLLEGE POINT BLVD		FINDS
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PARKWA		NY Spills
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		NY Spills
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		NY Spills
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA NonGen / NLR, NY MANIFEST
BROOKLYN	1001224574	NYSDOT	NAVY ST		RCRA NonGen / NLR, FINDS, NY MANIFEST
BROOKLYN	1004761051	PHOENIX MARINE AT PIER ONE	PORT AUTH BROOKLYN TERM PIER 1		RCRA NonGen / NLR, FINDS
BROOKLYN	1004759588	NYC BOARD OF EDUCATION PS 369 BKLY	887 STATE STREET	11217	RCRA NonGen / NLR, FINDS, NY MANIFEST
KINGS COUNTY	S109207895	205842; KINGS HWY	KINGS HWY		NY Spills
LONG ISLAND CITY	1004758973	NYCDOT	39TH STREET BRIDGE(SUNNY SIDE)	11101	RCRA NonGen / NLR, FINDS, NY MANIFEST
LONG ISLAND CITY	1004758556	NYSDOT	CLEARVIEW EXP #14	11101	RCRA NonGen / NLR, FINDS, NY MANIFEST
LONG ISLAND CITY	1004758555	NYSDOT	CLEARVIEW EXPWAY #13	11101	RCRA NonGen / NLR, FINDS, NY MANIFEST

OVERVIEW MAP - 3787737.2s

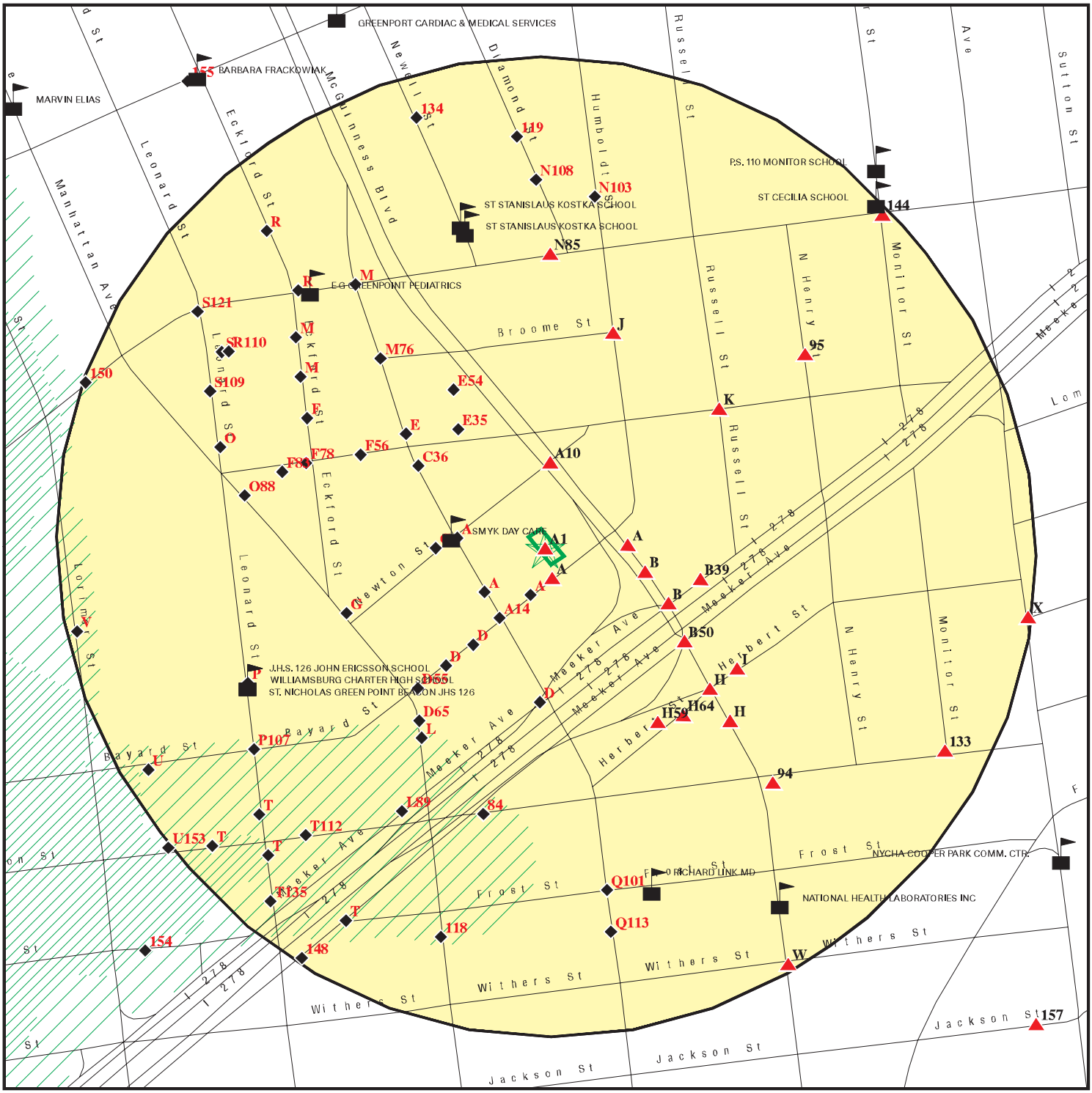


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year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

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: 171 Bayard Street	CLIENT: Env. Business Consultants
ADDRESS: 171 Bayard Street Brooklyn NY 11222	CONTACT: Kevin Brussee
LAT/LONG: 40.7207 / 73.9456	INQUIRY #: 3787737.2s DATE: November 15, 2013 5:51 pm

DETAIL MAP - 3787737.2s



- 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
- Indian Reservations BIA
- 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: 171 Bayard Street	CLIENT: Env. Business Consultants
ADDRESS: 171 Bayard Street Brooklyn NY 11222	CONTACT: Kevin Brussee
LAT/LONG: 40.7207 / 73.9456	INQUIRY #: 3787737.2s DATE: November 15, 2013 5:52 pm

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	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		1	0	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	1	NR	1
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		2	4	NR	NR	NR	6
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		1	5	NR	NR	NR	6
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								
NY SHWS	1.000		0	0	1	3	NR	4
NY VAPOR REOPENED	1.000		0	0	0	1	NR	1
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
NY LTANKS	0.500		2	4	18	NR	NR	24
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
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								
NY TANKS	0.250		0	0	NR	NR	NR	0
NY UST	0.250		3	11	NR	NR	NR	14
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY AST	0.250		2	12	NR	NR	NR	14
NY CBS AST	0.250		0	2	NR	NR	NR	2
NY MOSF AST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	2	NR	NR	NR	2
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								
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
NY RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY ERP	0.500		0	0	0	NR	NR	0
NY BROWNFIELDS	0.500		0	0	1	NR	NR	1
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
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	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
NY DEL SHWS	1.000		1	0	0	3	NR	4
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		1	2	NR	NR	NR	3
NY 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
NY 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		19	NR	NR	NR	NR	19
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	9	NR	NR	NR	11
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
US 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
RMP	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		1	0	0	NR	NR	1
NY UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		5	18	NR	NR	NR	23
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NY DRYCLEANERS	0.250		0	3	NR	NR	NR	3
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY E DESIGNATION	0.125	1	34	NR	NR	NR	NR	35
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	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
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	4	NR	4
EDR US Hist Auto Stat	0.250		7	11	NR	NR	NR	18
EDR US Hist Cleaners	0.250		1	6	NR	NR	NR	7

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
A1 **Target Property** **Actual: 19 ft.**	**LOT 44,TAXBLOCK 2720** **171 BAYARD STREET** **BROOKLYN, NY 11222** **Click here for full text details**	**NY E DESIGNATION**	**S108076617** **N/A**
A2 **SSE** **< 1/8** **0.007 mi.** **37 ft.** **Relative: Higher**	**LOT 19,TAXBLOCK 2720** **179 BAYARD STREET** **BROOKLYN, NY 11222** **Click here for full text details**	**NY E DESIGNATION**	**S108076357** **N/A**
A3 **South** **< 1/8** **0.009 mi.** **47 ft.** **Relative: Lower**	**LOT 41,TAXBLOCK 2720** **177 BAYARD STREET** **BROOKLYN, NY 11222** **Click here for full text details**	**NY E DESIGNATION**	**S108076604** **N/A**
A4 **South** **< 1/8** **0.014 mi.** **74 ft.** **Relative: Lower**	**LOT 43,TAXBLOCK 2720** **173 BAYARD STREET** **BROOKLYN, NY 11222** **Click here for full text details**	**NY E DESIGNATION**	**S108076615** **N/A**
A5 **SSW** **< 1/8** **0.019 mi.** **102 ft.** **Relative: Lower**	**LOT 45,TAXBLOCK 2720** **169 BAYARD STREET** **BROOKLYN, NY 11222** **Click here for full text details**	**NY E DESIGNATION**	**S108076622** **N/A**
A6 **SSW** **< 1/8** **0.022 mi.** **118 ft.** **Relative: Lower**	**LOT 46,TAXBLOCK 2720** **167 BAYARD STREET** **BROOKLYN, NY 11222** **Click here for full text details**	**NY E DESIGNATION**	**S108076626** **N/A**

A7
East
< 1/8
0.033 mi.
176 ft.

Relative:
Higher

FORMER GAS
550 HUMBOLT ST
BROOKLYN, NY

NY Spills | **S108982115**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0710898 / 1/15/2008

A8
East
< 1/8
0.034 mi.
182 ft.

Relative:
Higher

550 HUMBOLDT ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat | **1015549870**
N/A

Click here for full text details

A9
West
< 1/8
0.036 mi.
188 ft.

Relative:
Lower

LOT 9,TAXBLOCK 2720
514 GRAHAM AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION | **S108076737**
N/A

Click here for full text details

A10
North
< 1/8
0.036 mi.
188 ft.

Relative:
Higher

GREENPOINT
NEWTOWN & MEEKER/ROADWAY
BROOKLYN, NY

NY Spills | **S102150511**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9505087 / 9/16/2004

A11
SW
< 1/8
0.037 mi.
193 ft.

Relative:
Lower

UNITED AMBULETTE
495 GRAHAM AVE
BROOKLYN, NY

NY LTANKS | **S106737607**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0410348 / 5/3/2005

A12
SW
< 1/8
0.037 mi.
193 ft.

Relative:
Lower

TRICO ELECTRICAL CORP.
495 GRAHAM AVE
BROOKLYN, NY 11222

NY UST **U004129122**
N/A

Click here for full text details

NY UST
Id/Status:: 2-069140 / Unregulated
Id/Status:: 2-069140

A13
West
< 1/8
0.038 mi.
200 ft.

Relative:
Lower

LOT 10,TAXBLOCK 2720
516 GRAHAM AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S108076202**
N/A

Click here for full text details

A14
SSW
< 1/8
0.039 mi.
207 ft.

Relative:
Lower

489 GRAHAM AVE
BROOKLYN, NY 11222

EDR US Hist Cleaners **1015066623**
N/A

Click here for full text details

B15
ESE
< 1/8
0.043 mi.
228 ft.

Relative:
Higher

MANHOLE 55946B
HUMBOLT ST MCGUINESS ST
BROOKLYN, NY

NY Spills **S103937443**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9901924 / 1/29/2004

B16
ESE
< 1/8
0.043 mi.
228 ft.

Relative:
Higher

MANHOLE #55946B
HUMBOLD & MCCIBNEY ST
BROOKLYN, NY

NY Spills **S104195133**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9907207 / 2/3/2004

B17
ESE
< 1/8
0.044 mi.
232 ft.

Relative:
Higher

BROOKLYN QUEENS EXP
MEEKER/MCGUINNESS
BROOKLYN, NY

NY Spills **S104787817**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0005147 / 5/20/2002

C18
West
< 1/8
0.047 mi.
247 ft.

Relative:
Lower

CHLORINE FACTORY
126 NEWTON ST
BROOKLYN, NY

NY Spills **S103573612**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9809496 / 2/12/2003

C19
West
< 1/8
0.047 mi.
247 ft.

Relative:
Lower

LOT 14,TAXBLOCK 2719
126 NEWTON STREET
BROOKLYN, NY 11222

NY E DESIGNATION **S108076285**
N/A

Click here for full text details

C20
West
< 1/8
0.048 mi.
254 ft.

Relative:
Lower

COMMERCIAL PROPERTY
120 NEWTON AVENUE
BROOKLYN, NY

NY Spills **S106720182**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0408368 / 7/25/2005

C21
West
< 1/8
0.048 mi.
256 ft.

Relative:
Lower

LOT 7502,TAXBLOCK 2719
122 NEWTON STREET
BROOKLYN, NY

NY E DESIGNATION **S113453311**
N/A

Click here for full text details

C22
West
< 1/8
0.049 mi.
261 ft.

Relative:
Lower

LOT 30,TAXBLOCK 2714
125 NEWTON STREET
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076506
N/A

C23
West
< 1/8
0.049 mi.
261 ft.

Relative:
Lower

LOT 32,TAXBLOCK 2714
119 NEWTON STREET
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076529
N/A

C24
West
< 1/8
0.049 mi.
261 ft.

Relative:
Lower

LOT 11,TAXBLOCK 2719
122 NEWTON STREET
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076227
N/A

B25
ESE
< 1/8
0.056 mi.
294 ft.

Relative:
Higher

MCGUINESS BLVD & BQE
MCGUINESS BLVD & BQE
BROOKLYN, NY

Click here for full text details

NY Spills

NY Spills

S104789585
N/A

NY Spills
Spill Number/Closed Date: 0007090 / 10/5/2000

B26
ESE
< 1/8
0.056 mi.
294 ft.

Relative:
Higher

IN ROADWAY
BROOKLYN QUEENS EXPRESSWAY @ MCGUINNESS BLVD
BROOKLYN, NY

Click here for full text details

NY Spills

NY Spills

S106126394
N/A

NY Spills
Spill Number/Closed Date: 0308472 / 11/13/2003

B27
ESE
< 1/8
0.056 mi.
294 ft.

Relative:
Higher

MEEKER AVE/MCGUINESS BLVD
MEEKER AVE/MCGUINESS BLVD
BROOKLYN, NY

NY Spills **S104787824**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0005156 / 8/25/2000

B28
ESE
< 1/8
0.056 mi.
294 ft.

Relative:
Higher

BROOKLYN QUEENS EXPRESSWA
AND HUMBLE STREET
BROOKLYN, NY

NY Spills **S106013575**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0301048 / 4/29/2003

B29
ESE
< 1/8
0.056 mi.
294 ft.

Relative:
Higher

BROOKLYN/QUEENS EXPWY
AND MCGINNIS BLVD
BROOKLYN, NY

NY Spills **S103569915**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9608808 / 2/24/2003

B30
ESE
< 1/8
0.056 mi.
294 ft.

Relative:
Higher

BKLYN QUNS EXPWY/HUMBOLT
BQE NORTHBOUND/HUMBOLT ST
NEW YORK CITY, NY

NY Spills **S102145142**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 8804872 / 9/2/1988

D31
SW
< 1/8
0.059 mi.
312 ft.

Relative:
Lower

LOT 18,TAXBLOCK 2724
146 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION **S108076347**
N/A

Click here for full text details

B32
ESE
< 1/8
0.061 mi.
321 ft.

Relative:
Higher

LOT 1,TAXBLOCK 2727
497 MEEKER AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION

S108076186
N/A

Click here for full text details

B33
ESE
< 1/8
0.061 mi.
321 ft.

Relative:
Higher

MOBIL OIL CORP SS #FX9
550 HUMBOLDT ST
BROOKLYN, NY 11222

RCRA NonGen / NLR
NY LTANKS
NY UST
NY Spills

1000553844
NYD986962785

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD986962785

NY LTANKS
Spill Number/Closed Date: 9007766 / Not Reported

NY UST
Id/Status:: 2-157295 / Active
Id/Status:: 2-157295

NY Spills
Spill Number/Closed Date: 1011266 / Not Reported
Spill Number/Closed Date: 0508671 / 12/22/2006

D34
SW
< 1/8
0.066 mi.
350 ft.

Relative:
Lower

LOT 31,TAXBLOCK 2719
143 BAYARD STREET
BROOKLYN, NY 11222

NY E DESIGNATION

S108076520
N/A

Click here for full text details

E35
NW
< 1/8
0.068 mi.
359 ft.

Relative:
Lower

GREEN POINT CAR WASH, INC.
(AKA AUTOCLEAN CARWASH, INC.)
BROOKLYN, NY

NY Spills

S108763941
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0705867 / 9/13/2007

C36
WNW
< 1/8
0.070 mi.
367 ft.

Relative:
Lower

534 GRAHAM AVENUE HDFC
534 GRAHAM AVENUE
BROOKLYN, NY 11222

NY AST **U003394636**
NY HIST AST **N/A**

Click here for full text details

NY AST
Facility Id: 2-466832

NY HIST AST
PBS Number: 2-466832

D37
South
< 1/8
0.073 mi.
385 ft.

Relative:
Lower

LOT 30,TAXBLOCK 2724
435 MEEKER AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S108076508**
N/A

Click here for full text details

D38
South
< 1/8
0.073 mi.
386 ft.

Relative:
Lower

LOT 31,TAXBLOCK 2724
433 MEEKER AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S108076521**
N/A

Click here for full text details

B39
ESE
< 1/8
0.073 mi.
388 ft.

Relative:
Higher

LOT 47,TAXBLOCK 2727
511 MEEKER AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S108076628**
N/A

Click here for full text details

D40
South
< 1/8
0.075 mi.
394 ft.

Relative:
Lower

CITY BARREL & DRUM CO INC
421 MEEKER AVE
BROOKLYN, NY 11222

CERC-NFRAP **1015735637**
RCRA NonGen / NLR **NYD068298835**

Click here for full text details

CERC-NFRAP
EPA Id: NYD068298835

RCRA NonGen / NLR
EPA Id: NYD068298835

D41
South
< 1/8
0.075 mi.
394 ft.

Relative:
Lower

421 MEEKER AVE
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat **1015486804**
N/A

D42
South
< 1/8
0.075 mi.
394 ft.

Relative:
Lower

CITY BARREL
421 MEEKER STREET
BROOKLYN, NY 11222

Click here for full text details

NY HSWDS **S108146441**
N/A

D43
South
< 1/8
0.075 mi.
395 ft.

Relative:
Lower

LOT 34,TAXBLOCK 2724
419 MEEKER AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION **S108076545**
N/A

D44
South
< 1/8
0.075 mi.
396 ft.

Relative:
Lower

LOT 37,TAXBLOCK 2724
417 MEEKER AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION **S108076571**
N/A

D45
South
< 1/8
0.076 mi.
399 ft.

Relative:
Lower

CITY BARREL CO.
421-429 MEEKER STREET
BROOKLYN, NY 11378

Click here for full text details

NY DEL SHWS
Site Code Id: 224005

NY DEL SHWS **S105972440**
N/A

D46
South
< 1/8
0.076 mi.
399 ft.

Relative:
Lower

413 MEEKER AVE
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat **1015481317**
N/A

D47
South
< 1/8
0.076 mi.
400 ft.

Relative:
Lower

LOT 1,TAXBLOCK 2724
411 MEEKER AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076185
N/A

D48
SW
< 1/8
0.077 mi.
407 ft.

Relative:
Lower

LOT 32,TAXBLOCK 2719
137 BAYARD STREET
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076530
N/A

D49
SW
< 1/8
0.077 mi.
407 ft.

Relative:
Lower

137 BAYARD ST
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat

1015214902
N/A

B50
SE
< 1/8
0.078 mi.
413 ft.

Relative:
Higher

MEEKER AVE & HUMBOLDT ST
MEEKER AVE & HUMBOLDT ST
BROOKLYN, NY

Click here for full text details

NY Spills
Spill Number/Closed Date: 9509231 / 10/31/1995

NY Spills

S102151020
N/A

E51
NW
< 1/8
0.080 mi.
425 ft.

Relative:
Lower

LOT 1,TAXBLOCK 2701
540 GRAHAM AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S109318047
N/A

E52
NW
< 1/8
0.085 mi.
448 ft.

Relative:
Lower

LOT 2,TAXBLOCK 2701
542 GRAHAM AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S109318057
N/A

D53
SW
< 1/8
0.087 mi.
459 ft.

Relative:
Lower

LOT 12,TAXBLOCK 2724
134 BAYARD STREET
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076249
N/A

E54
NNW
< 1/8
0.087 mi.
459 ft.

Relative:
Lower

LOT 50,TAXBLOCK 2701
MCGUINNESS BOULEVARD
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076661
N/A

D55
SW
< 1/8
0.096 mi.
508 ft.

Relative:
Lower

LOT 10,TAXBLOCK 2724
130 BAYARD STREET
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076204
N/A

F56
WNW
< 1/8
0.099 mi.
523 ft.

Relative:
Lower

LOT 13,TAXBLOCK 2714
100 ENGERT AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076263
N/A

G57
WSW
< 1/8
0.100 mi.
530 ft.

Relative:
Lower

7 NEWTON ST
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat

1015603782
N/A

G58
WSW
< 1/8
0.100 mi.
530 ft.

Relative:
Lower

7 NEWTON ST
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat

1015604060
N/A

H59
SSE
< 1/8
0.101 mi.
531 ft.

Relative:
Higher

RESIDENTS
2526 HERBERT STREET
BROOKLYN, NY

NY Spills

S106011083
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 0210902 / 2/24/2006

G60
WSW
< 1/8
0.104 mi.
548 ft.

Relative:
Lower

LOT 7501,TAXBLOCK 2719
460 MANHATTAN AVENUE
BROOKLYN, NY

NY E DESIGNATION

S113453288
N/A

Click here for full text details

H61
SE
< 1/8
0.105 mi.
552 ft.

Relative:
Higher

EXIT RAMP OFF BQ EXPRESSW
HERBERT ST & HUMBOLDT ST
BROOKLYN, NY

NY Spills

S103937851
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 9902388 / 6/7/1999

H62
SE
< 1/8
0.105 mi.
552 ft.

Relative:
Higher

CONSOLIDATED EDISON
HUMBOLT ST & HERBERT ST
BROOKLYN, NY

NY MANIFEST

1009242621
N/A

Click here for full text details

G63
WSW
< 1/8
0.105 mi.
552 ft.

Relative:
Lower

LOT 33,TAXBLOCK 2714
470 MANHATTAN AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION

S108076537
N/A

Click here for full text details

H64
SE
< 1/8
0.105 mi.
556 ft.

Relative: Higher

DRASON ENTERPRISE INC.
28 HERBERT STREET
BROOKLYN, NY 10463

NY UST **U003297781**
NY HIST UST **N/A**

Click here for full text details

NY UST
Id/Status:: 2-406635 / Administratively Closed
Id/Status:: 2-406635

NY HIST UST
PBS Number: 2-406635

D65
SW
< 1/8
0.108 mi.
571 ft.

Relative: Lower

434 MANHATTAN AVE
BROOKLYN, NY 11222

EDR US Hist Auto Stat **1015494330**
N/A

Click here for full text details

I66
ESE
< 1/8
0.109 mi.
578 ft.

Relative: Higher

43 HERBERT STREET,BKLYN/R
43 HERBERT ST
BROOKLYN, NY

NY Spills **S102144306**
N/A

Click here for full text details

NY Spills
Spill Number/Closed Date: 8606018 / 12/23/1986

I67
ESE
< 1/8
0.109 mi.
578 ft.

Relative: Higher

162ND PRECINCT
43 HERBERT STREET
BROOKLYN, NY 11222

NY AST **A100321680**
N/A

Click here for full text details

NY AST
Facility Id: 2-610949

I68
ESE
< 1/8
0.109 mi.
578 ft.

Relative: Higher

162 PRECINCT
43 HERBERT ST
BROOKLYN, NY 11222

RCRA-CESQG **1011863508**
NYR000160200

Click here for full text details

RCRA-CESQG
EPA Id: NYR000160200

J69
NNE
< 1/8
0.111 mi.
584 ft.

Relative:
Higher

CON EDISON - MANHOLE 4401
HUMBOLDT ST & BROOME ST
BROOKLYN, NY 11222

RCRA-LQG **1014396352**
NYP004186169

Click here for full text details

RCRA-LQG
EPA Id: NYP004186169

J70
NNE
< 1/8
0.111 mi.
584 ft.

Relative:
Higher

CONSOLIDATED EDISON
HUMBOLDT ST & BROOME ST
BROOKLYN, NY 11222

NY MANIFEST **S110046402**
N/A

Click here for full text details

K71
NE
< 1/8
0.113 mi.
598 ft.

Relative:
Higher

CON EDISON - MANHOLE 64590
RUSSELL ST & ENGERT AVE
BROOKLYN, NY 11222

RCRA-LQG **1014396354**
NYP004186185

Click here for full text details

RCRA-LQG
EPA Id: NYP004186185

K72
NE
< 1/8
0.113 mi.
598 ft.

Relative:
Higher

CONSOLIDATED EDISON
RUSSELL ST & ENGERT AVE
BROOKLYN, NY 11222

NY MANIFEST **S110046631**
N/A

Click here for full text details

L73
SSW
< 1/8
0.114 mi.
604 ft.

Relative:
Lower

LOT 7,TAXBLOCK 2724
430 MANHATTAN AVENUE
BROOKLYN, NY 11222

NY E DESIGNATION **S109318080**
N/A

Click here for full text details

L74
SSW
< 1/8
0.119 mi.
629 ft.

Relative:
Lower

LOT 29,TAXBLOCK 2723
417 MANHATTAN AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076489
N/A

L75
SSW
< 1/8
0.123 mi.
647 ft.

Relative:
Lower

LOT 30,TAXBLOCK 2723
415 MANHATTAN AVENUE
BROOKLYN, NY 11222

Click here for full text details

NY E DESIGNATION

S108076507
N/A

M76
NW
< 1/8
0.123 mi.
648 ft.

Relative:
Lower

CONSOLIDATED EDISON
BROOME ST & GRAHAM AVE
BROOKLYN, NY

Click here for full text details

NY MANIFEST

S107738338
N/A

H77
SE
< 1/8
0.124 mi.
655 ft.

Relative:
Higher

CON EDISON
502 HUMBOLT ST
BROOKLYN, NY 11222

Click here for full text details

NY MANIFEST

S113816736
N/A

F78
WNW
< 1/8
0.124 mi.
655 ft.

Relative:
Lower

LOT 7502,TAXBLOCK 2713
84 ENGERT AVENUE
BROOKLYN, NY

Click here for full text details

NY E DESIGNATION

S113453310
N/A

H79
SE
1/8-1/4
0.133 mi.
702 ft.

Relative:
Higher

498 HUMBOLDT ST
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat

1015519985
N/A

F80
WNW
1/8-1/4
0.133 mi.
702 ft.

Relative:
Lower

44 ECKFORD ST
55 ECKFORD STREET
BROOKLYN, NY 11222

NY AST **A100319040**
N/A

Click here for full text details

NY AST
Facility Id: 2-268666

F81
WNW
1/8-1/4
0.133 mi.
702 ft.

Relative:
Lower

BERKMAN BROS. INC.
55 ECKFORD ST.
BROOKLYN, NY 11222

NY CBS AST **S100494954**
N/A

Click here for full text details

NY CBS AST
CBS Number: 2-000058
Facility Status: ACTIVE FACILITY

F82
WNW
1/8-1/4
0.133 mi.
702 ft.

Relative:
Lower

BERKMAN BROS INC
ECKFORD ST
BROOKLYN, NY 11222

RCRA-CESQG **1000271415**
FINDS **NYD001236017**
NY LTANKS
NY MANIFEST
NY CBS

Click here for full text details

RCRA-CESQG
EPA Id: NYD001236017

NY LTANKS
Spill Number/Closed Date: 9214462 / 3/31/1993

NY CBS
Facility Status: Unregulated
CBS Number: 2-000058

F83
WNW
1/8-1/4
0.135 mi.
713 ft.

Relative:
Lower

SAMTONE REALTY
6110 ENGERT AVENUE
BKLYN, NY 11222

NY AST **U003393381**
NY HIST AST **N/A**

Click here for full text details

NY AST
Facility Id: 2-338923

NY HIST AST
PBS Number: 2-338923

84
SSW
1/8-1/4
0.137 mi.
723 ft.

Relative:
Lower

136 RICHARDSON ST
BROOKLYN, NY 11211

Click here for full text details

EDR US Hist Auto Stat

1015213780
N/A

N85
North
1/8-1/4
0.146 mi.
770 ft.

Relative:
Higher

178 DRIGGS AVE
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Cleaners

1015005810
N/A

M86
NW
1/8-1/4
0.148 mi.
779 ft.

Relative:
Lower

CON EDISON
65 ECKFORD ST
BROOKLYN, NY 11211

Click here for full text details

NY MANIFEST

S113495711
N/A

M87
NW
1/8-1/4
0.148 mi.
779 ft.

Relative:
Lower

CARTER SPRAY FINISHING CORP
65 ECKFORD ST
BROOKLYN, NY 11222

Click here for full text details

RCRA-CESQG
TRIS
FTTS
HIST FTTS
NY CBS AST
NY MANIFEST
NY CBS
US AIRS

1000400665
11222CRTRS65ECK

RCRA-CESQG
EPA Id: NYD001547397

NY CBS AST
CBS Number: 2-000005
Facility Status: ACTIVE FACILITY

NY CBS
Facility Status: Unregulated
CBS Number: 2-000005

O88
West
1/8-1/4
0.152 mi.
802 ft.

Relative:
Lower

ALL AMERICAN INSTALLATIONS, INC.
510 MANHATTAN AVE
BROOKLYN, NY 11222

Click here for full text details

NY UST
Id/Status:: 2-609759 / Unregulated
Id/Status:: 2-609759

NY UST **U004045929**
N/A

L89
SSW
1/8-1/4
0.152 mi.
805 ft.

Relative:
Lower

391 MEEKER AVE
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat **1015463686**
N/A

M90
NW
1/8-1/4
0.162 mi.
856 ft.

Relative:
Lower

CON EDISON MANHOLE M64806
GRAHAM AVE & DRIGGS ST
BROOKLYN, NY 11222

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYP004139374

RCRA NonGen / NLR **1010326142**
NY MANIFEST **NYP004139374**

M91
NW
1/8-1/4
0.162 mi.
856 ft.

Relative:
Lower

CONSOLIDATED EDISON
DRIGGS AVE & GRAHAM AVE
BROOKLYN, NY

Click here for full text details

NY MANIFEST **S107738171**
N/A

M92
NW
1/8-1/4
0.162 mi.
857 ft.

Relative:
Lower

ROYS REBUILT & ALTERNATORS
75 ECKFORD STREET
BROOKLYN, NY 11222

Click here for full text details

NY AST
Facility Id: 2-607449

NY AST **A100295868**
N/A

M93
NW
1/8-1/4
0.162 mi.
857 ft.

Relative:
Lower

75 ECKFORD ST
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat **1015624504**
N/A

94
SE
1/8-1/4
0.163 mi.
862 ft.

Relative:
Higher

ST. PAULS CENTER
484 HUMBOLDT STREET
BROOKLYN, NY 11222

Click here for full text details

NY UST **U001841250**
NY HIST UST **N/A**

NY UST
Id/Status:: 2-600002 / Unregulated
Id/Status:: 2-600002

NY HIST UST
PBS Number: 2-600002

95
NE
1/8-1/4
0.167 mi.
880 ft.

Relative:
Higher

A J S PUMPING CO
104 N HENRY ST
BROOKLYN, NY

Click here for full text details

RCRA NonGen / NLR **1000375502**
FINDS **NYD980766133**

RCRA NonGen / NLR
EPA Id: NYD980766133

P96
WSW
1/8-1/4
0.168 mi.
885 ft.

Relative:
Lower

I S 126
424 LEONARD ST
BKLN, NY 11222

Click here for full text details

NY AST **U003394340**
NY HIST AST **N/A**

NY AST
Facility Id: 2-356476

NY HIST AST
PBS Number: 2-356476

P97
WSW
1/8-1/4
0.168 mi.
885 ft.

Relative:
Lower

NYC BD OF ED - IS 126K
424 LEONARD ST
BROOKLYN, NY 11222

RCRA-CESQG
FINDS
NY MANIFEST

1005444371
NYR000106922

Click here for full text details

RCRA-CESQG
EPA Id: NYR000106922

O98
WNW
1/8-1/4
0.168 mi.
886 ft.

Relative:
Lower

H T JEWELRY MFG CO INC
477 LEONARD ST
BROOKLYN, NY 11222

RCRA NonGen / NLR
FINDS
NY MANIFEST

1001229448
NYR000060665

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYR000060665

O99
WNW
1/8-1/4
0.170 mi.
898 ft.

Relative:
Lower

474 LEONARD STREET, LLC
474 LEONARD STREET
BROOKLYN, NY 11222

NY UST

U004045580
N/A

Click here for full text details

NY UST
Id/Status:: 2-609386 / Unregulated
Id/Status:: 2-609386

O100
WNW
1/8-1/4
0.170 mi.
898 ft.

Relative:
Lower

474 LEONARD ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat

1015512022
N/A

Click here for full text details

Q101
South
1/8-1/4
0.175 mi.
923 ft.

Relative:
Lower

CON EDISON MANHOLE 4916
GRAHAM AVE & FROST ST
BROOKLYN, NY 11204

RCRA NonGen / NLR
NY MANIFEST

1010326778
NYP004143004

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYP004143004

R102
NW
1/8-1/4
0.177 mi.
932 ft.

Relative:
Lower

CARTER SPRAY-257 DRIGGS AVE
257 DRIGGS AVE
BROOKLYN, NY 11222

RCRA NonGen / NLR **1000400684**
FINDS **NYD980593073**
US AIRS

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD980593073

N103
North
1/8-1/4
0.178 mi.
941 ft.

Relative:
Lower

ST. STANISLAUS KOSTKA RC CHURCH
185 DRIGGS AVENUE (607 HUMBOLDT STREET)
BROOKLYN, NY 11222

NY AST **U003389147**
NY HIST AST **N/A**

Click here for full text details

NY AST
Facility Id: 2-294055

NY HIST AST
PBS Number: 2-294055

R104
NW
1/8-1/4
0.179 mi.
943 ft.

Relative:
Lower

258 DRIGGS AVE
BROOKLYN, NY 11222

EDR US Hist Cleaners **1015029508**
N/A

Click here for full text details

R105
NW
1/8-1/4
0.179 mi.
943 ft.

Relative:
Lower

T & N/HTN FRENCH CLEANERS
258 DRIGGS AVENUE
BROOKLYN, NY 11222

NY MANIFEST **S110248074**
NY DRYCLEANERS **N/A**

Click here for full text details

NY DRYCLEANERS
Facility Id: 2-6101-00956

R106
NW
1/8-1/4
0.179 mi.
943 ft.

Relative:
Lower

T & N FRENCH CLEANERS
258 DRIGGS AVE
BROOKLYN, NY 11222

RCRA-CESQG **1004756800**
PA MANIFEST **NYD982184954**
US AIRS

Click here for full text details

RCRA-CESQG
EPA Id: NYD982184954

P107
SW
1/8-1/4
0.184 mi.
971 ft.

Relative:
Lower

CONSOLIDATED EDISON
BAYARD ST & LEONARD ST
BROOKLYN, NY

NY MANIFEST **S108933250**
N/A

Click here for full text details

N108
North
1/8-1/4
0.185 mi.
977 ft.

Relative:
Lower

JAN & JANNA ROTH
19 DIAMOND ST
BROOKLYN, NY 11222

NY AST **U004077345**
N/A

Click here for full text details

NY AST
Facility Id: 2-272205

S109
WNW
1/8-1/4
0.185 mi.
979 ft.

Relative:
Lower

493 LEONARD ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat **1015518650**
N/A

Click here for full text details

R110
WNW
1/8-1/4
0.187 mi.
986 ft.

Relative:
Lower

BRUMAR SHEET METAL INC
498 LEONARD STREET
BROOKLYN, NY 11222

NY LTANKS **S108076226**
NY Spills **N/A**
NY E DESIGNATION

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0212132 / 9/26/2006
Spill Number/Closed Date: 1206982 / Not Reported

NY Spills
Spill Number/Closed Date: 1205075 / Not Reported

S111
WNW
1/8-1/4
0.190 mi.
1002 ft.

Relative:
Lower

BRUMAR SHEET METAL
498 LEONARD STREET
BROOKLYN, NY 11222

NY UST **U004046231**
N/A

Click here for full text details

NY UST
Id/Status:: 2-608752 / Active
Id/Status:: 2-608752

T112
SW
1/8-1/4
0.193 mi.
1021 ft.

Relative:
Lower

ISRAEL M DOLGIN ASSOC
101 RICHARDSON STREET
BROOKLYN, NY 11211

NY UST **U004047204**
N/A

Click here for full text details

NY UST
Id/Status:: 2-090301 / Unregulated
Id/Status:: 2-090301

Q113
South
1/8-1/4
0.197 mi.
1040 ft.

Relative:
Lower

425 GRAHAM AVE
BROOKLYN, NY 11211

EDR US Hist Cleaners **1015059608**
N/A

Click here for full text details

S114
WNW
1/8-1/4
0.197 mi.
1041 ft.

Relative:
Lower

LVSTIG BROS INC
501 LEONARD ST
BROOKLYN, NY 11222

RCRA NonGen / NLR **1000411654**
FINDS **NYD001235951**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD001235951

S115
WNW
1/8-1/4
0.197 mi.
1041 ft.

Relative:
Lower

501 LEONARD ST
BROOKLYN, NY 11222

EDR US Hist Auto Stat **1015523978**
N/A

Click here for full text details

T116
SW
1/8-1/4
0.203 mi.
1074 ft.

Relative:
Lower

D L BRENNER & SONS INC
407 LEONARD ST
BROOKLYN, NY 11222

NY UST **U000400141**
NY HIST UST **N/A**
NY MANIFEST
NY Spills

Click here for full text details

NY UST
Id/Status:: 2-257958 / Unregulated
Id/Status:: 2-257958

NY HIST UST
PBS Number: 2-257958

NY Spills

D L BRENNER & SONS INC (Continued) **U000400141**

Spill Number/Closed Date: 0130048 / 2/18/2005

T117
SW
1/8-1/4
0.203 mi.
1074 ft.

Relative:
Lower

GRAF AIR PROPERTY
407 LEONARD ST
BROOKLYN, NY

RCRA NonGen / NLR **1000457706**
FINDS **NYD986929677**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD986929677

118
SSW
1/8-1/4
0.205 mi.
1085 ft.

Relative:
Lower

INTER MASTER CORP
387 MANHATTAN AVE.
BROOKLYN, NY 11211

NY UST **U004118654**
N/A

Click here for full text details

NY UST
Id/Status:: 2-610788 / Unregulated
Id/Status:: 2-610788

119
North
1/8-1/4
0.208 mi.
1099 ft.

Relative:
Lower

31 DIAMOND STV BKLYN NY
31 DIAMOND STREET
BKLYN, NY 11222

NY AST **U003391878**
NY HIST AST **N/A**

Click here for full text details

NY AST
Facility Id: 2-364355

NY HIST AST
PBS Number: 2-364355

R120
NW
1/8-1/4
0.209 mi.
1103 ft.

Relative:
Lower

99 ECKFORD ST
BROOKLYN, NY 11222

EDR US Hist Cleaners **1015109868**
N/A

Click here for full text details

S121
NW
1/8-1/4
0.212 mi.
1120 ft.

Relative:
Lower

285 DRIGGS AVE
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Auto Stat **1015389505**
N/A

R122
NW
1/8-1/4
0.213 mi.
1126 ft.

Relative:
Lower

101 ECKFORD ST
101 ECKFORD STREET
BROOKLYN, NY

Click here for full text details

NY LTANKS **S102238460**
NY Spills **N/A**

NY LTANKS
Spill Number/Closed Date: 0609437 / 11/22/2006

NY Spills
Spill Number/Closed Date: 0612279 / 2/8/2007
Spill Number/Closed Date: 0511246 / 1/4/2006
Spill Number/Closed Date: 9511565 / 12/13/1995
Spill Number/Closed Date: 9310560 / 12/1/1993

T123
SW
1/8-1/4
0.215 mi.
1134 ft.

Relative:
Lower

392 LEONARD ST
BROOKLYN, NY 11211

Click here for full text details

EDR US Hist Auto Stat **1015464197**
N/A

T124
SW
1/8-1/4
0.215 mi.
1134 ft.

Relative:
Lower

A-I AUTO REPAIRS INC.
392 LEONARD STREET
BROOKLYN, NY 11211

Click here for full text details

NY AST **A100343935**
N/A

NY AST
Facility Id: 2-611136

T125
SW
1/8-1/4
0.215 mi.
1134 ft.

Relative:
Lower

GAS STATION
392 LEONARD STREET
BROOKLYN, NY

Click here for full text details

NY LTANKS **S104648903**
NY Spills **N/A**

NY LTANKS
Spill Number/Closed Date: 0310672 / 12/16/2003

NY Spills

GAS STATION (Continued) **S104648903**

Spill Number/Closed Date: 9900802 / 8/10/1999
Spill Number/Closed Date: 0610686 / 8/26/2010

T126
SW
1/8-1/4
0.215 mi.
1134 ft.

Relative:
Lower

278 FUEL STOP, INC. **NY UST** **U003031010**
392 LEONARD STREET **N/A**
BROOKLYN, NY 11211

Click here for full text details

NY UST
Id/Status:: 2-510793 / Active
Id/Status:: 2-510793

T127
SSW
1/8-1/4
0.218 mi.
1149 ft.

Relative:
Lower

372 MEEKER AVE **EDR US Hist Auto Stat** **1015454846**
BROOKLYN, NY 11211 **N/A**

Click here for full text details

T128
SSW
1/8-1/4
0.220 mi.
1163 ft.

Relative:
Lower

CONSOLIDATED EDISON **NY MANIFEST** **S108650787**
MEEKER AVE AND FROST ST **N/A**
BROOKLYN, NY 11211

Click here for full text details

T129
SSW
1/8-1/4
0.220 mi.
1163 ft.

Relative:
Lower

CON EDISON MANHOLE 64805 **RCRA NonGen / NLR** **1010787507**
MEEKER AVE & FROST ST **NYP004150322**
BROOKLYN, NY 11211

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYP004150322

T130
SW
1/8-1/4
0.224 mi.
1183 ft.

Relative:
Lower

395 LEONARD STREET **NY UST** **U004197461**
395 LEONARD ST **N/A**
BROOKLYN, NY 11211

Click here for full text details

NY UST
Id/Status:: 2-612036 / Unregulated
Id/Status:: 2-612036

T131
SW
1/8-1/4
0.224 mi.
1183 ft.

Relative:
Lower

88 RICHARDSON LLC
395 LEONARD ST
BROOKLYN, NY 11211

NY MANIFEST **S113816946**
N/A

Click here for full text details

T132
SW
1/8-1/4
0.224 mi.
1183 ft.

Relative:
Lower

88 RICHARDSON LLC
395 LEONARD ST
BROOKLYN, NY 11211

RCRA-LQG **1016144483**
NYR000200659

Click here for full text details

RCRA-LQG
EPA Id: NYR000200659

133
ESE
1/8-1/4
0.227 mi.
1197 ft.

Relative:
Higher

ST CECILIA SCHOOL
1-15 MONITOR ST
BROOKLYN, NY 11222

NY AST **U003386613**
NY HIST AST **N/A**

Click here for full text details

NY AST
Facility Id: 2-243418

NY HIST AST
PBS Number: 2-243418

134
NNW
1/8-1/4
0.228 mi.
1202 ft.

Relative:
Lower

CONSOLIDATED EDISON MH4428
MH4428 40 NEWELL ST
BROOKLYN, NY

NY MANIFEST **S110046909**
N/A

Click here for full text details

T135
SW
1/8-1/4
0.232 mi.
1225 ft.

Relative:
Lower

ALL BORO
391 LEONARD STREET
BROOKLYN, NY 11211

NY AST **A100292993**
N/A

Click here for full text details

NY AST
Facility Id: 2-609713

T136
SW
1/8-1/4
0.233 mi.
1231 ft.

Relative:
Lower

FDNY ENGINE 229 / LADDER 146
75 RICHARDSON STREET
BROOKLYN, NY 11211

NY AST **U003178517**
N/A

Click here for full text details

NY AST
Facility Id: 2-600510

T137
SW
1/8-1/4
0.233 mi.
1231 ft.

Relative:
Lower

NYC FIRE DEPT ENGINE CO 229
75 RICHARDSON ST
BROOKLYN, NY 11211

RCRA NonGen / NLR **1001197486**
FINDS **NYR000040410**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYR000040410

T138
SW
1/8-1/4
0.233 mi.
1231 ft.

Relative:
Lower

FDNY ENGINE 229 / LADDER 146
75 RICHARDSON STREET
BROOKLYN, NY 11211

NY UST **U004078047**
N/A

Click here for full text details

NY UST
Id/Status:: 2-600510 / Unregulated
Id/Status:: 2-600510

U139
WSW
1/8-1/4
0.236 mi.
1247 ft.

Relative:
Lower

BAYARD HOUSE LLC
60-64 BAYARD STREET
BROOKLYN, NY 11222

NY MANIFEST **S108933032**
N/A

Click here for full text details

U140
WSW
1/8-1/4
0.236 mi.
1247 ft.

Relative:
Lower

BAYARD HOUSE, LLC
60-64 BAYARD STREET
BROOKLYN, NY 11201

RCRA-LQG **1010566463**
NYR000151118

Click here for full text details

RCRA-LQG
EPA Id: NYR000151118

V141
West
1/8-1/4
0.244 mi.
1290 ft.

Relative:
Lower

MCCARREN PARK POOL
776 LORIMER STREET
BROOKLYN, NY 11222

Click here for full text details

NY UST
Id/Status:: 2-611514 / Unregulated
Id/Status:: 2-611514

NY UST **U004177701**
N/A

V142
West
1/8-1/4
0.244 mi.
1290 ft.

Relative:
Lower

NYC DEPT OF PARKS
776 LORIMER STREET
BROOKLYN, NY 11222

Click here for full text details

NY MANIFEST **S112141257**
N/A

V143
West
1/8-1/4
0.244 mi.
1290 ft.

Relative:
Lower

NYC DEPT OF PARKS
776 LORIMER STREET
BROOKLYN, NY 11222

Click here for full text details

RCRA-LQG
EPA Id: NYR000179333

RCRA-LQG **1014399843**
NYR000179333

144
NE
1/8-1/4
0.246 mi.
1298 ft.

Relative:
Higher

79 DRIGGS AVE
BROOKLYN, NY 11222

Click here for full text details

EDR US Hist Cleaners **1015095780**
N/A

W145
SSE
1/8-1/4
0.246 mi.
1299 ft.

Relative:
Higher

448 HUMBOLDT ST
BROOKLYN, NY 11211

Click here for full text details

EDR US Hist Cleaners **1015062522**
N/A

W146
SSE
1/8-1/4
0.246 mi.
1299 ft.

Relative:
Higher

EVADA CLEANERS OF NY
448 HUMBOLDT ST
BROOKLYN, NY

RCRA-CESQG **1000318342**
FINDS **NYD004225660**
US AIRS

Click here for full text details

RCRA-CESQG
EPA Id: NYD004225660

W147
SSE
1/8-1/4
0.246 mi.
1299 ft.

Relative:
Higher

BUONOMO CLNRS
448 HUMBOLDT ST
BROOKLYN, NY 11211

NY MANIFEST **S106435460**
NY DRYCLEANERS **N/A**

Click here for full text details

NY DRYCLEANERS
Facility Id: 2-6101-00828

148
SSW
1/8-1/4
0.247 mi.
1302 ft.

Relative:
Lower

336 MEEKER AVE
BROOKLYN, NY 11211

EDR US Hist Auto Stat **1015434174**
N/A

Click here for full text details

X149
East
1/8-1/4
0.248 mi.
1309 ft.

Relative:
Higher

CLINTON HILL CLEANERS
110 KINGSLAND AVE
BROOKLYN, NY 11222

NY DRYCLEANERS **S113813583**
N/A

Click here for full text details

NY DRYCLEANERS
Facility Id: 2-6101-01323

150
WNW
1/8-1/4
0.248 mi.
1312 ft.

Relative:
Lower

E. CUCKER INC.
320 DRIGGS AVENUE
BROOKLYN, NY 11222

NY AST **A100293826**
N/A

Click here for full text details

NY AST
Facility Id: 2-608487

X151
East
1/8-1/4
0.249 mi.
1313 ft.

Relative:
Higher

CON EDISON - MANHOLE 58979
108 KINGSLAND AVE
BROOKLYN, NY 11222

Click here for full text details

RCRA-LQG
EPA Id: NYP004186045

RCRA-LQG **1014396340**
NYP004186045

X152
East
1/8-1/4
0.249 mi.
1313 ft.

Relative:
Higher

CONSOLIDATED EDISON
108 KINGSLAND AVE
BROOKLYN, NY 11222

Click here for full text details

NY MANIFEST **S110045598**
N/A

U153
SW
1/4-1/2
0.252 mi.
1330 ft.

Relative:
Lower

68 RICHARDSON STREET
68 RICHARDSON STREET
BROOKLYN, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9312569 / 6/11/2001

NY LTANKS **S100879125**
N/A

154
SW
1/4-1/2
0.296 mi.
1565 ft.

Relative:
Lower

FROST & MEEKER AVE
64 FROST STREET
BROOKLYN, NY 11211

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9601530 / 8/5/2010

NY Spills
Spill Number/Closed Date: 9806871 / 2/26/2003

NY LTANKS **S102232676**
NY Spills **N/A**

155
NW
1/4-1/2
0.302 mi.
1592 ft.

Relative:
Lower

DELI
112 NASSAU AVE
BROOKLYN, NY

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0013080 / 3/14/2001

NY Spills
Spill Number/Closed Date: 0013079 / 4/5/2001

NY LTANKS **S104953397**
NY Spills **N/A**

156
East
1/4-1/2
0.310 mi.
1635 ft.

Relative:
Higher

ALBERTS PLATING WORKS BEADEL SITE
32 BEADEL ST
BROOKLYN, NY 11222

RCRA NonGen / NLR | **1001127924**
FINDS | **NYR000035345**
NY LTANKS
NY MANIFEST

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYR000035345

NY LTANKS
Spill Number/Closed Date: 0510292 / 1/25/2006

157
SE
1/4-1/2
0.352 mi.
1860 ft.

Relative:
Higher

RESIDENCE
243 JACKSON STREET
BROOKLYN, NY

NY LTANKS | **S106971706**
NY Spills | **N/A**

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0409577 / 2/4/2005

NY Spills
Spill Number/Closed Date: 1113750 / 3/26/2012

158
ENE
1/4-1/2
0.371 mi.
1958 ft.

Relative:
Higher

EXXONMOBIL
546 MORGAN AVENUE
BROOKLYN, NY

NY LTANKS | **S102143576**
NY MANIFEST | **N/A**
NY Spills

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9608849 / 1/9/1997

NY Spills
Spill Number/Closed Date: 0005672 / 9/12/2000
Spill Number/Closed Date: 0403674 / 9/16/2004
Spill Number/Closed Date: 0204454 / 5/25/2005
Spill Number/Closed Date: 9210796 / 12/17/1992

159
WSW
1/4-1/2
0.376 mi.
1983 ft.

Relative:
Lower

UNKNOWN GAS STATION
2 ROEBLING ST
BROOKLYN, NY

NY LTANKS | **S106702988**
NY Spills | **N/A**

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0008335 / 10/25/2005

NY Spills

UNKNOWN GAS STATION (Continued) **S106702988**

Spill Number/Closed Date: 0000373 / 2/27/2003

160
ESE
1/4-1/2
0.393 mi.
2075 ft.

Relative:
Higher

NYC HOUSING AUTHORITY
295 JACKSON AVE
BROOKLYN, NY

NY LTANKS **S106722316**
NY Spills **N/A**

Click here for full text details

NY LTANKS

Spill Number/Closed Date: 9414271 / 3/29/1996
Spill Number/Closed Date: 9414384 / 3/29/1996
Spill Number/Closed Date: 9515837 / 6/10/2008
Spill Number/Closed Date: 9515713 / 9/14/2009

NY Spills

Spill Number/Closed Date: 0408049 / 10/25/2004

161
WNW
1/4-1/2
0.396 mi.
2092 ft.

Relative:
Lower

AUTOMOTIVE TRADE HS 610 - BROOKLYN K610
50 BEDFORD AVENUE
BROOKLYN, NY 11222

NY LTANKS **U000409472**
NY UST **N/A**
NY HIST UST
NY AST
NY MANIFEST
NY Spills

Click here for full text details

NY LTANKS

Spill Number/Closed Date: 0900454 / 3/22/2011
Spill Number/Closed Date: 0004062 / 3/21/2005

NY UST

Id/Status:: 2-355305 / Active
Id/Status:: 2-355305

NY HIST UST

PBS Number: 2-355305

NY AST

Facility Id: 2-355305

NY Spills

Spill Number/Closed Date: 0413160 / Not Reported

162
NW
1/4-1/2
0.443 mi.
2337 ft.

Relative:
Lower

RESIDENCE
92 NORMAN AVE
BROOKLYN, NY

NY LTANKS **S107658588**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0513280 / 2/21/2006

Y163
SSE
1/4-1/2
0.444 mi.
2343 ft.

Relative:
Higher

SHELL OIL CO
2 BUSHWICK AVE
BROOKLYN, NY 11211

RCRA NonGen / NLR **1000693997**
NY LTANKS **NYD987001849**
NY MANIFEST
NY Spills
US AIRS

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RCRA NonGen / NLR
EPA Id: NYD987001849

NY LTANKS
Spill Number/Closed Date: 8900824 / 4/30/1991

NY Spills
Spill Number/Closed Date: 8901576 / 5/17/1989
Spill Number/Closed Date: 0513496 / 2/28/2006
Spill Number/Closed Date: 9110815 / 6/9/2005
Spill Number/Closed Date: 0330060 / Not Reported

Z164
ESE
1/4-1/2
0.446 mi.
2357 ft.

Relative:
Higher

ABANDONED BLDG
430 MORGAN AVE
BROOKLYN, NY

NY LTANKS **S105996244**
N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 0203790 / 6/4/2003

Y165
SSE
1/4-1/2
0.447 mi.
2360 ft.

Relative:
Higher

MERIT OIL CORP
810 METROPOLITAN AVE
BROOKLYN, NY 11211

RCRA NonGen / NLR **1000263777**
FINDS **NYD982185720**
NY LTANKS
NY UST
NY MANIFEST
NY Spills
US AIRS

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RCRA NonGen / NLR
EPA Id: NYD982185720

NY LTANKS
Spill Number/Closed Date: 9404715 / 11/22/1994

NY UST

MERIT OIL CORP (Continued) **1000263777**

Id/Status:: 2-297410 / Active
Id/Status:: 2-297410

NY Spills
Spill Number/Closed Date: 9502757 / 5/6/2013
Spill Number/Closed Date: 8807632 / 12/18/1988

Y166
SSE
1/4-1/2
0.451 mi.
2382 ft.

Relative:
Higher

METROPOLITAN AVE/MERRIT **NY LTANKS** **S102671408**
METROPOLITAN&BUSHWICK AVE **N/A**
NEW YORK CITY, NY

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NY LTANKS
Spill Number/Closed Date: 8903546 / 7/10/1989

AA167
SW
1/4-1/2
0.452 mi.
2385 ft.

Relative:
Lower

FORMER DRIGGS PLYWOOD CORP. **NY BROWNFIELDS** **S108076630**
11 JACKSON STREET **NY E DESIGNATION** **N/A**
BROOKLYN, NY 11211

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168
ENE
1/4-1/2
0.459 mi.
2422 ft.

Relative:
Higher

95 LOMBARDY ST./ACME ARCH. PRODS., INC. **NY SHWS** **U003652054**
95 LOMBARDY ST **NY UST** **N/A**
BROOKLYN, NY 11222 **NY HIST UST**

Click here for full text details

NY SHWS
Class Code: Significant threat to the public health or environment - action required.

NY UST
Id/Status:: 2-603942 / Unregulated
Id/Status:: 2-603942

NY HIST UST
PBS Number: 2-603942

Z169
ESE
1/4-1/2
0.460 mi.
2430 ft.

Relative:
Higher

JOSEPH H LOWENSTEIN & SONS
420 MORGAN AVENUE
BROOKLYN, NY 11222

Database(s): NY LTANKS, NY MANIFEST, NY Spills

EDR ID Number: S104647880
EPA ID Number: N/A

Click here for full text details

NY LTANKS
Spill Number/Closed Date: 9704885 / 8/16/2003

NY Spills
Spill Number/Closed Date: 9807480 / 3/3/2003
Spill Number/Closed Date: 1005972 / 9/13/2010
Spill Number/Closed Date: 9704884 / 8/16/2003
Spill Number/Closed Date: 9911878 / 3/6/2007

170
NE
1/4-1/2
0.462 mi.
2437 ft.

Relative:
Higher

ORSANO CARTING
852 MORGAN AVE.AVENUE
BROOKLYN, NY 11222

Database(s): NY SWF/LF

EDR ID Number: S105841748
EPA ID Number: N/A

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171
NNE
1/4-1/2
0.474 mi.
2504 ft.

Relative:
Higher

TK GENERAL AUTO REPAIR CORP
133 SUTTON STREET
BROOKLYN, NY 11222

Database(s): NY SWF/LF

EDR ID Number: S108146162
EPA ID Number: N/A

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172
WNW
1/4-1/2
0.488 mi.
2574 ft.

Relative:
Lower

NASH METALWARE CO, INC
1 NASSAU AVENUE
BROOKLYN, NY 11222

Database(s): NY LTANKS, NY UST, NY HIST UST, NY MANIFEST, NY CBS

EDR ID Number: U001840125
EPA ID Number: N/A

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NY LTANKS
Spill Number/Closed Date: 0408142 / 5/11/2009

NY UST
Id/Status:: 2-333166 / Unregulated
Id/Status:: 2-333166

NY HIST UST
PBS Number: 2-333166

NY CBS
Facility Status: Unregulated

NASH METALWARE CO, INC (Continued) **U001840125**

CBS Number: 2-000025

AA173
SW
1/4-1/2
0.495 mi.
2616 ft.

Relative:
Lower

CLOSED-LACKOF RECENT INFO **NY LTANKS** **S104275493**
275 NORTH 8TH ST. **N/A**
NEW YORK CITY, NY

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NY LTANKS
Spill Number/Closed Date: 8706710 / 3/4/2003

174
SSE
1/4-1/2
0.497 mi.
2622 ft.

Relative:
Higher

25 BUSHWICK AVE **NY LTANKS** **S102673149**
25 BUSHWICK AVE **N/A**
BROOKLYN, NY

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NY LTANKS
Spill Number/Closed Date: 9512040 / 7/4/1999

175
ENE
1/2-1
0.544 mi.
2870 ft.

Relative:
Higher

ACME STEEL PARTITION CO INC **RCRA NonGen / NLR** **1000198707**
513 PORTER AVE **NY SHWS** **NYD001281823**
BROOKLYN, NY 11222 **NY MANIFEST**

Click here for full text details

RCRA NonGen / NLR
EPA Id: NYD001281823

NY SHWS
Class Code: Significant threat to the public health or environment - action required.

176
West
1/2-1
0.573 mi.
3024 ft.

Relative:
Lower

WYTHE AVE. (BERRY ST.) STATION **EDR MGP** **1008407903**
WYTHE AVE., BERRY ST., N 12TH AND 13TH ST **N/A**
BROOKLYN, NY 11211

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177
North
1/2-1
0.608 mi.
3212 ft.

Relative:
Lower

MOBIL OIL BROOKLYN TERMINAL
300 NORTH HENRY STREET
BROOKLYN, NY

NY DEL SHWS | **S105972445**
N/A

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NY DEL SHWS
Site Code Id: 224013

178
ESE
1/2-1
0.655 mi.
3460 ft.

Relative:
Lower

EQUITY WORKS
MASPETH AND VANDERVORT AVES.
BROOKLYN, NY 11211

EDR MGP | **1008407885**
N/A

Click here for full text details

AB179
East
1/2-1
0.715 mi.
3773 ft.

Relative:
Lower

NAT GRID GREEN POINT FACILITY
287 MASPETH AVE
BROOKLYN, NY

NY SHWS
NY SWF/LF
NY LTANKS
NY TANKS
NY MANIFEST
NY Spills
NY VCP
NY MOSF

S104787368
N/A

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NY SHWS
Class Code: Significant threat to the public health or environment - action required.

NY LTANKS
Spill Number/Closed Date: 9211562 / 2/6/2007
Spill Number/Closed Date: 9009058 / 3/4/2003

NY TANKS
Facility Id: 2-306398

NY Spills
Spill Number/Closed Date: 1006581 / 9/17/2010
Spill Number/Closed Date: 0106270 / 2/6/2007
Spill Number/Closed Date: 0506134 / 8/18/2005
Spill Number/Closed Date: 9606233 / 10/27/1997
Spill Number/Closed Date: 0303442 / 7/9/2003
Spill Number/Closed Date: 0004653 / 2/24/2003
Spill Number/Closed Date: 0104143 / 2/13/2003
Spill Number/Closed Date: 9305107 / 3/28/2005
Spill Number/Closed Date: 0202908 / 3/13/2003
Spill Number/Closed Date: 9301329 / 12/23/2002
Spill Number/Closed Date: 0413650 / 4/4/2005
Spill Number/Closed Date: 1012824 / 4/5/2011
Spill Number/Closed Date: 9714234 / 3/31/1998
Spill Number/Closed Date: 0908872 / 12/9/2009
Spill Number/Closed Date: 0310061 / 12/17/2003

NAT GRID GREEN POINT FACILITY (Continued) **S104787368**

Spill Number/Closed Date: 0908424 / 11/6/2009

NY MOSF
Facility Id: 2-2340
Tank Status: No Longer MOSF

AB180
East
1/2-1
0.715 mi.
3773 ft.

Relative:
Lower

GREENPOINT **EDR MGP** **1008407892**
287 MASPETH AVENUE **N/A**
BROOKLYN, NY 11211

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181
East
1/2-1
0.823 mi.
4346 ft.

Relative:
Lower

US ENVIRONMENTAL PROTECTION AGENCY **CERCLIS** **1000272490**
C O BCF OIL REFINING SITE **RCRA NonGen / NLR** **NYD068273044**
BROOKLYN, NY 11211 **FINDS**
NY DEL SHWS
PRP
US AIRS

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CERCLIS
EPA Id: NYD068273044

RCRA NonGen / NLR
EPA Id: NYD068273044

182
North
1/2-1
0.851 mi.
4492 ft.

Relative:
Lower

FORMER MANHATTAN ADHESIVES PLANT **NY DEL SHWS** **S105972443**
425-459 GREENPOINT AVENUE **N/A**
BROOKLYN, NY

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NY DEL SHWS
Site Code Id: 224009

AC183
NE
1/2-1
0.916 mi.
4838 ft.

Relative:
Higher

QUANTA RESOURCES **NY VAPOR REOPENED** **S108413225**
37-80 REVIEW AVENUE **N/A**
LONG ISLAND CITY, NY

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NY VAPOR REOPENED
Facility Status: Underway

AC184
NE
1/2-1
0.916 mi.
4838 ft.

Relative:
Higher

REVIEW AVENUE DEVELOPMENT II
37-80 REVIEW AVE
LONG ISLAND CITY, NY 11101

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CORRACTS
RCRA-SQG
FINDS
NY SHWS
NY MANIFEST
PA MANIFEST
NY BROWNFIELDS
NY MOSF
2020 COR ACTION

1000321850
NYD980592562

RCRA-SQG
EPA Id: NYD980592562

NY SHWS
Class Code: Significant threat to the public health or environment - action required.

NY MOSF
Facility Id: 2-1920
Tank Status: Inactive

185
SE
1/2-1
0.964 mi.
5092 ft.

Relative:
Lower

SCHOLES ST. STATION
SCHOLES ST 7 BOGART STS. MESSEROLE AND MORGAN AVE.
BROOKLYN, NY 11206

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EDR MGP

1008407899
N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NY	AIRS	Air Emissions Data	Department of Environmental Conservation	12/31/2011	08/02/2012	10/03/2012
NY	AST	Petroleum Bulk Storage	Department of Environmental Conservation	10/01/2013	10/03/2013	11/13/2013
NY	BROWNFIELDS	Brownfields Site List	Department of Environmental Conservation	09/25/2013	09/26/2013	11/14/2013
NY	CBS	Chemical Bulk Storage Site Listing	Department of Environmental Conservation	08/07/2013	08/08/2013	09/10/2013
NY	CBS AST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	CBS UST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	COAL ASH	Coal Ash Disposal Site Listing	Department of Environmental Conservation	10/08/2013	10/09/2013	11/14/2013
NY	DEL SHWS	Delisted Registry Sites	Department of Environmental Conservation	09/25/2013	09/26/2013	11/14/2013
NY	DRYCLEANERS	Registered Drycleaners	Department of Environmental Conservation	10/17/2013	10/17/2013	11/14/2013
NY	E DESIGNATION	E DESIGNATION SITE LISTING	New York City Department of City Planning	09/17/2013	10/02/2013	11/14/2013
NY	ENG CONTROLS	Registry of Engineering Controls	Department of Environmental Conservation	09/25/2013	09/26/2013	11/14/2013
NY	ERP	Environmental Restoration Program Listing	Department of Environmental Conservation	08/19/2013	08/22/2013	09/10/2013
NY	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Conservation	10/15/2013	10/16/2013	11/14/2013
NY	Financial Assurance 2	Financial Assurance Information Listing	Department of Environmental Conservation	10/31/2008	11/25/2008	12/11/2008
NY	HIST AST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HIST LTANKS	Listing of Leaking Storage Tanks	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST SPILLS	SPILLS Database	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST UST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HSWDS	Hazardous Substance Waste Disposal Site Inventory	Department of Environmental Conservation	01/01/2003	10/20/2006	11/30/2006
NY	INST CONTROL	Registry of Institutional Controls	Department of Environmental Conservation	08/19/2013	08/22/2013	09/10/2013
NY	LIENS	Spill Liens Information	Office of the State Comptroller	08/19/2013	08/20/2013	09/11/2013
NY	LTANKS	Spills Information Database	Department of Environmental Conservation	09/25/2013	09/26/2013	11/15/2013
NY	MOSF	Major Oil Storage Facility Site Listing	Department of Environmental Conservation	08/07/2013	08/08/2013	09/10/2013
NY	MOSF AST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	MOSF UST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	08/01/2013	08/07/2013	09/10/2013
NY	RES DECL	Restrictive Declarations Listing	NYC Department of City Planning	11/18/2010	12/23/2010	02/11/2011
NY	SHWS	Inactive Hazardous Waste Disposal Sites in New York State	Department of Environmental Conservation	09/25/2013	09/26/2013	11/14/2013
NY	SPDES	State Pollutant Discharge Elimination System	Department of Environmental Conservation	07/15/2013	07/17/2013	09/09/2013
NY	SPILLS	Spills Information Database	Department of Environmental Conservation	09/25/2013	09/26/2013	11/15/2013
NY	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	11/02/2010	01/03/2013	03/07/2013
NY	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	12/14/2012	01/03/2013	02/12/2013
NY	SWF/LF	Facility Register	Department of Environmental Conservation	10/08/2013	10/09/2013	11/14/2013
NY	SWRCY	Registered Recycling Facility List	Department of Environmental Conservation	10/08/2013	10/09/2013	11/14/2013
NY	SWTIRE	Registered Waste Tire Storage & Facility List	Department of Environmental Conservation	08/01/2006	11/15/2006	11/30/2006
NY	TANKS	Storage Tank Faciliy Listing	Department of Environmental Conservation	08/07/2013	08/08/2013	09/09/2013
NY	UIC	Underground Injection Control Wells	Department of Environmental Conservation	06/07/2013	06/11/2013	07/10/2013
NY	UST	Petroleum Bulk Storage (PBS) Database	Department of Environmental Conservation	10/01/2013	10/03/2013	11/13/2013
NY	VAPOR REOPENED	Vapor Intrustion Legacy Site List	Department of Environmenal Conservation	01/01/2013	02/20/2013	03/15/2013
NY	VCP	Voluntary Cleanup Agreements	Department of Environmental Conservation	08/19/2013	08/22/2013	09/12/2013
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	11/11/2011	05/18/2012	05/25/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2011	02/26/2013	04/19/2013
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	04/26/2013	05/29/2013	08/09/2013
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	04/26/2013	05/29/2013	08/09/2013
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	08/17/2010	01/03/2011	03/21/2011
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2013	08/07/2013	10/03/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	CORRACTS	Corrective Action Report	EPA	07/11/2013	08/08/2013	09/13/2013
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	04/26/2013	05/09/2013	07/10/2013
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR US Hist Auto Stat	EDR Proprietary Historic Gas Stations - Cole				
US	EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR US Hist Cleaners	EDR Proprietary Historic Dry Cleaners - Cole				
US	EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	06/30/2013	08/13/2013	09/13/2013
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/31/2012	01/17/2013	02/15/2013
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	07/31/2012	10/09/2012	12/20/2012
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	03/08/2013	03/21/2013	07/10/2013
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/31/2011	02/26/2013	03/13/2013
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/31/2012	01/03/2013	02/27/2013
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	07/20/2011	11/10/2011	01/10/2012
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	02/01/2013	05/01/2013	11/01/2013
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	07/29/2013	07/30/2013	11/01/2013
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	08/01/2013	08/02/2013	11/01/2013
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	08/20/2013	08/23/2013	11/01/2013
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	09/12/2011	09/13/2011	11/11/2011
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	08/27/2013	08/27/2013	11/01/2013
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	08/27/2012	08/28/2012	10/16/2012
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	03/01/2013	03/01/2013	04/12/2013
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	09/28/2012	11/07/2012	04/12/2013
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	02/05/2013	02/06/2013	04/12/2013
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	08/01/2013	08/02/2013	11/01/2013
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	08/20/2013	08/23/2013	11/01/2013
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/10/2011	05/11/2011	06/14/2011
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	12/31/2012	02/28/2013	04/12/2013
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	07/29/2013	08/01/2013	11/01/2013
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	02/21/2013	02/26/2013	04/12/2013
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	09/28/2012	10/02/2012	10/16/2012
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/29/2013	02/14/2013	02/27/2013
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/06/2013	04/25/2013	05/10/2013
US	LUCIS	Land Use Control Information System	Department of the Navy	08/20/2013	08/23/2013	11/01/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/22/2013	08/02/2013	11/01/2013
US	NPL	National Priority List	EPA	04/26/2013	05/09/2013	07/10/2013
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	06/01/2013	07/17/2013	11/01/2013
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	04/15/2013	07/03/2013	09/13/2013
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/26/2013	05/09/2013	07/10/2013
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	09/30/2013	10/09/2013	11/01/2013
US	RCRA NonGen / NLR	RCRA - Non Generators	Environmental Protection Agency	07/11/2013	08/08/2013	09/13/2013
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	07/11/2013	08/08/2013	09/13/2013
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	07/11/2013	08/08/2013	09/13/2013
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	07/11/2013	08/08/2013	09/13/2013
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	07/11/2013	08/08/2013	09/13/2013
US	RMP	Risk Management Plans	Environmental Protection Agency	05/08/2012	05/25/2012	07/10/2012
US	ROD	Records Of Decision	EPA	04/26/2013	06/11/2013	11/01/2013
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2011	07/31/2013	09/13/2013
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	01/23/2013	01/30/2013	05/10/2013
US	US AIRS MINOR	Air Facility System Data	EPA	01/23/2013	01/30/2013	05/10/2013
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/24/2013	06/25/2013	08/09/2013
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	08/06/2013	09/11/2013	10/03/2013
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	06/17/2013	06/21/2013	10/03/2013
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/04/2013	03/15/2013	05/10/2013
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/01/2007	11/19/2008	03/30/2009
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	06/17/2013	06/21/2013	10/03/2013
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2013	09/05/2013	10/03/2013
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2011	07/19/2012	08/28/2012
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2012	07/24/2013	08/19/2013
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2012	06/21/2013	08/05/2013
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	05/01/2013	08/14/2013	09/20/2013
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2012	08/09/2013	09/27/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
US	Electric Power Lines	Electric Power Transmission Line Data	Rextag Strategies Corp.			
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NY	Daycare Centers	Sensitive Receptor: Day Care Providers	Department of Health			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NY	State Wetlands	Freshwater Wetlands	Department of Environmental Conservation			
US	USGS 7.5' Topographic Map	Scanned Digital USGS 7.5' Topographic Map (DRG)	USGS			

STREET AND ADDRESS INFORMATION

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

171 BAYARD STREET
171 BAYARD STREET
BROOKLYN, NY 11222

TARGET PROPERTY COORDINATES

Latitude (North):	40.7207 - 40° 43' 14.52''
Longitude (West):	73.9456 - 73° 56' 44.16''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589053.1
UTM Y (Meters):	4508076.0
Elevation:	19 ft. above sea level

USGS TOPOGRAPHIC MAP

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

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

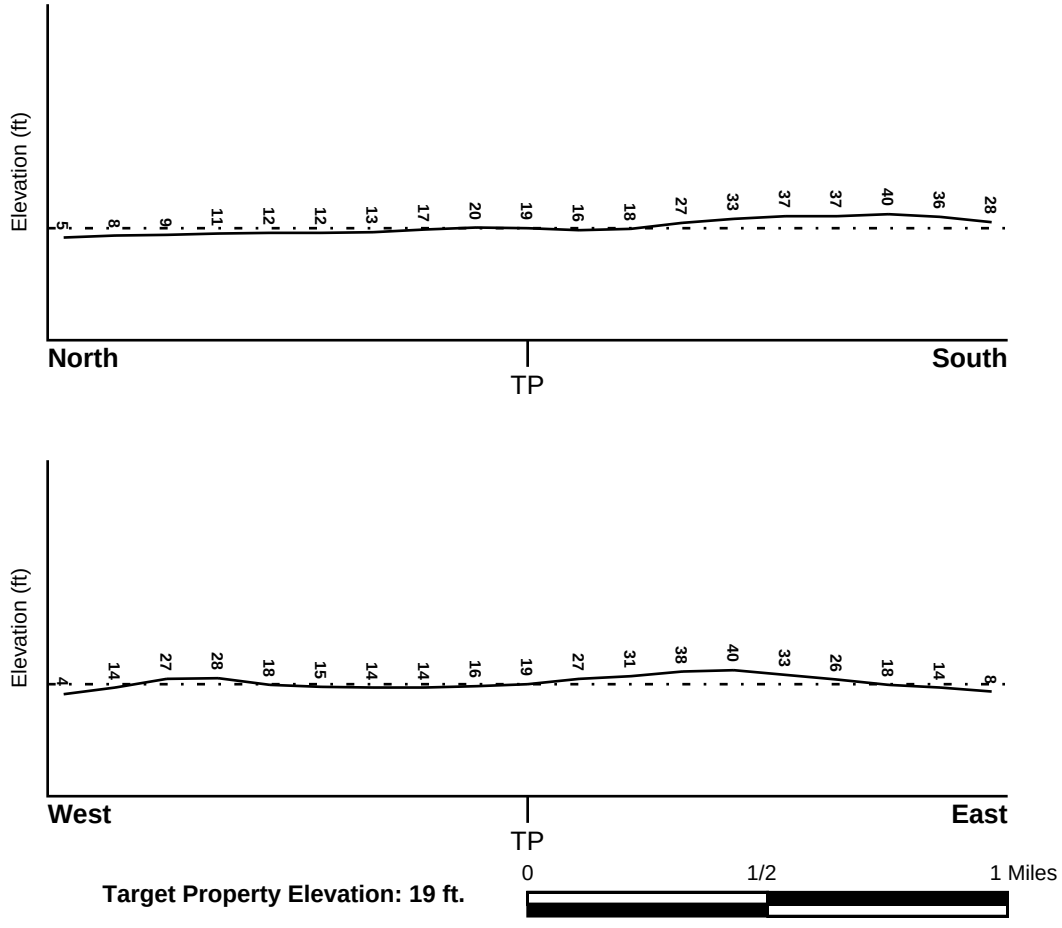
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 19 ft.

Source: Topography has been determined from the USGS 7.5' 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
KINGS, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 360497 - FEMA DFIRM Flood data

Additional Panels in search area:
3604970047B - FEMA Q3 Flood data
3604970048B - FEMA Q3 Flood data
3604970055B - FEMA Q3 Flood data
3604970056B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000829707	1/8 - 1/4 Mile SSW
A2	USGS40000829963	1/4 - 1/2 Mile NE
A3	USGS40000829964	1/4 - 1/2 Mile NE
4	USGS40000829892	1/4 - 1/2 Mile ENE
5	USGS40000829578	1/4 - 1/2 Mile SW
6	USGS40000829528	1/4 - 1/2 Mile SSE
B7	USGS40000829805	1/2 - 1 Mile West
8	USGS40000829597	1/2 - 1 Mile ESE
B9	USGS40000829792	1/2 - 1 Mile West
B10	USGS40000829834	1/2 - 1 Mile West
C11	USGS40000829485	1/2 - 1 Mile SW
C12	USGS40000829478	1/2 - 1 Mile SW
14	USGS40000829806	1/2 - 1 Mile West
15	USGS40000830081	1/2 - 1 Mile ENE
16	USGS40000829655	1/2 - 1 Mile ESE
D17	USGS40000829386	1/2 - 1 Mile SSE
D18	USGS40000829385	1/2 - 1 Mile SSE
19	USGS40000830369	1/2 - 1 Mile NNE
E20	USGS40000829561	1/2 - 1 Mile WSW
21	USGS40000829320	1/2 - 1 Mile South
22	USGS40000829373	1/2 - 1 Mile SSW
E23	USGS40000829572	1/2 - 1 Mile WSW
24	USGS40000829291	1/2 - 1 Mile SSE
F25	USGS40000829722	1/2 - 1 Mile East
26	USGS40000830159	1/2 - 1 Mile ENE
27	USGS40000830095	1/2 - 1 Mile ENE
28	USGS40000829364	1/2 - 1 Mile SE
G29	USGS40000829262	1/2 - 1 Mile South
F30	USGS40000829706	1/2 - 1 Mile East
31	USGS40000830559	1/2 - 1 Mile NNE
32	USGS40000830368	1/2 - 1 Mile NE
33	USGS40000830247	1/2 - 1 Mile NE
G34	USGS40000829242	1/2 - 1 Mile South
H35	USGS40000829273	1/2 - 1 Mile SSE
H36	USGS40000829261	1/2 - 1 Mile SSE
37	USGS40000830367	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

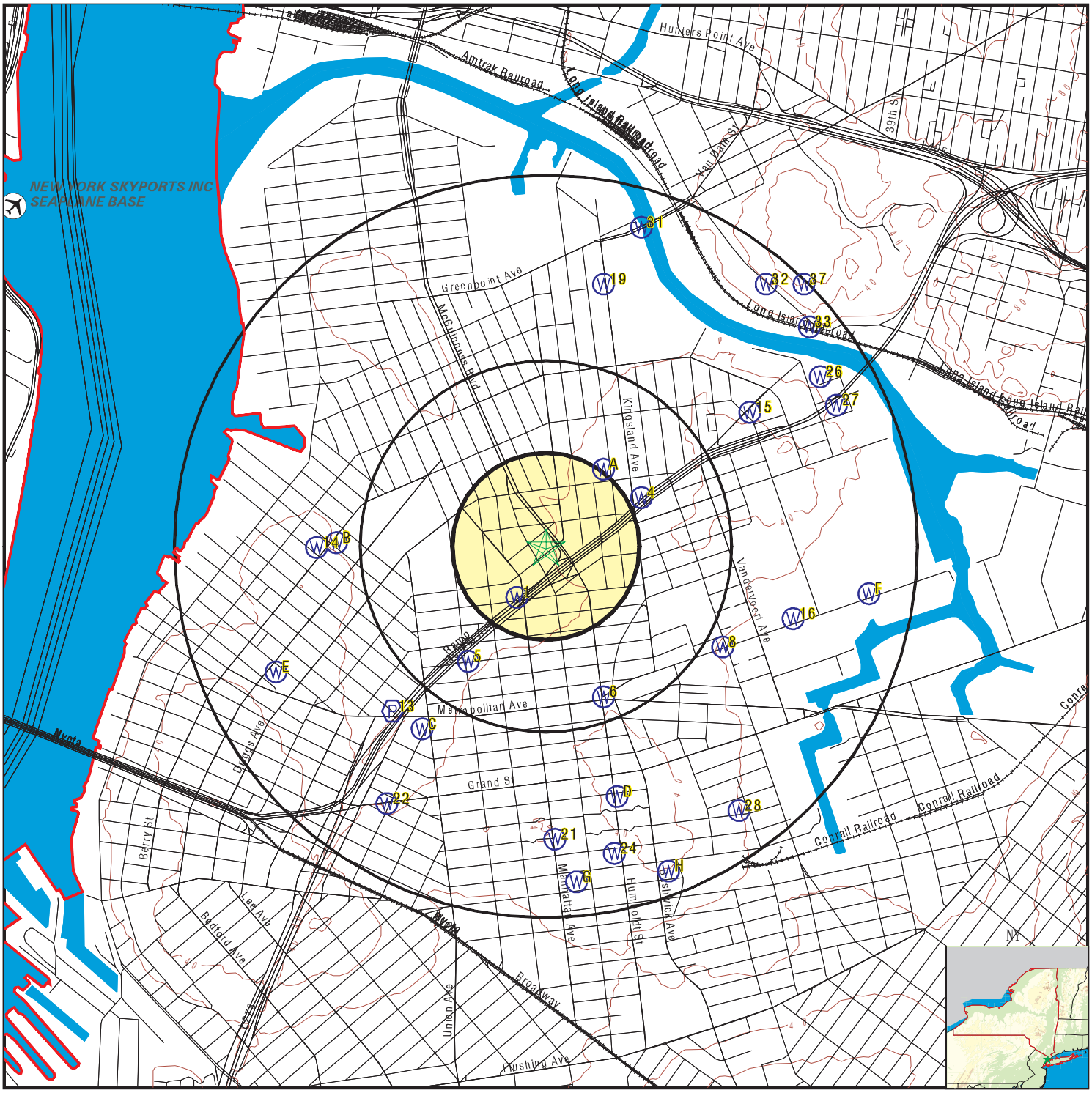
MAP ID	WELL ID	LOCATION FROM TP
13	NY0007257	1/2 - 1 Mile SW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3787737.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	171 Bayard Street	CLIENT:	Env. Business Consultants
ADDRESS:	171 Bayard Street Brooklyn NY 11222	CONTACT:	Kevin Brussee
LAT/LONG:	40.7207 / 73.9456	INQUIRY #:	3787737.2s
		DATE:	November 15, 2013 5:52 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **SSW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000829707**
A2 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829963**
A3 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829964**
4 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829892**
5 **SW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829578**
6 **SSE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829528**
B7 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829805**
8 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829597**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B9 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829792**
B10 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829834**
C11 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000829485**
C12 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000829478**
13 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FRDS PWS**	**NY0007257**
14 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829806**
15 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000830081**
16 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000829655**
D17 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829386**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
D18 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829385**
19 **NNE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000830369**
E20 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829561**
21 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829320**
22 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829373**
E23 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829572**
24 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829291**
F25 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000829722**
26 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000830159**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
27 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000830095**
28 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829364**
G29 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829262**
F30 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000829706**
31 **NNE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000830559**
32 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000830368**
33 **NE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000830247**
G34 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829242**
H35 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000829273**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
H36 **SSE** **1/2 - 1 Mile** **Higher**	**Click here for full text details**	**FED USGS**	**USGS40000829261**
37 **NE** **1/2 - 1 Mile** **Higher**	**Click here for full text details**	**FED USGS**	**USGS40000830367**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

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.

HYDROLOGIC INFORMATION

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

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

ATTACHMENT B
SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the front room of the building, adjacent to the street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BAR1401	Address: 173 Bayard Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth: 10'	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54		Well Specifications
Date Started: 1/1/2014	Date Completed: 1/1/2014		None
Completion Depth: 12 feet	Field Technician C. Sosik		

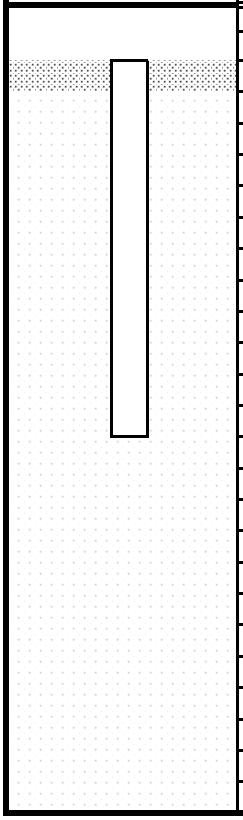
B1 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	18		0.0	18" - Light brown medium to fine sand with some fill material. *Soil Sample retained B1(0-2).*
	4 to 8	36		0.0	36" - Tan fine sand. No odor.
	8 to 12	42		0.0	42" - Tan fine to medium sand. Clayey silt and silty clay at last 6". *Soil Sample retained B1(10-12).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the center of the building.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BAR1401	Address: 173 Bayard Street, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth: 10'	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54			Well Specifications
Date Started: 1/1/2014	Date Completed: 1/1/2014			Temporary 1" PVC well set to a depth of 15 feet.
Completion Depth: 12 feet	Field Technician C. Sosik			

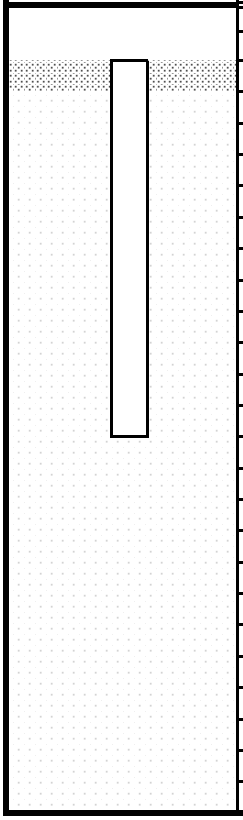
B2 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	18		0.0	18" - Dark brown silty fill material. No odor. **Soil Sample retained B2(0-2).*
	4 to 8	24		0.0	24" - Tan fine sand. No odor.
	8 to 12	30		0.0	18" - Tan fine silty sand. 12" - Clayey silt. **Soil Sample retained B2(10-12).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the rear of the building on 173 Bayard Street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BAR1401	Address: 173 Bayard Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	10'	Well Specifications
Date Started: 1/1/2014	Date Completed: 1/1/2014		Temporary 1" PVC well set to a depth of 15 feet.
Completion Depth: 12 feet	Field Techician C. Sosik		

B3 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	30		0.0	6" - Fill. 24" - Fine medium brown sand. No odor. **Soil Sample retained B3(0-2).*
	4 to 8	48		0.0	36" - Light brown fine sand. 12" - Light brown fine silty sand.
	8 to 12	42		0.0	6" - Light brown fine medium sand. 24" - Light brown fine to medium sand with silty clay. 12" - Coarse sand. **Soil Sample retained B3(10-12).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed in the rear of the building on 171 Bayard Street.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BAR1401	Address: 171 Bayard Street, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C² Environmental	Method: Macro core Geoprobe LT54		10'	Well Specifications
Date Started: 4/1/2014	Date Completed: 4/1/2014			
Completion Depth: 16 feet	Field Techician D. Mosca			

B4 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	19		0.0	6" - Concrete and gravel. 13" - Fine brown sand and silt. Little to no gravel. **Soil Sample retained B4(0-2).*
	4 to 8	30		0.0	3" - Cave in of concrete and sand. 27" - Brown medium to fine sand. No odor.
	8 to 12	43		400-600	6" - Cave in. 20" - Fine brown sand. No odor. 6" - Brown moist sandy loam. 11" - Saturated black silty sand with petro odor. PID 600ppm.
	12 to 16	48		0-180	8" - Cave in. 3" - Black saturated silty sand with petro odor. PID 180ppm. 37" - Saturated brown silty sand. PID 0-20ppm **Soil Sample retained B4(11-13).*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: Performed in the front of the building on 171 Bayard Street.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BAR1401	Address: 171 Bayard Street, Brooklyn, NY	Date / DTW	Ground Elevation
		Groundwater depth: 10'	
Drilling Company: C² Environmental	Method: Macro core Geoprobe LT54		Well Specifications
Date Started: 4/1/2014	Date Completed: 4/1/2014		
Completion Depth: 13 feet	Field Techician D. Mosca		

B5 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0 to 4	30		0.0	2" - Concrete and gravel. 10" - Sandy historic fill. 18" - Brown fine sand with no gravel. No odor. **Soil Sample retained B5(0-2).*
	4 to 8	30		0.0	2" - Cave in of concrete and historic fill. 6" - Fine brown sand. 22" - Medium brown sand.
	8 to 13	48		0.0	4" - Cave in. 20" - Medium brown sand. 10" - Saturated brown sandy loam. No odor 13" - Saturated red-brown sand. **Soil Sample retained B5(11-13).*

ATTACHMENT C
GROUNDWATER SAMPLING LOGS

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Well Depth (from TOC): 22.3

Static Water Level (from TOC): 9.35

Height of Water in Well: 12.95

Gallons of Water per Well Volume: 0.518

Flow Rate: 400ml/min.

Date: 4/22/2014

Equipment: Geopump Peristaltic Pump

Field Personnel: Sunny Chen

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	Comments
0.00	9:58	400ml/min	0				turbid
4.00	10:02	400ml/min	0.44				turbid
7.00	10:05	400ml/min	0.77				turbid
9.00	10:07	400ml/min	0.99				clear
11.00	10:09	400ml/min	1.21				clear
13.00	10:11	400ml/min	1.43				clear
15.00	10:13	400ml/min	1.65				clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Well Depth (from TOC): 15

Static Water Level (from TOC): 12.85

Height of Water in Well: 2.15

Gallons of Water per Well Volume: 0.086

Flow Rate: 400ml/min.

Date: 4/22/2014

Equipment: Geopump Peristaltic Pump

Field Personnel: Sunny Chen

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	Comments
0.00	10:30	400ml/min	0				turbid
4.00	10:34	400ml/min	0.44				clear
7.00	10:37	400ml/min	0.77				clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Well Depth (from TOC): 15

Static Water Level (from TOC): 12.8

Height of Water in Well: 2.2

Gallons of Water per Well Volume: 0.088

Flow Rate: 400ml/min.

Date: 4/22/2014

Equipment: Geopump Peristaltic Pump

Field Personnel: Sunny Chen

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	Comments
0.00	10:52	400ml/min	0				turbid
4.00	10:56	400ml/min	0.44				clear
7.00	10:59	400ml/min	0.77				clear

Note 400 ml = 0.11 gallons

ATTACHMENT D
SOIL GAS SAMPLING LOGS

PHOENIX
Environmental Laboratories, Inc.

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # | Page 1 of 1

Data Delivery:
☐ Fax #:
☐ Email: csosik@ebcincny.com
☐ Phone #:

Report to: Kevin Brosse	Invoice to: EBC	Project Name: 171-173 Bayard st. Brooklyn NY
Customer: EBC		Requested Deliverable: RCP ☐ ASP CAT B ☐
Address:		MCP ☐ NJ Deliverables ☐
	Sampled by: Ben Unoyis	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	
36137	SG-2	215	6.0	-30	-3	3414	41.6	1111	1258		-30	-7		X			X
36138	SG-1	13647			-3	3409		1109	1254		-29	-7		X			X
36139	SG-5	223			-4	5349		1102	1247		-29	-5		X			X
36140	SG-3	230			-5	4488		1114	1255		-28	-7		X			X
36141	SG-4	458	↓	↓	-5	5040	↓	1104	1248		-30	-7		X			
	6L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
		4-23-19	10:10
		4-23-19	1550

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

Quote Number:

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

Signature: _____ Date: _____

ATTACHMENT E
LABORATORY REPORTS

PHOENIX
Environmental Laboratories, Inc.

Tuesday, January 14, 2014

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

Project ID: 171 BAYARD STREET
Sample ID#s: BF94882 - BF94892

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

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

NY # 11301

SDG Comments

January 14, 2014

SDG I.D.: GBF94882

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

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.

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.

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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94882

Project ID: 171 BAYARD STREET
Client ID: B1 0-2 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.32	0.32	mg/Kg	01/07/14	LK	SW6010
Aluminum	6560	48	mg/Kg	01/07/14	LK	SW6010
Arsenic	1.9	0.6	mg/Kg	01/07/14	LK	SW6010
Barium	72.1	0.32	mg/Kg	01/07/14	LK	SW6010
Beryllium	0.38	0.26	mg/Kg	01/07/14	LK	SW6010
Calcium	2090	4.8	mg/Kg	01/07/14	LK	SW6010
Cadmium	0.87	0.32	mg/Kg	01/07/14	LK	SW6010
Cobalt	3.93	0.32	mg/Kg	01/07/14	LK	SW6010
Chromium	16.6	0.32	mg/Kg	01/07/14	LK	SW6010
Copper	27.3	0.32	mg/kg	01/07/14	LK	SW6010
Iron	40600	48	mg/Kg	01/08/14	LK	SW6010
Mercury	0.11	0.06	mg/Kg	01/07/14	RS	SW-7471
Potassium	1110	4.8	mg/Kg	01/07/14	LK	SW6010
Magnesium	1880	4.8	mg/Kg	01/07/14	LK	SW6010
Manganese	581	3.2	mg/Kg	01/07/14	LK	SW6010
Sodium	176	4.8	mg/Kg	01/07/14	LK	SW6010
Nickel	9.85	0.32	mg/Kg	01/07/14	LK	SW6010
Lead	76.0	0.32	mg/Kg	01/07/14	LK	SW6010
Antimony	< 3.2	3.2	mg/Kg	01/07/14	LK	SW6010
Selenium	< 1.3	1.3	mg/Kg	01/07/14	LK	SW6010
Thallium	< 2.9	2.9	mg/Kg	01/07/14	LK	SW6010
Vanadium	33.5	0.32	mg/Kg	01/07/14	LK	SW6010
Zinc	485	3.2	mg/Kg	01/07/14	LK	SW6010
Percent Solid	96		%	01/06/14	I	E160.3
Soil Extraction for SVOA	Completed			01/06/14	PJ/V	SW3545
Mercury Digestion	Completed			01/07/14	I/I	SW7471
Total Metals Digest	Completed			01/06/14	Z/AG	SW846 - 3050
Field Extraction	Completed			01/01/14		SW5035

Project ID: 171 BAYARD STREET
Client ID: B1 0-2 FT

Phoenix I.D.: BF94882

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,1,1-Trichloroethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.1	ug/Kg	01/06/14	HM	SW8260	
1,1,2-Trichloroethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloroethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloroethene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloropropene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2,3-Trichloropropane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2-Dibromoethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichlorobenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichloroethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichloropropane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,3-Dichlorobenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,3-Dichloropropane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
1,4-Dichlorobenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
2,2-Dichloropropane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
2-Chlorotoluene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
2-Hexanone	ND	26	ug/Kg	01/06/14	HM	SW8260	
2-Isopropyltoluene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	1
4-Chlorotoluene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	26	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	31	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	3.1	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
m&p-Xylene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	31	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	5.2	ug/Kg	01/06/14	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	01/06/14	HM	70 - 130 %	
% Bromofluorobenzene	94		%	01/06/14	HM	70 - 130 %	
% Dibromofluoromethane	107		%	01/06/14	HM	70 - 130 %	
% Toluene-d8	98		%	01/06/14	HM	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	340	ug/Kg	01/06/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dichlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dimethylphenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrophenol	ND	550	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Chloronaphthalene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Chlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Methylnaphthalene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Nitroaniline	ND	550	ug/Kg	01/06/14	DD	SW 8270	
2-Nitrophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B1 0-2 FT

Phoenix I.D.: BF94882

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	01/06/14	DD	SW 8270	
3-Nitroaniline	ND	550	ug/Kg	01/06/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	990	ug/Kg	01/06/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	01/06/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
4-Chloroaniline	ND	240	ug/Kg	01/06/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	01/06/14	DD	SW 8270	
4-Nitroaniline	ND	550	ug/Kg	01/06/14	DD	SW 8270	
4-Nitrophenol	ND	990	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthylene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Acetophenone	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Aniline	ND	990	ug/Kg	01/06/14	DD	SW 8270	
Anthracene	280	240	ug/Kg	01/06/14	DD	SW 8270	
Benz(a)anthracene	520	240	ug/Kg	01/06/14	DD	SW 8270	
Benzidine	ND	410	ug/Kg	01/06/14	DD	SW 8270	
Benzo(a)pyrene	440	240	ug/Kg	01/06/14	DD	SW 8270	
Benzo(b)fluoranthene	530	240	ug/Kg	01/06/14	DD	SW 8270	
Benzo(ghi)perylene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benzoic acid	ND	990	ug/Kg	01/06/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	01/06/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Carbazole	ND	510	ug/Kg	01/06/14	DD	SW 8270	
Chrysene	490	240	ug/Kg	01/06/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Dibenzofuran	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Diethyl phthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Dimethylphthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Di-n-butylphthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Di-n-octylphthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Fluoranthene	1000	240	ug/Kg	01/06/14	DD	SW 8270	
Fluorene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobutadiene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachloroethane	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Isophorone	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Naphthalene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Nitrobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	340	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	340	ug/Kg	01/06/14	DD	SW 8270	
Pentachloronitrobenzene	ND	340	ug/Kg	01/06/14	DD	SW 8270	
Pentachlorophenol	ND	340	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B1 0-2 FT

Phoenix I.D.: BF94882

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Phenanthrene	1400	240	ug/Kg	01/06/14	DD	SW 8270
Phenol	ND	240	ug/Kg	01/06/14	DD	SW 8270
Pyrene	870	240	ug/Kg	01/06/14	DD	SW 8270
Pyridine	ND	340	ug/Kg	01/06/14	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	84		%	01/06/14	DD	30 - 130 %
% 2-Fluorobiphenyl	64		%	01/06/14	DD	30 - 130 %
% 2-Fluorophenol	56		%	01/06/14	DD	30 - 130 %
% Nitrobenzene-d5	72		%	01/06/14	DD	30 - 130 %
% Phenol-d5	63		%	01/06/14	DD	30 - 130 %
% Terphenyl-d14	60		%	01/06/14	DD	30 - 130 %

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

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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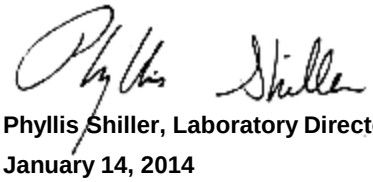

Phyllis Shiller, Laboratory Director
January 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94883

Project ID: 171 BAYARD STREET
Client ID: B1 10-12 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	01/06/14	I	E160.3
Soil Extraction for SVOA	Completed			01/06/14	PJ/V	SW3545
Field Extraction	Completed			01/01/14		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,1,1-Trichloroethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	01/06/14	HM	SW8260
1,1,2-Trichloroethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloropropene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichloropropane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromoethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2-Dichlorobenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloroethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloropropane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,3-Dichlorobenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,3-Dichloropropane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
1,4-Dichlorobenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
2,2-Dichloropropane	ND	7.9	ug/Kg	01/06/14	HM	SW8260
2-Chlorotoluene	ND	7.9	ug/Kg	01/06/14	HM	SW8260
2-Hexanone	ND	39	ug/Kg	01/06/14	HM	SW8260

Project ID: 171 BAYARD STREET
Client ID: B1 10-12 FT

Phoenix I.D.: BF94883

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Isopropyltoluene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	1
4-Chlorotoluene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	39	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	47	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	4.7	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
m&p-Xylene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	47	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	16	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	16	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	16	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	7.9	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	7.9	ug/Kg	01/06/14	HM	SW8260	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	102		%	01/06/14	HM	70 - 130 %	
% Bromofluorobenzene	94		%	01/06/14	HM	70 - 130 %	
% Dibromofluoromethane	108		%	01/06/14	HM	70 - 130 %	
% Toluene-d8	97		%	01/06/14	HM	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	360	ug/Kg	01/07/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2,4-Dinitrophenol	ND	570	ug/Kg	01/07/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2-Chlorophenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	01/07/14	DD	SW 8270	
2-Nitroaniline	ND	570	ug/Kg	01/07/14	DD	SW 8270	
2-Nitrophenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	01/07/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	01/07/14	DD	SW 8270	
3-Nitroaniline	ND	570	ug/Kg	01/07/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	01/07/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	01/07/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
4-Chloroaniline	ND	250	ug/Kg	01/07/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	01/07/14	DD	SW 8270	
4-Nitroaniline	ND	570	ug/Kg	01/07/14	DD	SW 8270	
4-Nitrophenol	ND	1000	ug/Kg	01/07/14	DD	SW 8270	
Acenaphthene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Acenaphthylene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Acetophenone	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Aniline	ND	1000	ug/Kg	01/07/14	DD	SW 8270	
Anthracene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Benz(a)anthracene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Benzidine	ND	430	ug/Kg	01/07/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Benzoic acid	ND	1000	ug/Kg	01/07/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	01/07/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B1 10-12 FT

Phoenix I.D.: BF94883

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	01/07/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Carbazole	ND	540	ug/Kg	01/07/14	DD	SW 8270	
Chrysene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Dibenzofuran	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Diethyl phthalate	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Dimethylphthalate	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Fluoranthene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Fluorene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Hexachlorobenzene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Hexachloroethane	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Isophorone	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Naphthalene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Nitrobenzene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	360	ug/Kg	01/07/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	01/07/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	360	ug/Kg	01/07/14	DD	SW 8270	
Pentachloronitrobenzene	ND	360	ug/Kg	01/07/14	DD	SW 8270	
Pentachlorophenol	ND	360	ug/Kg	01/07/14	DD	SW 8270	
Phenanthrene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Phenol	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Pyrene	ND	250	ug/Kg	01/07/14	DD	SW 8270	
Pyridine	ND	360	ug/Kg	01/07/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	73		%	01/07/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	65		%	01/07/14	DD	30 - 130 %	
% 2-Fluorophenol	61		%	01/07/14	DD	30 - 130 %	
% Nitrobenzene-d5	66		%	01/07/14	DD	30 - 130 %	
% Phenol-d5	65		%	01/07/14	DD	30 - 130 %	
% Terphenyl-d14	71		%	01/07/14	DD	30 - 130 %	

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.
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

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
January 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab 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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94884

Project ID: 171 BAYARD STREET
Client ID: B2 0-2 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	01/07/14	LK	SW6010
Aluminum	8310	57	mg/Kg	01/07/14	LK	SW6010
Arsenic	8.0	0.8	mg/Kg	01/07/14	LK	SW6010
Barium	313	0.38	mg/Kg	01/07/14	LK	SW6010
Beryllium	0.46	0.31	mg/Kg	01/07/14	LK	SW6010
Calcium	4110	5.7	mg/Kg	01/07/14	LK	SW6010
Cadmium	3.54	0.38	mg/Kg	01/07/14	LK	SW6010
Cobalt	4.99	0.38	mg/Kg	01/07/14	LK	SW6010
Chromium	26.6	0.38	mg/Kg	01/07/14	LK	SW6010
Copper	149	0.38	mg/kg	01/07/14	LK	SW6010
Iron	47400	57	mg/Kg	01/08/14	LK	SW6010
Mercury	2.96	0.09	mg/Kg	01/07/14	RS	SW-7471
Potassium	1140	5.7	mg/Kg	01/07/14	LK	SW6010
Magnesium	1910	5.7	mg/Kg	01/07/14	LK	SW6010
Manganese	501	3.8	mg/Kg	01/07/14	LK	SW6010
Sodium	113	5.7	mg/Kg	01/07/14	LK	SW6010
Nickel	21.5	0.38	mg/Kg	01/07/14	LK	SW6010
Lead	1210	3.8	mg/Kg	01/07/14	LK	SW6010
Antimony	< 3.8	3.8	mg/Kg	01/07/14	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	01/07/14	LK	SW6010
Thallium	< 3.4	3.4	mg/Kg	01/07/14	LK	SW6010
Vanadium	32.0	0.38	mg/Kg	01/07/14	LK	SW6010
Zinc	503	3.8	mg/Kg	01/07/14	LK	SW6010
Percent Solid	85		%	01/06/14	I	E160.3
Soil Extraction for SVOA	Completed			01/06/14	PJ/V	SW3545
Mercury Digestion	Completed			01/07/14	I/I	SW7471
Total Metals Digest	Completed			01/06/14	Z/AG	SW846 - 3050
Field Extraction	Completed			01/01/14		SW5035

Project ID: 171 BAYARD STREET
Client ID: B2 0-2 FT

Phoenix I.D.: BF94884

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,1,1-Trichloroethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	01/06/14	HM	SW8260	
1,1,2-Trichloroethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloroethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloroethene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloropropene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2,3-Trichloropropane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2-Dibromoethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichlorobenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichloroethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichloropropane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,3-Dichlorobenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,3-Dichloropropane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
1,4-Dichlorobenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
2,2-Dichloropropane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
2-Chlorotoluene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
2-Hexanone	ND	29	ug/Kg	01/06/14	HM	SW8260	
2-Isopropyltoluene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	1
4-Chlorotoluene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	34	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	3.4	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
m&p-Xylene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	34	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	14	5.7	ug/Kg	01/07/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	5.7	ug/Kg	01/06/14	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	01/06/14	HM	70 - 130 %	
% Bromofluorobenzene	84		%	01/06/14	HM	70 - 130 %	
% Dibromofluoromethane	106		%	01/06/14	HM	70 - 130 %	
% Toluene-d8	97		%	01/06/14	HM	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	380	ug/Kg	01/06/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dichlorophenol	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dimethylphenol	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrophenol	ND	620	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2-Chloronaphthalene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2-Chlorophenol	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2-Methylnaphthalene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/06/14	DD	SW 8270	
2-Nitroaniline	ND	620	ug/Kg	01/06/14	DD	SW 8270	
2-Nitrophenol	ND	270	ug/Kg	01/06/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B2 0-2 FT

Phoenix I.D.: BF94884

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/06/14	DD	SW 8270	
3-Nitroaniline	ND	620	ug/Kg	01/06/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/06/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	380	ug/Kg	01/06/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/06/14	DD	SW 8270	
4-Chloroaniline	ND	270	ug/Kg	01/06/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/06/14	DD	SW 8270	
4-Nitroaniline	ND	620	ug/Kg	01/06/14	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthylene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Acetophenone	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Aniline	ND	1100	ug/Kg	01/06/14	DD	SW 8270	
Anthracene	280	270	ug/Kg	01/06/14	DD	SW 8270	
Benz(a)anthracene	720	270	ug/Kg	01/06/14	DD	SW 8270	
Benzidine	ND	460	ug/Kg	01/06/14	DD	SW 8270	
Benzo(a)pyrene	660	270	ug/Kg	01/06/14	DD	SW 8270	
Benzo(b)fluoranthene	840	270	ug/Kg	01/06/14	DD	SW 8270	
Benzo(ghi)perylene	400	270	ug/Kg	01/06/14	DD	SW 8270	
Benzo(k)fluoranthene	280	270	ug/Kg	01/06/14	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	01/06/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/06/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	1400	270	ug/Kg	01/06/14	DD	SW 8270	
Carbazole	ND	580	ug/Kg	01/06/14	DD	SW 8270	
Chrysene	740	270	ug/Kg	01/06/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Dibenzofuran	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Fluoranthene	1600	270	ug/Kg	01/06/14	DD	SW 8270	
Fluorene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Hexachloroethane	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	360	270	ug/Kg	01/06/14	DD	SW 8270	
Isophorone	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Naphthalene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
Nitrobenzene	ND	270	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	380	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	380	ug/Kg	01/06/14	DD	SW 8270	
Pentachloronitrobenzene	ND	380	ug/Kg	01/06/14	DD	SW 8270	
Pentachlorophenol	ND	380	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B2 0-2 FT

Phoenix I.D.: BF94884

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Phenanthrene	1400	270	ug/Kg	01/06/14	DD	SW 8270
Phenol	ND	270	ug/Kg	01/06/14	DD	SW 8270
Pyrene	1400	270	ug/Kg	01/06/14	DD	SW 8270
Pyridine	ND	380	ug/Kg	01/06/14	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	76		%	01/06/14	DD	30 - 130 %
% 2-Fluorobiphenyl	71		%	01/06/14	DD	30 - 130 %
% 2-Fluorophenol	65		%	01/06/14	DD	30 - 130 %
% Nitrobenzene-d5	74		%	01/06/14	DD	30 - 130 %
% Phenol-d5	73		%	01/06/14	DD	30 - 130 %
% Terphenyl-d14	72		%	01/06/14	DD	30 - 130 %

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

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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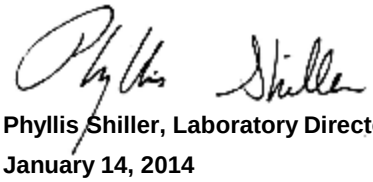

Phyllis Shiller, Laboratory Director
January 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94885

Project ID: 171 BAYARD STREET
Client ID: B2 10-12 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	79		%	01/06/14	I	E160.3
Soil Extraction for SVOA	Completed			01/06/14	PJ/V	SW3545
Field Extraction	Completed			01/01/14		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,1,1-Trichloroethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	01/06/14	HM	SW8260
1,1,2-Trichloroethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloropropene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichloropropane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromoethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2-Dichlorobenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloroethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloropropane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,3-Dichlorobenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,3-Dichloropropane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
1,4-Dichlorobenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
2,2-Dichloropropane	ND	8.1	ug/Kg	01/06/14	HM	SW8260
2-Chlorotoluene	ND	8.1	ug/Kg	01/06/14	HM	SW8260
2-Hexanone	ND	41	ug/Kg	01/06/14	HM	SW8260

Project ID: 171 BAYARD STREET
Client ID: B2 10-12 FT

Phoenix I.D.: BF94885

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Isopropyltoluene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	1
4-Chlorotoluene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	41	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	49	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	4.9	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
m&p-Xylene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	49	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	16	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	16	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	16	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	8.1	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	8.1	ug/Kg	01/06/14	HM	SW8260	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	101		%	01/06/14	HM	70 - 130 %	
% Bromofluorobenzene	94		%	01/06/14	HM	70 - 130 %	
% Dibromofluoromethane	110		%	01/06/14	HM	70 - 130 %	
% Toluene-d8	97		%	01/06/14	HM	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	410	ug/Kg	01/06/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dichlorophenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dimethylphenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrophenol	ND	660	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2-Chloronaphthalene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2-Chlorophenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2-Methylnaphthalene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	290	ug/Kg	01/06/14	DD	SW 8270	
2-Nitroaniline	ND	660	ug/Kg	01/06/14	DD	SW 8270	
2-Nitrophenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	01/06/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	290	ug/Kg	01/06/14	DD	SW 8270	
3-Nitroaniline	ND	660	ug/Kg	01/06/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	01/06/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	410	ug/Kg	01/06/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
4-Chloroaniline	ND	290	ug/Kg	01/06/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	01/06/14	DD	SW 8270	
4-Nitroaniline	ND	660	ug/Kg	01/06/14	DD	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthylene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Acetophenone	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Aniline	ND	1200	ug/Kg	01/06/14	DD	SW 8270	
Anthracene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Benz(a)anthracene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Benzidine	ND	490	ug/Kg	01/06/14	DD	SW 8270	
Benzo(a)pyrene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Benzo(ghi)perylene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	01/06/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	410	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B2 10-12 FT

Phoenix I.D.: BF94885

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	01/06/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Carbazole	ND	610	ug/Kg	01/06/14	DD	SW 8270	
Chrysene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Dibenzofuran	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Diethyl phthalate	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Dimethylphthalate	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Di-n-butylphthalate	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Di-n-octylphthalate	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Fluoranthene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Fluorene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobenzene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobutadiene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Hexachloroethane	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Isophorone	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Naphthalene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Nitrobenzene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	410	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	410	ug/Kg	01/06/14	DD	SW 8270	
Pentachloronitrobenzene	ND	410	ug/Kg	01/06/14	DD	SW 8270	
Pentachlorophenol	ND	410	ug/Kg	01/06/14	DD	SW 8270	
Phenanthrene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Phenol	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Pyrene	ND	290	ug/Kg	01/06/14	DD	SW 8270	
Pyridine	ND	410	ug/Kg	01/06/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	91		%	01/06/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	72		%	01/06/14	DD	30 - 130 %	
% 2-Fluorophenol	73		%	01/06/14	DD	30 - 130 %	
% Nitrobenzene-d5	76		%	01/06/14	DD	30 - 130 %	
% Phenol-d5	75		%	01/06/14	DD	30 - 130 %	
% Terphenyl-d14	77		%	01/06/14	DD	30 - 130 %	

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.
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

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.

Phyllis Shiller, Laboratory Director
January 14, 2014
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

January 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94886

Project ID: 171 BAYARD STREET
Client ID: B3 0-2 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.30	0.30	mg/Kg	01/07/14	LK	SW6010
Aluminum	5380	45	mg/Kg	01/07/14	LK	SW6010
Arsenic	1.0	0.6	mg/Kg	01/07/14	LK	SW6010
Barium	33.4	0.30	mg/Kg	01/07/14	LK	SW6010
Beryllium	0.28	0.24	mg/Kg	01/07/14	LK	SW6010
Calcium	1180	4.5	mg/Kg	01/07/14	LK	SW6010
Cadmium	0.32	0.30	mg/Kg	01/07/14	LK	SW6010
Cobalt	4.94	0.30	mg/Kg	01/07/14	LK	SW6010
Chromium	17.0	0.30	mg/Kg	01/07/14	LK	SW6010
Copper	14.2	0.30	mg/kg	01/07/14	LK	SW6010
Iron	23900	45	mg/Kg	01/08/14	LK	SW6010
Mercury	< 0.08	0.08	mg/Kg	01/07/14	RS	SW-7471
Potassium	1350	4.5	mg/Kg	01/07/14	LK	SW6010
Magnesium	1950	4.5	mg/Kg	01/07/14	LK	SW6010
Manganese	381	3.0	mg/Kg	01/07/14	LK	SW6010
Sodium	63.4	4.5	mg/Kg	01/07/14	LK	SW6010
Nickel	9.67	0.30	mg/Kg	01/07/14	LK	SW6010
Lead	15.7	0.30	mg/Kg	01/07/14	LK	SW6010
Antimony	< 3.0	3.0	mg/Kg	01/07/14	LK	SW6010
Selenium	< 1.2	1.2	mg/Kg	01/07/14	LK	SW6010
Thallium	< 2.7	2.7	mg/Kg	01/07/14	LK	SW6010
Vanadium	29.1	0.30	mg/Kg	01/07/14	LK	SW6010
Zinc	248	3.0	mg/Kg	01/07/14	LK	SW6010
Percent Solid	96		%	01/06/14	I	E160.3
Soil Extraction for SVOA	Completed			01/06/14	PJ/V	SW3545
Mercury Digestion	Completed			01/07/14	I/I	SW7471
Total Metals Digest	Completed			01/06/14	Z/AG	SW846 - 3050
Field Extraction	Completed			01/01/14		SW5035

Project ID: 171 BAYARD STREET
Client ID: B3 0-2 FT

Phoenix I.D.: BF94886

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,1,1-Trichloroethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.1	ug/Kg	01/06/14	HM	SW8260	
1,1,2-Trichloroethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloroethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloroethene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,1-Dichloropropene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2,3-Trichloropropane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2-Dibromoethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichlorobenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichloroethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,2-Dichloropropane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,3-Dichlorobenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,3-Dichloropropane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
1,4-Dichlorobenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
2,2-Dichloropropane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
2-Chlorotoluene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
2-Hexanone	ND	34	ug/Kg	01/06/14	HM	SW8260	
2-Isopropyltoluene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	1
4-Chlorotoluene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	34	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	41	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	4.1	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
m&p-Xylene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	41	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	14	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	6.9	ug/Kg	01/06/14	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	01/06/14	HM	70 - 130 %	
% Bromofluorobenzene	95		%	01/06/14	HM	70 - 130 %	
% Dibromofluoromethane	110		%	01/06/14	HM	70 - 130 %	
% Toluene-d8	99		%	01/06/14	HM	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	340	ug/Kg	01/06/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dichlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dimethylphenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrophenol	ND	540	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Chloronaphthalene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Chlorophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Methylnaphthalene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	240	ug/Kg	01/06/14	DD	SW 8270	
2-Nitroaniline	ND	540	ug/Kg	01/06/14	DD	SW 8270	
2-Nitrophenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B3 0-2 FT

Phoenix I.D.: BF94886

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
3,3'-Dichlorobenzidine	ND	240	ug/Kg	01/06/14	DD	SW 8270	
3-Nitroaniline	ND	540	ug/Kg	01/06/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	990	ug/Kg	01/06/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	340	ug/Kg	01/06/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	240	ug/Kg	01/06/14	DD	SW 8270	
4-Chloroaniline	ND	240	ug/Kg	01/06/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	01/06/14	DD	SW 8270	
4-Nitroaniline	ND	540	ug/Kg	01/06/14	DD	SW 8270	
4-Nitrophenol	ND	990	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthylene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Acetophenone	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Aniline	ND	990	ug/Kg	01/06/14	DD	SW 8270	
Anthracene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benz(a)anthracene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benzidine	ND	410	ug/Kg	01/06/14	DD	SW 8270	
Benzo(a)pyrene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benzo(ghi)perylene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Benzoic acid	ND	990	ug/Kg	01/06/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	340	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	240	ug/Kg	01/06/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Carbazole	ND	510	ug/Kg	01/06/14	DD	SW 8270	
Chrysene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Dibenzofuran	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Diethyl phthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Dimethylphthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Di-n-butylphthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Di-n-octylphthalate	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Fluoranthene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Fluorene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobutadiene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Hexachloroethane	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Isophorone	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Naphthalene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
Nitrobenzene	ND	240	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	340	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	340	ug/Kg	01/06/14	DD	SW 8270	
Pentachloronitrobenzene	ND	340	ug/Kg	01/06/14	DD	SW 8270	
Pentachlorophenol	ND	340	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B3 0-2 FT

Phoenix I.D.: BF94886

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Phenanthrene	ND	240	ug/Kg	01/06/14	DD	SW 8270
Phenol	ND	240	ug/Kg	01/06/14	DD	SW 8270
Pyrene	ND	240	ug/Kg	01/06/14	DD	SW 8270
Pyridine	ND	340	ug/Kg	01/06/14	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	82		%	01/06/14	DD	30 - 130 %
% 2-Fluorobiphenyl	69		%	01/06/14	DD	30 - 130 %
% 2-Fluorophenol	66		%	01/06/14	DD	30 - 130 %
% Nitrobenzene-d5	71		%	01/06/14	DD	30 - 130 %
% Phenol-d5	69		%	01/06/14	DD	30 - 130 %
% Terphenyl-d14	74		%	01/06/14	DD	30 - 130 %

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

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 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab 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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94887

Project ID: 171 BAYARD STREET
Client ID: B3 10-12 FT

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	81		%	01/06/14	I	E160.3
Soil Extraction for SVOA	Completed			01/06/14	PJ/V	SW3545
Field Extraction	Completed			01/01/14		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,1,1-Trichloroethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	01/06/14	HM	SW8260
1,1,2-Trichloroethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloropropene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichloropropane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromoethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2-Dichlorobenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloroethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloropropane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,3-Dichlorobenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,3-Dichloropropane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
1,4-Dichlorobenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
2,2-Dichloropropane	ND	7.4	ug/Kg	01/06/14	HM	SW8260
2-Chlorotoluene	ND	7.4	ug/Kg	01/06/14	HM	SW8260
2-Hexanone	ND	37	ug/Kg	01/06/14	HM	SW8260

Project ID: 171 BAYARD STREET
Client ID: B3 10-12 FT

Phoenix I.D.: BF94887

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
2-Isopropyltoluene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	1
4-Chlorotoluene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	37	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	44	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	4.4	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
m&p-Xylene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	44	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	15	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	15	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	15	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	7.4	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	7.4	ug/Kg	01/06/14	HM	SW8260	

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
% 1,2-dichlorobenzene-d4	102		%	01/06/14	HM	70 - 130 %	
% Bromofluorobenzene	95		%	01/06/14	HM	70 - 130 %	
% Dibromofluoromethane	106		%	01/06/14	HM	70 - 130 %	
% Toluene-d8	96		%	01/06/14	HM	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	400	ug/Kg	01/06/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dichlorophenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dimethylphenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrophenol	ND	650	ug/Kg	01/06/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2-Chloronaphthalene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2-Chlorophenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2-Methylnaphthalene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	280	ug/Kg	01/06/14	DD	SW 8270	
2-Nitroaniline	ND	650	ug/Kg	01/06/14	DD	SW 8270	
2-Nitrophenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	01/06/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	280	ug/Kg	01/06/14	DD	SW 8270	
3-Nitroaniline	ND	650	ug/Kg	01/06/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	01/06/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	400	ug/Kg	01/06/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
4-Chloroaniline	ND	280	ug/Kg	01/06/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	01/06/14	DD	SW 8270	
4-Nitroaniline	ND	650	ug/Kg	01/06/14	DD	SW 8270	
4-Nitrophenol	ND	1200	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Acenaphthylene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Acetophenone	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Aniline	ND	1200	ug/Kg	01/06/14	DD	SW 8270	
Anthracene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Benz(a)anthracene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Benzidine	ND	490	ug/Kg	01/06/14	DD	SW 8270	
Benzo(a)pyrene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Benzo(ghi)perylene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	01/06/14	DD	SW 8270	LO
Benzyl butyl phthalate	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	400	ug/Kg	01/06/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B3 10-12 FT

Phoenix I.D.: BF94887

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	01/06/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Carbazole	ND	610	ug/Kg	01/06/14	DD	SW 8270	
Chrysene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Dibenzofuran	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Diethyl phthalate	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Dimethylphthalate	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Di-n-butylphthalate	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Di-n-octylphthalate	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Fluoranthene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Fluorene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobenzene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorobutadiene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Hexachloroethane	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Isophorone	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Naphthalene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Nitrobenzene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	400	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	01/06/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	400	ug/Kg	01/06/14	DD	SW 8270	
Pentachloronitrobenzene	ND	400	ug/Kg	01/06/14	DD	SW 8270	
Pentachlorophenol	ND	400	ug/Kg	01/06/14	DD	SW 8270	
Phenanthrene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Phenol	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Pyrene	ND	280	ug/Kg	01/06/14	DD	SW 8270	
Pyridine	ND	400	ug/Kg	01/06/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	78		%	01/06/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	65		%	01/06/14	DD	30 - 130 %	
% 2-Fluorophenol	66		%	01/06/14	DD	30 - 130 %	
% Nitrobenzene-d5	68		%	01/06/14	DD	30 - 130 %	
% Phenol-d5	68		%	01/06/14	DD	30 - 130 %	
% Terphenyl-d14	68		%	01/06/14	DD	30 - 130 %	

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.
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

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.

Phyllis Shiller, Laboratory Director
January 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab 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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94888

Project ID: 171 BAYARD STREET
Client ID: GW 2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	01/07/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	01/07/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	
2-Hexanone	ND	5.0	ug/L	01/07/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	01/07/14	RM	SW8260	

Project ID: 171 BAYARD STREET
Client ID: GW 2

Phoenix I.D.: BF94888

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acetone	ND	25	ug/L	01/07/14	RM	SW8260	
Acrylonitrile	ND	5.0	ug/L	01/07/14	RM	SW8260	
Benzene	ND	0.70	ug/L	01/07/14	RM	SW8260	
Bromobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Bromochloromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Bromodichloromethane	ND	0.50	ug/L	01/07/14	RM	SW8260	
Bromoform	ND	1.0	ug/L	01/07/14	RM	SW8260	
Bromomethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Carbon Disulfide	ND	5.0	ug/L	01/07/14	RM	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chloroform	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chloromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	01/07/14	RM	SW8260	
Dibromochloromethane	ND	0.50	ug/L	01/07/14	RM	SW8260	
Dibromomethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Ethylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	01/07/14	RM	SW8260	
Isopropylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
m&p-Xylene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	01/07/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	01/07/14	RM	SW8260	
Methylene chloride	ND	1.0	ug/L	01/07/14	RM	SW8260	
Naphthalene	ND	1.0	ug/L	01/07/14	RM	SW8260	
n-Butylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
n-Propylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
o-Xylene	ND	1.0	ug/L	01/07/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Styrene	ND	1.0	ug/L	01/07/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Tetrachloroethene	1.2	1.0	ug/L	01/07/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	01/07/14	RM	SW8260	1
Toluene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Total Xylenes	ND	2.0	ug/L	01/07/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	01/07/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	01/07/14	RM	SW8260	
Trichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Vinyl chloride	ND	1.0	ug/L	01/07/14	RM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/07/14	RM	70 - 130 %	
% Bromofluorobenzene	90		%	01/07/14	RM	70 - 130 %	
% Dibromofluoromethane	100		%	01/07/14	RM	70 - 130 %	

Project ID: 171 BAYARD STREET
Client ID: GW 2

Phoenix I.D.: BF94888

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	99		%	01/07/14	RM	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of 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 14, 2014
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

January 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94889

Project ID: 171 BAYARD STREET
Client ID: GW 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed			01/06/14	E/D/D	SW3520	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	01/07/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	01/07/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	01/07/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	
2-Hexanone	ND	5.0	ug/L	01/07/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	01/07/14	RM	SW8260	
Acetone	ND	25	ug/L	01/07/14	RM	SW8260	
Acrylonitrile	ND	5.0	ug/L	01/07/14	RM	SW8260	
Benzene	ND	0.70	ug/L	01/07/14	RM	SW8260	
Bromobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Bromochloromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Bromodichloromethane	ND	0.50	ug/L	01/07/14	RM	SW8260	
Bromoform	ND	1.0	ug/L	01/07/14	RM	SW8260	
Bromomethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Carbon Disulfide	ND	5.0	ug/L	01/07/14	RM	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chlorobenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chloroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chloroform	ND	1.0	ug/L	01/07/14	RM	SW8260	
Chloromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	01/07/14	RM	SW8260	
Dibromochloromethane	ND	0.50	ug/L	01/07/14	RM	SW8260	
Dibromomethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Ethylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	01/07/14	RM	SW8260	
Isopropylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
m&p-Xylene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	01/07/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	01/07/14	RM	SW8260	
Methylene chloride	ND	1.0	ug/L	01/07/14	RM	SW8260	
Naphthalene	ND	1.0	ug/L	01/07/14	RM	SW8260	
n-Butylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
n-Propylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
o-Xylene	ND	1.0	ug/L	01/07/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	01/07/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Styrene	ND	1.0	ug/L	01/07/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Tetrachloroethene	1.9	1.0	ug/L	01/07/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	01/07/14	RM	SW8260	1
Toluene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Total Xylenes	ND	2.0	ug/L	01/07/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	01/07/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	01/07/14	RM	SW8260	
Trichloroethene	ND	1.0	ug/L	01/07/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	01/07/14	RM	SW8260	
Vinyl chloride	ND	1.0	ug/L	01/07/14	RM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	01/07/14	RM	70 - 130 %	
% Bromofluorobenzene	90		%	01/07/14	RM	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	96		%	01/07/14	RM	70 - 130 %
% Toluene-d8	99		%	01/07/14	RM	70 - 130 %

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.6	ug/L	01/08/14	DD	SW8270
1,2-Dichlorobenzene	ND	3	ug/L	01/08/14	DD	SW8270
1,2-Diphenylhydrazine	ND	5.6	ug/L	01/08/14	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	01/08/14	DD	SW8270
1,4-Dichlorobenzene	ND	3	ug/L	01/08/14	DD	SW8270
2,4,5-Trichlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4,6-Trichlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dichlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dimethylphenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dinitrophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dinitrotoluene	ND	5	ug/L	01/08/14	DD	SW8270
2,6-Dinitrotoluene	ND	5	ug/L	01/08/14	DD	SW8270
2-Chloronaphthalene	ND	5.6	ug/L	01/08/14	DD	SW8270
2-Chlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2-Methylnaphthalene	ND	5.6	ug/L	01/08/14	DD	SW8270
2-Methylphenol (o-cresol)	ND	1	ug/L	01/08/14	DD	SW8270
2-Nitroaniline	ND	5	ug/L	01/08/14	DD	SW8270
2-Nitrophenol	ND	1	ug/L	01/08/14	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	11	ug/L	01/08/14	DD	SW8270
3,3'-Dichlorobenzidine	ND	5	ug/L	01/08/14	DD	SW8270
3-Nitroaniline	ND	5	ug/L	01/08/14	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	1	ug/L	01/08/14	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.6	ug/L	01/08/14	DD	SW8270
4-Chloro-3-methylphenol	ND	1	ug/L	01/08/14	DD	SW8270
4-Chloroaniline	ND	5	ug/L	01/08/14	DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.6	ug/L	01/08/14	DD	SW8270
4-Nitroaniline	ND	5	ug/L	01/08/14	DD	SW8270
4-Nitrophenol	ND	1	ug/L	01/08/14	DD	SW8270
Acetophenone	ND	5.6	ug/L	01/08/14	DD	SW8270
Aniline	ND	5	ug/L	01/08/14	DD	SW8270
Anthracene	ND	5.6	ug/L	01/08/14	DD	SW8270
Benzidine	ND	5	ug/L	01/08/14	DD	SW8270
Benzoic acid	ND	50	ug/L	01/08/14	DD	SW8270
Benzyl butyl phthalate	ND	5.6	ug/L	01/08/14	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5	ug/L	01/08/14	DD	SW8270
Bis(2-chloroethyl)ether	ND	1	ug/L	01/08/14	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.6	ug/L	01/08/14	DD	SW8270
Carbazole	ND	5.6	ug/L	01/08/14	DD	SW8270
Dibenzofuran	ND	5	ug/L	01/08/14	DD	SW8270
Diethyl phthalate	ND	5.6	ug/L	01/08/14	DD	SW8270
Dimethylphthalate	ND	5.6	ug/L	01/08/14	DD	SW8270
Di-n-butylphthalate	ND	5.6	ug/L	01/08/14	DD	SW8270
Di-n-octylphthalate	ND	5.6	ug/L	01/08/14	DD	SW8270
Fluoranthene	ND	5.6	ug/L	01/08/14	DD	SW8270
Fluorene	ND	5.6	ug/L	01/08/14	DD	SW8270
Hexachlorobutadiene	ND	0.5	ug/L	01/08/14	DD	SW8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Hexachlorocyclopentadiene	ND	5	ug/L	01/08/14	DD	SW8270	
Isophorone	ND	5.6	ug/L	01/08/14	DD	SW8270	
Naphthalene	ND	5	ug/L	01/08/14	DD	SW8270	
Nitrobenzene	ND	0.4	ug/L	01/08/14	DD	SW8270	
N-Nitrosodimethylamine	ND	5.6	ug/L	01/08/14	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.6	ug/L	01/08/14	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.6	ug/L	01/08/14	DD	SW8270	
Phenol	ND	1	ug/L	01/08/14	DD	SW8270	
Pyrene	ND	5.6	ug/L	01/08/14	DD	SW8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	59		%	01/08/14	DD	15 - 110 %	
% 2-Fluorobiphenyl	72		%	01/08/14	DD	30 - 130 %	
% 2-Fluorophenol	15		%	01/08/14	DD	15 - 110 %	
% Nitrobenzene-d5	94		%	01/08/14	DD	30 - 130 %	
% Phenol-d5	14		%	01/08/14	DD	15 - 110 %	3
% Terphenyl-d14	78		%	01/08/14	DD	30 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.8	ug/L	01/07/14	DD	SW8270 (SIM)	
Acenaphthene	ND	0.056	ug/L	01/07/14	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.056	ug/L	01/07/14	DD	SW8270 (SIM)	
Benz(a)anthracene	0.022	0.022	ug/L	01/07/14	DD	SW8270 (SIM)	
Benzo(a)pyrene	ND	0.022	ug/L	01/07/14	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	ND	0.022	ug/L	01/07/14	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	3.3	ug/L	01/07/14	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	ND	0.022	ug/L	01/07/14	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.8	ug/L	01/07/14	DD	SW8270 (SIM)	
Chrysene	ND	0.022	ug/L	01/07/14	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.011	ug/L	01/07/14	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.044	ug/L	01/07/14	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.7	ug/L	01/07/14	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.022	ug/L	01/07/14	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.11	ug/L	01/07/14	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.89	ug/L	01/07/14	DD	SW8270 (SIM)	
Phenanthrene	ND	0.056	ug/L	01/07/14	DD	SW8270 (SIM)	
Pyridine	ND	0.56	ug/L	01/07/14	DD	SW8270 (SIM)	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	59		%	01/07/14	DD	15 - 110 %	
% 2-Fluorobiphenyl	72		%	01/07/14	DD	30 - 130 %	
% 2-Fluorophenol	15		%	01/07/14	DD	15 - 110 %	
% Nitrobenzene-d5	94		%	01/07/14	DD	30 - 130 %	
% Phenol-d5	14		%	01/07/14	DD	15 - 110 %	3
% Terphenyl-d14	78		%	01/07/14	DD	30 - 130 %	

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.
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

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 and there was insufficient sample for re-extraction. The other surrogates associated with this sample were within QA/QC criteria.

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

Phyllis Shiller, Laboratory Director
January 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab 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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94890

Project ID: 171 BAYARD STREET
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100		%	01/06/14	I	E160.3
Field Extraction	Completed			01/01/14		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,1,1-Trichloroethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	2.9	ug/Kg	01/06/14	HM	SW8260
1,1,2-Trichloroethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloropropene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichloropropane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromoethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2-Dichlorobenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloroethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloropropane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,3-Dichlorobenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,3-Dichloropropane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
1,4-Dichlorobenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
2,2-Dichloropropane	ND	4.8	ug/Kg	01/06/14	HM	SW8260
2-Chlorotoluene	ND	4.8	ug/Kg	01/06/14	HM	SW8260
2-Hexanone	ND	24	ug/Kg	01/06/14	HM	SW8260
2-Isopropyltoluene	ND	4.8	ug/Kg	01/06/14	HM	SW8260

Project ID: 171 BAYARD STREET
Client ID: DUPLICATE

Phoenix I.D.: BF94890

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	24	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	29	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	2.9	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
m&p-Xylene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	29	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	9.5	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	7.7	4.8	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	9.5	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	9.5	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	4.8	ug/Kg	01/06/14	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	01/06/14	HM	70 - 130 %	

Project ID: 171 BAYARD STREET
Client ID: DUPLICATE

Phoenix I.D.: BF94890

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Bromofluorobenzene	86		%	01/06/14	HM	70 - 130 %
% Dibromofluoromethane	105		%	01/06/14	HM	70 - 130 %
% Toluene-d8	97		%	01/06/14	HM	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

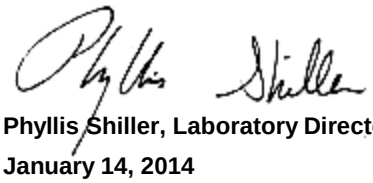
Comments:

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.

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.



Phyllis Shiller, Laboratory Director

January 14, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab 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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94891

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	01/01/14		E160.3
Field Extraction	Completed			01/01/14		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromoethane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	01/06/14	HM	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	01/06/14	HM	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	01/06/14	HM	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	01/06/14	HM	SW8260
2-Chlorotoluene	ND	250	ug/Kg	01/06/14	HM	SW8260
2-Hexanone	ND	1300	ug/Kg	01/06/14	HM	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	01/06/14	HM	SW8260 1

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BF94891

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	250	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	1300	ug/Kg	01/06/14	HM	SW8260	
Acetone	ND	5000	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	500	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	250	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	250	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	250	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	250	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	250	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
m&p-Xylene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	3000	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	500	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	250	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	250	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	250	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	250	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	500	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	250	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	250	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	250	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	250	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	250	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	250	ug/Kg	01/06/14	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/06/14	HM	70 - 130 %	

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BF94891

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Bromofluorobenzene	97		%	01/06/14	HM	70 - 130 %
% Dibromofluoromethane	102		%	01/06/14	HM	70 - 130 %
% Toluene-d8	98		%	01/06/14	HM	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

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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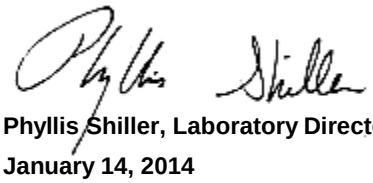

Phyllis Shiller, Laboratory Director
January 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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 14, 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:		01/01/14	0:00
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94882
Phoenix ID: BF94892

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	01/01/14		E160.3
Field Extraction	Completed			01/01/14		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	01/06/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2-Dibromoethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	01/06/14	HM	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	01/06/14	HM	SW8260
2-Hexanone	ND	25	ug/Kg	01/06/14	HM	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	01/06/14	HM	SW8260 1

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK LOW

Phoenix I.D.: BF94892

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
4-Methyl-2-pentanone	ND	25	ug/Kg	01/06/14	HM	SW8260	
Acetone	59	30	ug/Kg	01/06/14	HM	SW8260	
Acrylonitrile	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Benzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Bromobenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Bromochloromethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Bromodichloromethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Bromoform	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Bromomethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Carbon Disulfide	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Carbon tetrachloride	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Chlorobenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Chloroethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Chloroform	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Chloromethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Dibromochloromethane	ND	3.0	ug/Kg	01/06/14	HM	SW8260	
Dibromomethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Dichlorodifluoromethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Ethylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Hexachlorobutadiene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Isopropylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
m&p-Xylene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Methyl Ethyl Ketone	ND	30	ug/Kg	01/06/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	01/06/14	HM	SW8260	
Methylene chloride	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Naphthalene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
n-Butylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
n-Propylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
o-Xylene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
p-Isopropyltoluene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
sec-Butylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Styrene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
tert-Butylbenzene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Tetrachloroethene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	01/06/14	HM	SW8260	1
Toluene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Total Xylenes	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	01/06/14	HM	SW8260	
Trichloroethene	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Trichlorofluoromethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
Vinyl chloride	ND	5.0	ug/Kg	01/06/14	HM	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	01/06/14	HM	70 - 130 %	

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK LOW

Phoenix I.D.: BF94892

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Bromofluorobenzene	96		%	01/06/14	HM	70 - 130 %
% Dibromofluoromethane	103		%	01/06/14	HM	70 - 130 %
% Toluene-d8	98		%	01/06/14	HM	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

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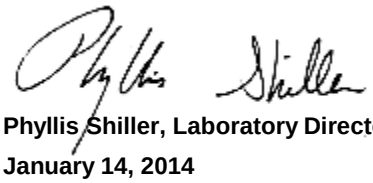


Phyllis Shiller, Laboratory Director
January 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

QA/QC Report

January 14, 2014

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 263632, QC Sample No: BF94653 (BF94882, BF94884, BF94886)													
ICP Metals - Soil													
Aluminum	BRL	637	912	35.5	102	105	2.9	130	>130	NC	75 - 125	30	m,r
Antimony	BRL	<4.8	<5.1	NC	87.1	89.3	2.5	NC	NC	NC	75 - 125	30	
Arsenic	BRL	13.0	14.8	12.9	103	112	8.4	88.7	89.3	0.7	75 - 125	30	
Barium	BRL	8.98	8.63	4.00	97.0	109	11.7	87.1	93.2	6.8	75 - 125	30	
Beryllium	BRL	1.23	2.28	NC	101	110	8.5	86.6	90.5	4.4	75 - 125	30	
Cadmium	BRL	4.07	4.63	12.9	97.4	107	9.4	83.8	86.3	2.9	75 - 125	30	
Calcium	BRL	10100	8980	11.7	90.9	100	9.5	NC	NC	NC	75 - 125	30	
Chromium	BRL	20100	21600	7.20	96.0	104	8.0	NC	NC	NC	75 - 125	30	
Cobalt	BRL	39.2	47.3	18.7	98.6	107	8.2	90.6	83.1	8.6	75 - 125	30	
Copper	BRL	687	912	28.1	93.5	100	6.7	NC	NC	NC	75 - 125	30	
Iron	BRL	342000	386000	12.1	104	98.9	5.0	NC	NC	NC	75 - 125	30	
Lead	BRL	10.4	11.9	13.5	103	110	6.6	86.1	87.7	1.8	75 - 125	30	
Magnesium	BRL	151	277	58.9	103	109	5.7	>130	>130	NC	75 - 125	30	m,r
Manganese	BRL	1070	1270	17.1	106	104	1.9	NC	NC	NC	75 - 125	30	
Nickel	BRL	689	946	31.4	97.7	107	9.1	NC	NC	NC	75 - 125	30	r
Potassium	BRL	108	133	20.7	95.0	102	7.1	104	118	12.6	75 - 125	30	
Selenium	BRL	<1.9	<2.0	NC	99.1	110	10.4	NC	76.2	NC	75 - 125	30	
Silver	BRL	<0.48	<0.51	NC	96.6	107	10.2	94.1	94.3	0.2	75 - 125	30	
Sodium	BRL	302	327	7.90	94.3	101	6.9	>130	106	NC	75 - 125	30	m
Thallium	BRL	<4.4	<4.6	NC	94.4	104	9.7	80.1	83.1	3.7	75 - 125	30	
Vanadium	BRL	271	250	8.10	103	110	6.6	108	NC	NC	75 - 125	30	
Zinc	BRL	3.38	2.97	12.9	96.8	104	7.2	82.5	90.8	9.6	75 - 125	30	
QA/QC Batch 263736, QC Sample No: BF94739 (BF94882, BF94884, BF94886)													
Mercury - Soil	BRL	1.09	1.45	28.3	95.8	99.2	3.5	121	66.7	57.9	70 - 130	30	m,r

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

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

January 14, 2014

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 263705, QC Sample No: BF94843 (BF94889)									
Semivolatiles - Ground Water									
1,2,4,5-Tetrachlorobenzene	ND	66	65	1.5				30 - 130	20
1,2,4-Trichlorobenzene	ND	66	65	1.5				30 - 130	20
1,2-Dichlorobenzene	ND	65	65	0.0				30 - 130	20
1,2-Diphenylhydrazine	ND	77	76	1.3				30 - 130	20
1,3-Dichlorobenzene	ND	65	65	0.0				30 - 130	20
1,4-Dichlorobenzene	ND	65	64	1.6				30 - 130	20
2,4,5-Trichlorophenol	ND	81	81	0.0				30 - 130	20
2,4,6-Trichlorophenol	ND	77	77	0.0				30 - 130	20
2,4-Dichlorophenol	ND	72	71	1.4				30 - 130	20
2,4-Dimethylphenol	ND	49	48	2.1				30 - 130	20
2,4-Dinitrophenol	ND	75	75	0.0				30 - 130	20
2,4-Dinitrotoluene	ND	76	75	1.3				30 - 130	20
2,6-Dinitrotoluene	ND	74	74	0.0				30 - 130	20
2-Chloronaphthalene	ND	69	68	1.5				30 - 130	20
2-Chlorophenol	ND	67	66	1.5				30 - 130	20
2-Methylnaphthalene	ND	69	68	1.5				30 - 130	20
2-Methylphenol (o-cresol)	ND	66	65	1.5				30 - 130	20
2-Nitroaniline	ND	121	114	6.0				30 - 130	20
2-Nitrophenol	ND	70	69	1.4				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	67	66	1.5				30 - 130	20
3,3'-Dichlorobenzidine	ND	105	105	0.0				30 - 130	20
3-Nitroaniline	ND	84	84	0.0				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	83	81	2.4				30 - 130	20
4-Bromophenyl phenyl ether	ND	70	70	0.0				30 - 130	20
4-Chloro-3-methylphenol	ND	79	78	1.3				30 - 130	20
4-Chloroaniline	ND	69	68	1.5				30 - 130	20
4-Chlorophenyl phenyl ether	ND	70	70	0.0				30 - 130	20
4-Nitroaniline	ND	80	80	0.0				30 - 130	20
4-Nitrophenol	ND	112	108	3.6				15 - 130	20
Acenaphthene	ND	72	72	0.0				30 - 130	20
Acenaphthylene	ND	70	70	0.0				30 - 130	20
Acetophenone	ND	76	75	1.3				30 - 130	20
Aniline	ND	38	37	2.7				30 - 130	20
Anthracene	ND	73	73	0.0				30 - 130	20
Benz(a)anthracene	ND	76	75	1.3				30 - 130	20
Benzidine	ND	9.5	8.8	7.7				30 - 130	20
Benzo(a)pyrene	ND	67	66	1.5				30 - 130	20
Benzo(b)fluoranthene	ND	73	74	1.4				30 - 130	20
Benzo(ghi)perylene	ND	72	72	0.0				30 - 130	20
Benzo(k)fluoranthene	ND	77	75	2.6				30 - 130	20
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzyl butyl phthalate	ND	83	82	1.2				30 - 130	20
Bis(2-chloroethoxy)methane	ND	69	68	1.5				30 - 130	20
Bis(2-chloroethyl)ether	ND	67	66	1.5				30 - 130	20
Bis(2-chloroisopropyl)ether	ND	69	67	2.9				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	84	83	1.2				30 - 130	20
Carbazole	ND	81	79	2.5				30 - 130	20
Chrysene	ND	76	76	0.0				30 - 130	20
Dibenz(a,h)anthracene	ND	70	71	1.4				30 - 130	20
Dibenzofuran	ND	74	73	1.4				30 - 130	20
Diethyl phthalate	ND	76	76	0.0				30 - 130	20
Dimethylphthalate	ND	73	72	1.4				30 - 130	20
Di-n-butylphthalate	ND	82	78	5.0				30 - 130	20
Di-n-octylphthalate	ND	78	78	0.0				30 - 130	20
Fluoranthene	ND	78	75	3.9				30 - 130	20
Fluorene	ND	73	72	1.4				30 - 130	20
Hexachlorobenzene	ND	79	78	1.3				30 - 130	20
Hexachlorobutadiene	ND	65	65	0.0				30 - 130	20
Hexachlorocyclopentadiene	ND	52	51	1.9				30 - 130	20
Hexachloroethane	ND	67	67	0.0				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	72	71	1.4				30 - 130	20
Isophorone	ND	76	75	1.3				30 - 130	20
Naphthalene	ND	67	67	0.0				30 - 130	20
Nitrobenzene	ND	72	70	2.8				30 - 130	20
N-Nitrosodimethylamine	ND	56	58	3.5				30 - 130	20
N-Nitrosodi-n-propylamine	ND	71	70	1.4				30 - 130	20
N-Nitrosodiphenylamine	ND	76	76	0.0				30 - 130	20
Pentachloronitrobenzene	ND	75	76	1.3				30 - 130	20
Pentachlorophenol	ND	82	82	0.0				30 - 130	20
Phenanthrene	ND	74	74	0.0				30 - 130	20
Phenol	ND	60	59	1.7				15 - 130	20
Pyrene	ND	81	77	5.1				30 - 130	20
Pyridine	ND	29	29	0.0				30 - 130	20
% 2,4,6-Tribromophenol	86	80	81	1.2				15 - 110	20
% 2-Fluorobiphenyl	73	68	67	1.5				30 - 130	20
% 2-Fluorophenol	68	56	55	1.8				15 - 110	20
% Nitrobenzene-d5	89	68	67	1.5				30 - 130	20
% Phenol-d5	78	60	58	3.4				15 - 110	20
% Terphenyl-d14	74	78	77	1.3				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 263702, QC Sample No: BF94883 (BF94882, BF94883, BF94884, BF94885, BF94886, BF94887)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	55	54	1.8	68	68	0.0	30 - 130	30
1,2,4-Trichlorobenzene	ND	55	55	0.0	70	69	1.4	30 - 130	30
1,2-Dichlorobenzene	ND	55	54	1.8	68	68	0.0	30 - 130	30
1,2-Diphenylhydrazine	ND	65	64	1.6	78	78	0.0	30 - 130	30
1,3-Dichlorobenzene	ND	54	54	0.0	68	68	0.0	30 - 130	30
1,4-Dichlorobenzene	ND	54	53	1.9	68	68	0.0	30 - 130	30
2,4,5-Trichlorophenol	ND	64	63	1.6	83	84	1.2	30 - 130	30
2,4,6-Trichlorophenol	ND	64	63	1.6	81	81	0.0	30 - 130	30
2,4-Dichlorophenol	ND	60	60	0.0	76	77	1.3	30 - 130	30

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dimethylphenol	ND	43	42	2.4	47	47	0.0	30 - 130	30	
2,4-Dinitrophenol	ND	<5	<5	NC	15	16	6.5	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	62	62	0.0	78	77	1.3	30 - 130	30	
2,6-Dinitrotoluene	ND	62	61	1.6	76	78	2.6	30 - 130	30	
2-Chloronaphthalene	ND	58	57	1.7	71	72	1.4	30 - 130	30	
2-Chlorophenol	ND	57	57	0.0	73	73	0.0	30 - 130	30	
2-Methylnaphthalene	ND	57	57	0.0	71	70	1.4	30 - 130	30	
2-Methylphenol (o-cresol)	ND	55	56	1.8	66	66	0.0	30 - 130	30	
2-Nitroaniline	ND	101	99	2.0	113	113	0.0	30 - 130	30	
2-Nitrophenol	ND	53	53	0.0	70	70	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	57	57	0.0	67	67	0.0	30 - 130	30	
3,3'-Dichlorobenzidine	ND	79	78	1.3	80	80	0.0	30 - 130	30	
3-Nitroaniline	ND	70	69	1.4	80	81	1.2	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	21	21	0.0	67	67	0.0	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	59	58	1.7	73	73	0.0	30 - 130	30	
4-Chloro-3-methylphenol	ND	65	64	1.6	80	80	0.0	30 - 130	30	
4-Chloroaniline	ND	52	52	0.0	55	54	1.8	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	60	59	1.7	72	73	1.4	30 - 130	30	
4-Nitroaniline	ND	67	65	3.0	81	82	1.2	30 - 130	30	
4-Nitrophenol	ND	83	83	0.0	109	110	0.9	30 - 130	30	
Acenaphthene	ND	60	60	0.0	74	75	1.3	30 - 130	30	
Acenaphthylene	ND	59	59	0.0	73	74	1.4	30 - 130	30	
Acetophenone	ND	63	62	1.6	80	79	1.3	30 - 130	30	
Aniline	ND	61	61	0.0	61	60	1.7	30 - 130	30	
Anthracene	ND	61	60	1.7	75	75	0.0	30 - 130	30	
Benz(a)anthracene	ND	62	62	0.0	78	78	0.0	30 - 130	30	
Benzidine	ND	52	54	3.8	<5	<5	NC	30 - 130	30	m
Benzo(a)pyrene	ND	56	55	1.8	69	70	1.4	30 - 130	30	
Benzo(b)fluoranthene	ND	60	61	1.7	81	80	1.2	30 - 130	30	
Benzo(ghi)perylene	ND	55	55	0.0	69	69	0.0	30 - 130	30	
Benzo(k)fluoranthene	ND	65	63	3.1	78	78	0.0	30 - 130	30	
Benzyl butyl phthalate	ND	66	66	0.0	84	84	0.0	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	57	57	0.0	72	72	0.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	57	56	1.8	71	71	0.0	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	58	57	1.7	72	71	1.4	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	67	67	0.0	85	85	0.0	30 - 130	30	
Carbazole	ND	68	68	0.0	83	84	1.2	30 - 130	30	
Chrysene	ND	62	62	0.0	77	76	1.3	30 - 130	30	
Dibenz(a,h)anthracene	ND	54	55	1.8	68	69	1.5	30 - 130	30	
Dibenzofuran	ND	61	61	0.0	75	76	1.3	30 - 130	30	
Diethyl phthalate	ND	61	61	0.0	75	77	2.6	30 - 130	30	
Dimethylphthalate	ND	60	60	0.0	75	76	1.3	30 - 130	30	
Di-n-butylphthalate	ND	61	61	0.0	77	77	0.0	30 - 130	30	
Di-n-octylphthalate	ND	65	64	1.6	79	79	0.0	30 - 130	30	
Fluoranthene	ND	62	61	1.6	80	79	1.3	30 - 130	30	
Fluorene	ND	60	59	1.7	74	74	0.0	30 - 130	30	
Hexachlorobenzene	ND	65	65	0.0	81	79	2.5	30 - 130	30	
Hexachlorobutadiene	ND	55	54	1.8	68	68	0.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	46	46	0.0	58	59	1.7	30 - 130	30	
Hexachloroethane	ND	56	55	1.8	71	71	0.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	55	55	0.0	69	70	1.4	30 - 130	30	
Isophorone	ND	62	62	0.0	78	77	1.3	30 - 130	30	
Naphthalene	ND	58	57	1.7	71	71	0.0	30 - 130	30	

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Nitrobenzene	ND	60	59	1.7	75	74	1.3	30 - 130	30	
N-Nitrosodimethylamine	ND	50	48	4.1	63	62	1.6	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	59	58	1.7	74	73	1.4	30 - 130	30	
N-Nitrosodiphenylamine	ND	65	64	1.6	77	78	1.3	30 - 130	30	
Pentachloronitrobenzene	ND	61	61	0.0	77	76	1.3	30 - 130	30	
Pentachlorophenol	ND	42	43	2.4	80	80	0.0	30 - 130	30	
Phenanthrene	ND	61	61	0.0	76	76	0.0	30 - 130	30	
Phenol	ND	59	59	0.0	72	72	0.0	30 - 130	30	
Pyrene	ND	64	63	1.6	84	83	1.2	30 - 130	30	
Pyridine	ND	41	41	0.0	50	50	0.0	30 - 130	30	
% 2,4,6-Tribromophenol	69	68	67	1.5	80	79	1.3	30 - 130	30	
% 2-Fluorobiphenyl	65	58	57	1.7	71	72	1.4	30 - 130	30	
% 2-Fluorophenol	60	55	54	1.8	68	68	0.0	30 - 130	30	
% Nitrobenzene-d5	65	57	57	0.0	72	71	1.4	30 - 130	30	
% Phenol-d5	65	57	57	0.0	70	70	0.0	30 - 130	30	
% Terphenyl-d14	63	68	66	3.0	86	86	0.0	30 - 130	30	

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 263770, QC Sample No: BF94886 (BF94882, BF94883, BF94884 (67, 1X) , BF94885, BF94886, BF94887, BF94890, BF94891 (50X) , BF94892)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	112	112	0.0	105	109	3.7	70 - 130	30	
1,1,1-Trichloroethane	ND	106	108	1.9	95	105	10.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	102	97	5.0	98	96	2.1	70 - 130	30	
1,1,2-Trichloroethane	ND	102	98	4.0	93	93	0.0	70 - 130	30	
1,1-Dichloroethane	ND	131	107	20.2	118	98	18.5	70 - 130	30	I
1,1-Dichloroethene	ND	103	104	1.0	92	101	9.3	70 - 130	30	
1,1-Dichloropropene	ND	102	105	2.9	95	105	10.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	115	109	5.4	94	90	4.3	70 - 130	30	
1,2,3-Trichloropropane	ND	103	98	5.0	101	99	2.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	119	112	6.1	93	90	3.3	70 - 130	30	
1,2,4-Trimethylbenzene	ND	121	122	0.8	102	110	7.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	114	103	10.1	108	100	7.7	70 - 130	30	
1,2-Dibromoethane	ND	100	97	3.0	92	91	1.1	70 - 130	30	
1,2-Dichlorobenzene	ND	110	110	0.0	97	101	4.0	70 - 130	30	
1,2-Dichloroethane	ND	100	96	4.1	93	93	0.0	70 - 130	30	
1,2-Dichloropropane	ND	99	100	1.0	90	97	7.5	70 - 130	30	
1,3,5-Trimethylbenzene	ND	116	119	2.6	104	113	8.3	70 - 130	30	
1,3-Dichlorobenzene	ND	111	112	0.9	97	102	5.0	70 - 130	30	
1,3-Dichloropropane	ND	106	101	4.8	100	98	2.0	70 - 130	30	
1,4-Dichlorobenzene	ND	112	111	0.9	97	100	3.0	70 - 130	30	
2,2-Dichloropropane	ND	115	117	1.7	98	107	8.8	70 - 130	30	
2-Chlorotoluene	ND	110	113	2.7	100	108	7.7	70 - 130	30	
2-Hexanone	ND	91	79	14.1	85	79	7.3	70 - 130	30	
2-Isopropyltoluene	ND	115	117	1.7	106	114	7.3	70 - 130	30	
4-Chlorotoluene	ND	114	116	1.7	99	106	6.8	70 - 130	30	
4-Methyl-2-pentanone	ND	92	81	12.7	89	82	8.2	70 - 130	30	
Acetone	ND	79	69	13.5	71	77	8.1	70 - 130	30	I
Acrylonitrile	ND	130	85	41.9	116	79	37.9	70 - 130	30	r
Benzene	ND	99	100	1.0	91	97	6.4	70 - 130	30	
Bromobenzene	ND	108	110	1.8	99	104	4.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromochloromethane	ND	98	98	0.0	92	92	0.0	70 - 130	30	
Bromodichloromethane	ND	104	101	2.9	96	99	3.1	70 - 130	30	
Bromoform	ND	120	113	6.0	109	104	4.7	70 - 130	30	
Bromomethane	ND	100	100	0.0	95	104	9.0	70 - 130	30	
Carbon Disulfide	ND	95	96	1.0	85	92	7.9	70 - 130	30	
Carbon tetrachloride	ND	110	114	3.6	103	115	11.0	70 - 130	30	
Chlorobenzene	ND	109	109	0.0	98	103	5.0	70 - 130	30	
Chloroethane	ND	116	123	5.9	103	119	14.4	70 - 130	30	
Chloroform	ND	101	102	1.0	93	98	5.2	70 - 130	30	
Chloromethane	ND	91	83	9.2	79	79	0.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	100	102	2.0	89	95	6.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	104	102	1.9	94	97	3.1	70 - 130	30	
Dibromochloromethane	ND	115	112	2.6	106	105	0.9	70 - 130	30	
Dibromomethane	ND	98	96	2.1	93	92	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	77	76	1.3	68	75	9.8	70 - 130	30	m
Ethylbenzene	ND	111	110	0.9	100	108	7.7	70 - 130	30	
Hexachlorobutadiene	ND	128	125	2.4	109	116	6.2	70 - 130	30	
Isopropylbenzene	ND	116	120	3.4	105	115	9.1	70 - 130	30	
m&p-Xylene	ND	111	111	0.0	100	107	6.8	70 - 130	30	
Methyl ethyl ketone	ND	78	67	15.2	78	71	9.4	70 - 130	30	I
Methyl t-butyl ether (MTBE)	ND	98	93	5.2	90	87	3.4	70 - 130	30	
Methylene chloride	ND	96	95	1.0	89	90	1.1	70 - 130	30	
Naphthalene	ND	112	105	6.5	93	88	5.5	70 - 130	30	
n-Butylbenzene	ND	126	125	0.8	104	113	8.3	70 - 130	30	
n-Propylbenzene	ND	123	124	0.8	102	113	10.2	70 - 130	30	
o-Xylene	ND	113	113	0.0	99	104	4.9	70 - 130	30	
p-Isopropyltoluene	ND	121	123	1.6	106	115	8.1	70 - 130	30	
sec-Butylbenzene	ND	115	118	2.6	105	116	10.0	70 - 130	30	
Styrene	ND	113	113	0.0	96	100	4.1	70 - 130	30	
tert-Butylbenzene	ND	116	120	3.4	105	116	10.0	70 - 130	30	
Tetrachloroethene	ND	115	114	0.9	105	114	8.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	92	81	12.7	90	81	10.5	70 - 130	30	
Toluene	ND	102	104	1.9	93	100	7.3	70 - 130	30	
trans-1,2-Dichloroethene	ND	105	105	0.0	93	100	7.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	105	102	2.9	98	97	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	123	114	7.6	107	104	2.8	70 - 130	30	
Trichloroethene	ND	103	104	1.0	93	103	10.2	70 - 130	30	
Trichlorofluoromethane	ND	109	109	0.0	97	109	11.7	70 - 130	30	
Trichlorotrifluoroethane	ND	113	115	1.8	99	111	11.4	70 - 130	30	
Vinyl chloride	ND	97	95	2.1	83	91	9.2	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	100	101	1.0	101	100	1.0	70 - 130	30	
% Bromofluorobenzene	96	99	98	1.0	99	97	2.0	70 - 130	30	
% Dibromofluoromethane	105	104	104	0.0	102	100	2.0	70 - 130	30	
% Toluene-d8	97	99	99	0.0	99	99	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

QA/QC Batch 263861, QC Sample No: BF95072 (BF94888, BF94889)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	101	113	11.2	96	97	1.0	70 - 130	30	
1,1,1-Trichloroethane	ND	99	106	6.8	100	101	1.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	88	96	8.7	95	93	2.1	70 - 130	30	
1,1,2-Trichloroethane	ND	93	101	8.2	91	87	4.5	70 - 130	30	

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloroethane	ND	98	103	5.0	100	100	0.0	70 - 130	30	
1,1-Dichloroethene	ND	102	107	4.8	110	114	3.6	70 - 130	30	
1,1-Dichloropropene	ND	98	109	10.6	97	98	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	91	101	10.4	78	81	3.8	70 - 130	30	
1,2,3-Trichloropropane	ND	96	107	10.8	97	99	2.0	70 - 130	30	
1,2,4-Trichlorobenzene	ND	92	107	15.1	85	85	0.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	114	130	13.1	111	113	1.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	82	92	11.5	82	84	2.4	70 - 130	30	
1,2-Dibromoethane	ND	94	100	6.2	89	88	1.1	70 - 130	30	
1,2-Dichlorobenzene	ND	97	110	12.6	97	96	1.0	70 - 130	30	
1,2-Dichloroethane	ND	95	102	7.1	94	92	2.2	70 - 130	30	
1,2-Dichloropropane	ND	95	104	9.0	98	95	3.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	111	125	11.9	111	114	2.7	70 - 130	30	
1,3-Dichlorobenzene	ND	99	113	13.2	99	101	2.0	70 - 130	30	
1,3-Dichloropropane	ND	96	103	7.0	95	94	1.1	70 - 130	30	
1,4-Dichlorobenzene	ND	98	111	12.4	98	98	0.0	70 - 130	30	
2,2-Dichloropropane	ND	97	104	7.0	77	78	1.3	70 - 130	30	
2-Chlorotoluene	ND	103	118	13.6	104	107	2.8	70 - 130	30	
2-Hexanone	ND	83	90	8.1	78	77	1.3	70 - 130	30	
2-Isopropyltoluene	ND	106	122	14.0	109	111	1.8	70 - 130	30	
4-Chlorotoluene	ND	106	121	13.2	104	107	2.8	70 - 130	30	
4-Methyl-2-pentanone	ND	88	94	6.6	83	78	6.2	70 - 130	30	
Acetone	ND	69	70	1.4	84	78	7.4	70 - 130	30	I
Acrylonitrile	ND	81	84	3.6	88	87	1.1	70 - 130	30	
Benzene	ND	98	106	7.8	99	98	1.0	70 - 130	30	
Bromobenzene	ND	99	113	13.2	100	100	0.0	70 - 130	30	
Bromochloromethane	ND	88	92	4.4	88	87	1.1	70 - 130	30	
Bromodichloromethane	ND	95	102	7.1	98	94	4.2	70 - 130	30	
Bromoform	ND	99	108	8.7	96	91	5.3	70 - 130	30	
Bromomethane	ND	106	120	12.4	91	116	24.2	70 - 130	30	
Carbon Disulfide	ND	104	110	5.6	110	114	3.6	70 - 130	30	
Carbon tetrachloride	ND	101	112	10.3	98	99	1.0	70 - 130	30	
Chlorobenzene	ND	100	112	11.3	99	98	1.0	70 - 130	30	
Chloroethane	ND	108	114	5.4	118	118	0.0	70 - 130	30	
Chloroform	ND	95	100	5.1	97	97	0.0	70 - 130	30	
Chloromethane	ND	90	93	3.3	87	89	2.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	96	100	4.1	94	93	1.1	70 - 130	30	
cis-1,3-Dichloropropene	ND	95	104	9.0	91	89	2.2	70 - 130	30	
Dibromochloromethane	ND	100	108	7.7	93	94	1.1	70 - 130	30	
Dibromomethane	ND	90	96	6.5	94	90	4.3	70 - 130	30	
Dichlorodifluoromethane	ND	74	78	5.3	73	75	2.7	70 - 130	30	
Ethylbenzene	ND	103	114	10.1	103	105	1.9	70 - 130	30	
Hexachlorobutadiene	ND	102	119	15.4	95	102	7.1	70 - 130	30	
Isopropylbenzene	ND	111	126	12.7	111	115	3.5	70 - 130	30	
m&p-Xylene	ND	105	116	10.0	104	105	1.0	70 - 130	30	
Methyl ethyl ketone	ND	75	73	2.7	76	<40	NC	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	85	88	3.5	79	76	3.9	70 - 130	30	
Methylene chloride	ND	91	93	2.2	96	96	0.0	70 - 130	30	
Naphthalene	ND	95	105	10.0	83	85	2.4	70 - 130	30	
n-Butylbenzene	ND	116	129	10.6	112	113	0.9	70 - 130	30	
n-Propylbenzene	ND	114	131	13.9	108	110	1.8	70 - 130	30	I
o-Xylene	ND	101	113	11.2	100	101	1.0	70 - 130	30	
p-Isopropyltoluene	ND	114	130	13.1	112	116	3.5	70 - 130	30	

QA/QC Data

SDG I.D.: GBF94882

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
sec-Butylbenzene	ND	108	122	12.2	111	116	4.4	70 - 130	30
Styrene	ND	102	112	9.3	101	99	2.0	70 - 130	30
tert-Butylbenzene	ND	112	128	13.3	111	115	3.5	70 - 130	30
Tetrachloroethene	ND	102	116	12.8	101	104	2.9	70 - 130	30
Tetrahydrofuran (THF)	ND	80	83	3.7	84	80	4.9	70 - 130	30
Toluene	ND	98	108	9.7	98	97	1.0	70 - 130	30
trans-1,2-Dichloroethene	ND	86	102	17.0	114	88	25.7	70 - 130	30
trans-1,3-Dichloropropene	ND	93	100	7.3	90	87	3.4	70 - 130	30
trans-1,4-dichloro-2-butene	ND	98	108	9.7	86	82	4.8	70 - 130	30
Trichloroethene	ND	100	112	11.3	98	98	0.0	70 - 130	30
Trichlorofluoromethane	ND	94	98	4.2	102	100	2.0	70 - 130	30
Trichlorotrifluoroethane	ND	99	108	8.7	104	104	0.0	70 - 130	30
Vinyl chloride	ND	99	103	4.0	100	103	3.0	70 - 130	30
% 1,2-dichlorobenzene-d4	102	96	98	2.1	99	95	4.1	70 - 130	30
% Bromofluorobenzene	91	98	95	3.1	96	94	2.1	70 - 130	30
% Dibromofluoromethane	102	93	93	0.0	95	97	2.1	70 - 130	30
% Toluene-d8	100	99	99	0.0	102	100	2.0	70 - 130	30

Comment:

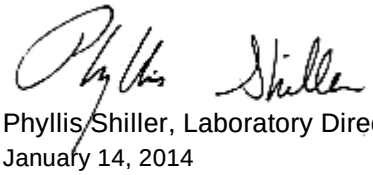
A blank MS/MSD was analyzed with this batch.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

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

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



Phyllis Shiller, Laboratory Director
January 14, 2014

Sample Criteria Exceedences Report

GBF94882 - EBC

Criteria: NY: 375, 375RRS, 375RS, GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF94882	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	76.0	0.32	63	63	mg/Kg
BF94882	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	485	3.2	109	109	mg/Kg
BF94884	CD-SM	Cadmium	NY / 375-6.8 Metals / Residential	3.54	0.38	2.5	2.5	mg/Kg
BF94884	CD-SM	Cadmium	NY / 375-6.8 Metals / Unrestricted Use Soil	3.54	0.38	2.5	2.5	mg/Kg
BF94884	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	149	0.38	50	50	mg/kg
BF94884	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.96	0.09	0.81	0.81	mg/Kg
BF94884	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.96	0.09	0.81	0.81	mg/Kg
BF94884	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.96	0.09	0.18	0.18	mg/Kg
BF94884	PB-SM	Lead	NY / 375-6.8 Metals / Residential	1210	3.8	400	400	mg/Kg
BF94884	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	1210	3.8	400	400	mg/Kg
BF94884	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1210	3.8	63	63	mg/Kg
BF94884	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	503	3.8	109	109	mg/Kg
BF94886	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	248	3.0	109	109	mg/Kg
BF94888	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF94888	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF94888	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF94889	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF94889	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF94889	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF94889	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.044	0.04	0.04	ug/L
BF94889	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.022	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.022	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.022	0.002	0.002	ug/L
BF94889	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.022	0.002	0.002	ug/L
BF94892	$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	59	30	50	50	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

January 14, 2014

SDG I.D.: GBF94882

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

WIC IP

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg of

PHOENIX *Environmental Laboratories, Inc.*

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

Data Delivery:
☐ Fax #:
☒ Email: on File

Customer: EBC
Address: Liqz NY

Project: 171 Bayard Street Brooklyn NY
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Chris Ll Date: 1/1/14

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	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
94882	B1 0-2'	Soil	1/1/14	PM		X		3	1								
94883	B1 10-12'	↓	↓	PM													
94884	B2 0-2'			AM		X											
94885	B2 10-12'			AM													
94886	B3 0-2'			PM		X											
94887	B3 10-12'			PM													
* 94888	B2 GW2	GW		AM				3									
94889	B3 GW3	↓	↓	PM	↓	↓		X				1	1				
94890	Duplicate	Soil		AM	X	X		3									
94891	Trip Blank high							1									
94892	Trip Blank low							1									

Relinquished by:	Accepted by:	Date:	Time:
		1-6-14	10:05
	TFedEx	1-6-14	15:07

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:

Hold All Soil samples for Cat. B Analysis of TAL metals Pesticides/PCBS. ~~Hold B1 10-12 B2 10-12 B3 10-12~~ GW-2 Broken Amber + VOAS

*GW 2 rcvd 3 vocs, emailed client - run per client

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

WIC IP

Temp 4°C Pg of

PHOENIX *Environmental Laboratories, Inc.*

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

Client Services (860) 645-8726

Data Delivery:
- ☐ Fax #:
- ☒ Email: Fil

Customer:	EBC	Project:	171 Bayard Street	Project P.O:	
Address:	Bklyn NY	Report to:	Brooklyn NY	Phone #:	
		Invoice to:		Fax #:	

Client Sample - Information - Identification

Sampler's Signature: Chuck Ed Date: 1/1/14

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	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
94882	B1 0-2'	Soil	1/1/14	PM			X		3	1							
94883	B1 10-12'			PM													
94884	B2 0-2'			AM			X										
94885	B2 10-12'			AM													
94886	B3 0-2'			PM			X										
94887	B3 10-12'			PM													
* 94888	B2 GW2	GW		AM					3								
94889	B3 GW3	↓	X**	PM	↓	↓			X			1	1				
94890	Duplicate	Soil		AM	X	X			3								
94891	Trip Blank high								1								
94892	Trip Blank low								1								

Relinquished by:	Accepted by:	Date:	Time:
Chuck Ed		1-6-14	10:05
	TFEDEX	1-6-14	15:07

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:

Hold ~~All~~ Soil samples for Later Analysis of ~~TAL metals~~ Pesticides/PCBS, ~~Hold B1 10-12~~ ~~B2 10-12~~ ~~B3 10-12~~ GW2 Broken Number + VOAs

*GW 2 rcvd 3 VOAs, emailed client - run per client

State where samples were collected: NY

** GW3 rcvd 1 VOA w/ head space (LA) 1-7-14

PHOENIX
Environmental Laboratories, Inc.

Tuesday, April 29, 2014

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

Project ID: 171-173 BAYARD ST BROOKLYN
Sample ID#s: BG35536 - BG35540

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

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

April 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:	GROUND WATER	Collected by:		04/22/14	8:30
Location Code:	EBC	Received by:	SW	04/22/14	14:46
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG35536
Phoenix ID: BG35536

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: MW 1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Aluminum (Dissolved)	0.11		0.01	0.0026	mg/L	04/22/14	EK	SW6010
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	04/22/14	EK	SW6010
Barium (Dissolved)	0.025		0.011	0.001	mg/L	04/22/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Calcium (Dissolved)	37.3		0.01	0.003	mg/L	04/22/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	04/22/14	EK	SW6010
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Copper, (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Iron, (Dissolved)	0.06		0.01	0.01	mg/L	04/22/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	04/23/14	RS	SW7470
Potassium (Dissolved)	3.3		0.1	0.1	mg/L	04/22/14	EK	SW6010
Magnesium (Dissolved)	11.3		0.01	0.001	mg/L	04/22/14	EK	SW6010
Manganese, (Dissolved)	3.33		0.053	0.011	mg/L	04/22/14	EK	SW6010
Sodium (Dissolved)	177		1.1	1.1	mg/L	04/22/14	EK	SW6010
Nickel, (Dissolved)	0.004		0.004	0.001	mg/L	04/22/14	EK	SW6010
Lead (Dissolved)	0.002		0.002	0.001	mg/L	04/22/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	04/23/14	RS	7010
Thallium , (Dissolved)	< 0.001		0.001	0.001	mg/L	04/24/14	TH	7010
Vanadium, (Dissolved)	0.002	B*	0.01	0.001	mg/L	04/22/14	EK	SW6010
Zinc, (Dissolved)	0.002	B*	0.011	0.001	mg/L	04/22/14	EK	SW6010
Filtration	Completed					04/22/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					04/23/14	I/I	SW7470
PCB Extraction	Completed					04/22/14	T	SW3510C
Extraction for Pest (2 Liter)	Completed					04/22/14	T	SW3510
Semi-Volatile Extraction	Completed					04/22/14	E/K/K	SW3520

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: MW 1

Phoenix I.D.: BG35536

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				04/22/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	04/24/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	04/24/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	04/24/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	04/24/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	104			%	04/24/14	CE	SW8081	
%TCMX (Surrogate Rec)	70			%	04/24/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
QA/QC Surrogates								
% DCBP	84			%	04/24/14	AW	30 - 150 %	
% TCMX	54			%	04/24/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/24/14	RM	SW8260	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	04/24/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
1,2-Dichloroethane	0.22	J	2.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.19	ug/L	04/24/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	04/24/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	04/24/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Acetone	ND		5.0	0.31	ug/L	04/24/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	04/24/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	04/24/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	04/24/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	04/24/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	04/24/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	04/24/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	04/24/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	04/24/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	04/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	04/24/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	04/24/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	04/24/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	04/24/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	04/24/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	04/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	14		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	04/24/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	04/24/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Tetrachloroethene	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/24/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/24/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	04/24/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	04/24/14	RM	70 - 121 %	
% Bromofluorobenzene	99			%	04/24/14	RM	59 - 113 %	
% Dibromofluoromethane	100			%	04/24/14	RM	70 - 130 %	
% Toluene-d8	101			%	04/24/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	1.0	1.4	ug/L	04/25/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	04/25/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Nitroaniline	ND	5.0	5.0	ug/L	04/25/14	DD	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	04/25/14	DD	SW 8270	
3-Nitroaniline	ND	5.0	5.0	ug/L	04/25/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Chloroaniline	ND	3.5	2.3	ug/L	04/25/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	04/25/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	04/25/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	04/25/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	04/25/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	04/25/14	DD	SW 8270
Phenol	ND	1.0	1.6	ug/L	04/25/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	04/25/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	78			%	04/25/14	DD	19 - 122 %
% 2-Fluorobiphenyl	76			%	04/25/14	DD	30 - 115 %
% 2-Fluorophenol	59			%	04/25/14	DD	25 - 121 %
% Nitrobenzene-d5	82			%	04/25/14	DD	23 - 120 %
% Phenol-d5	64			%	04/25/14	DD	24 - 113 %
% Terphenyl-d14	81			%	04/25/14	DD	18 - 137 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	04/24/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.04	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	04/24/14	DD	SW8270 (SIM)
Chrysene	0.03	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	04/24/14	DD	SW8270 (SIM)

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	04/24/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	04/24/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	99			%	04/24/14	DD	19 - 122 %
% 2-Fluorobiphenyl	88			%	04/24/14	DD	30 - 115 %
% 2-Fluorophenol	88			%	04/24/14	DD	25 - 121 %
% Nitrobenzene-d5	101			%	04/24/14	DD	23 - 120 %
% Phenol-d5	82			%	04/24/14	DD	24 - 113 %
% Terphenyl-d14	116			%	04/24/14	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.

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
April 29, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab 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

April 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:	GROUND WATER	Collected by:		04/22/14	8:40
Location Code:	EBC	Received by:	SW	04/22/14	14:46
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG35536
Phoenix ID: BG35537

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: MW 2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Aluminum (Dissolved)	0.09		0.01	0.0026	mg/L	04/22/14	EK	SW6010
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	04/22/14	EK	SW6010
Barium (Dissolved)	0.156		0.011	0.001	mg/L	04/22/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Calcium (Dissolved)	89.2		0.01	0.003	mg/L	04/22/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	04/22/14	EK	SW6010
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Copper, (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Iron, (Dissolved)	0.02		0.01	0.01	mg/L	04/22/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	04/23/14	RS	SW7470
Potassium (Dissolved)	4.5		0.1	0.1	mg/L	04/22/14	EK	SW6010
Magnesium (Dissolved)	9.18		0.01	0.001	mg/L	04/22/14	EK	SW6010
Manganese, (Dissolved)	1.67		0.005	0.001	mg/L	04/22/14	EK	SW6010
Sodium (Dissolved)	81.1		1.1	1.1	mg/L	04/22/14	EK	SW6010
Nickel, (Dissolved)	0.005		0.004	0.001	mg/L	04/22/14	EK	SW6010
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	04/22/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	04/23/14	RS	7010
Thallium , (Dissolved)	< 0.001		0.001	0.001	mg/L	04/24/14	TH	7010
Vanadium, (Dissolved)	0.002	B*	0.01	0.001	mg/L	04/22/14	EK	SW6010
Zinc, (Dissolved)	0.036	*	0.011	0.001	mg/L	04/22/14	EK	SW6010
Filtration	Completed					04/22/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					04/23/14	I/I	SW7470
PCB Extraction	Completed					04/22/14	T	SW3510C
Extraction for Pest (2 Liter)	Completed					04/22/14	T	SW3510
Semi-Volatile Extraction	Completed					04/22/14	E/K/K	SW3520

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				04/22/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	04/24/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	04/24/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	04/24/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	04/24/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	94			%	04/24/14	CE	SW8081	
%TCMX (Surrogate Rec)	70			%	04/24/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
QA/QC Surrogates								
% DCBP	86			%	04/24/14	AW	30 - 150 %	
% TCMX	56			%	04/24/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/24/14	RM	SW8260	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: MW 2

Phoenix I.D.: BG35537

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	04/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260	
1,2-Dichloroethane	ND	2.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	3.0	0.19	ug/L	04/24/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	04/24/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	
Acetone	ND	5.0	0.31	ug/L	04/24/14	RM	SW8260	
Acrolein	ND	5.0	0.95	ug/L	04/24/14	RM	SW8260	
Acrylonitrile	ND	5.0	0.17	ug/L	04/24/14	RM	SW8260	
Benzene	ND	0.70	0.19	ug/L	04/24/14	RM	SW8260	
Bromobenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
Bromochloromethane	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
Bromodichloromethane	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260	
Bromoform	ND	5.0	0.10	ug/L	04/24/14	RM	SW8260	
Bromomethane	ND	5.0	0.25	ug/L	04/24/14	RM	SW8260	
Carbon Disulfide	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260	
Carbon tetrachloride	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Chlorobenzene	ND	5.0	0.20	ug/L	04/24/14	RM	SW8260	
Chloroethane	ND	5.0	0.24	ug/L	04/24/14	RM	SW8260	
Chloroform	ND	5.0	0.22	ug/L	04/24/14	RM	SW8260	
Chloromethane	ND	5.0	0.21	ug/L	04/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND	0.40	0.15	ug/L	04/24/14	RM	SW8260	
Dibromochloromethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260	
Dibromomethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Dichlorodifluoromethane	ND	1.0	0.26	ug/L	04/24/14	RM	SW8260	
Ethylbenzene	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	
Hexachlorobutadiene	ND	0.5	0.13	ug/L	04/24/14	RM	SW8260	
Isopropylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
m&p-Xylene	ND	1.0	0.42	ug/L	04/24/14	RM	SW8260	
Methyl ethyl ketone	ND	1.0	0.50	ug/L	04/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	
Methylene chloride	ND	3.0	0.16	ug/L	04/24/14	RM	SW8260	
Naphthalene	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	04/24/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Tetrachloroethene	1.7	1.0	0.24	ug/L	04/24/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/24/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/24/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	04/24/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	04/24/14	RM	70 - 121 %	
% Bromofluorobenzene	98			%	04/24/14	RM	59 - 113 %	
% Dibromofluoromethane	93			%	04/24/14	RM	70 - 130 %	
% Toluene-d8	99			%	04/24/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.1	1.5	ug/L	04/25/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	1.0	1.4	ug/L	04/25/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	5.1	1.7	ug/L	04/25/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	5	2.0	ug/L	04/25/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	5	1.6	ug/L	04/25/14	DD	SW 8270	
2-Chloronaphthalene	ND	5.1	1.5	ug/L	04/25/14	DD	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Methylnaphthalene	ND	5.1	1.5	ug/L	04/25/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Nitroaniline	ND	5	5.1	ug/L	04/25/14	DD	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	5	2.4	ug/L	04/25/14	DD	SW 8270	
3-Nitroaniline	ND	5	5.1	ug/L	04/25/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	5.1	1.5	ug/L	04/25/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Chloroaniline	ND	3.6	2.4	ug/L	04/25/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.1	1.7	ug/L	04/25/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5	1.7	ug/L	04/25/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Acenaphthene	ND	5.1	1.6	ug/L	04/25/14	DD	SW 8270
Acetophenone	ND	5.1	1.6	ug/L	04/25/14	DD	SW 8270
Aniline	ND	3.6	5.1	ug/L	04/25/14	DD	SW 8270
Anthracene	ND	5.1	1.7	ug/L	04/25/14	DD	SW 8270
Benzidine	ND	4.6	3.0	ug/L	04/25/14	DD	SW 8270
Benzoic acid	ND	26	10	ug/L	04/25/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.1	1.3	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5	1.4	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.1	1.4	ug/L	04/25/14	DD	SW 8270
Carbazole	ND	26	3.9	ug/L	04/25/14	DD	SW 8270
Dibenzofuran	ND	5	1.5	ug/L	04/25/14	DD	SW 8270
Diethyl phthalate	ND	5.1	1.6	ug/L	04/25/14	DD	SW 8270
Dimethylphthalate	ND	5.1	1.6	ug/L	04/25/14	DD	SW 8270
Di-n-butylphthalate	ND	5.1	1.4	ug/L	04/25/14	DD	SW 8270
Di-n-octylphthalate	ND	5.1	1.3	ug/L	04/25/14	DD	SW 8270
Fluoranthene	ND	5.1	1.7	ug/L	04/25/14	DD	SW 8270
Fluorene	ND	5.1	1.7	ug/L	04/25/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5	1.6	ug/L	04/25/14	DD	SW 8270
Isophorone	ND	5.1	1.4	ug/L	04/25/14	DD	SW 8270
Naphthalene	ND	5	1.5	ug/L	04/25/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.1	1.7	ug/L	04/25/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.1	2.0	ug/L	04/25/14	DD	SW 8270
Phenol	ND	1.0	1.6	ug/L	04/25/14	DD	SW 8270
Pyrene	ND	5.1	1.8	ug/L	04/25/14	DD	SW 8270
Pyridine	ND	10	1.3	ug/L	04/25/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	74			%	04/25/14	DD	19 - 122 %
% 2-Fluorobiphenyl	76			%	04/25/14	DD	30 - 115 %
% 2-Fluorophenol	55			%	04/25/14	DD	25 - 121 %
% Nitrobenzene-d5	78			%	04/25/14	DD	23 - 120 %
% Phenol-d5	62			%	04/25/14	DD	24 - 113 %
% Terphenyl-d14	77			%	04/25/14	DD	18 - 137 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	0.51	0.51	ug/L	04/24/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.04	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.02	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	04/24/14	DD	SW8270 (SIM)
Chrysene	0.04	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.41	0.41	ug/L	04/24/14	DD	SW8270 (SIM)

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: MW 2

Phoenix I.D.: BG35537

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.51	0.51	ug/L	04/24/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.82	0.82	ug/L	04/24/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	91			%	04/24/14	DD	19 - 122 %
% 2-Fluorobiphenyl	84			%	04/24/14	DD	30 - 115 %
% 2-Fluorophenol	81			%	04/24/14	DD	25 - 121 %
% Nitrobenzene-d5	98			%	04/24/14	DD	23 - 120 %
% Phenol-d5	78			%	04/24/14	DD	24 - 113 %
% Terphenyl-d14	100			%	04/24/14	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.

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
April 29, 2014
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

April 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:	GROUND WATER	Collected by:		04/22/14	10:00
Location Code:	EBC	Received by:	SW	04/22/14	14:46
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG35536
Phoenix ID: BG35538

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: MW 3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Aluminum (Dissolved)	0.09		0.01	0.0026	mg/L	04/22/14	EK	SW6010
Arsenic, (Dissolved)	0.001	B	0.003	0.001	mg/L	04/22/14	EK	SW6010
Barium (Dissolved)	0.167		0.011	0.001	mg/L	04/22/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Calcium (Dissolved)	87.7		0.01	0.003	mg/L	04/22/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	04/22/14	EK	SW6010
Cobalt, (Dissolved)	0.001	B	0.005	0.001	mg/L	04/22/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Copper, (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Iron, (Dissolved)	0.01		0.01	0.01	mg/L	04/22/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	04/23/14	RS	SW7470
Potassium (Dissolved)	8.0		0.1	0.1	mg/L	04/22/14	EK	SW6010
Magnesium (Dissolved)	15.6		0.01	0.001	mg/L	04/22/14	EK	SW6010
Manganese, (Dissolved)	0.516		0.005	0.001	mg/L	04/22/14	EK	SW6010
Sodium (Dissolved)	115		1.1	1.1	mg/L	04/22/14	EK	SW6010
Nickel, (Dissolved)	0.002	B	0.004	0.001	mg/L	04/22/14	EK	SW6010
Lead (Dissolved)	< 0.002		0.002	0.001	mg/L	04/22/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	04/23/14	RS	7010
Thallium , (Dissolved)	< 0.001		0.001	0.001	mg/L	04/24/14	TH	7010
Vanadium, (Dissolved)	0.002	B*	0.01	0.001	mg/L	04/22/14	EK	SW6010
Zinc, (Dissolved)	0.005	B*	0.011	0.001	mg/L	04/22/14	EK	SW6010
Filtration	Completed					04/22/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					04/23/14	I/I	SW7470
PCB Extraction	Completed					04/22/14	T	SW3510C
Extraction for Pest (2 Liter)	Completed					04/22/14	T	SW3510
Semi-Volatile Extraction	Completed					04/22/14	E/K/K	SW3520

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				04/22/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	04/24/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	04/24/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	04/24/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	04/24/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	98			%	04/24/14	CE	SW8081	
%TCMX (Surrogate Rec)	76			%	04/24/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
QA/QC Surrogates								
% DCBP	145			%	04/24/14	AW	30 - 150 %	
% TCMX	98			%	04/24/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/24/14	RM	SW8260	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	04/24/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
1,2-Dichloroethane	ND		2.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.19	ug/L	04/24/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	04/24/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	04/24/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Acetone	ND		5.0	0.31	ug/L	04/24/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	04/24/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	04/24/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	04/24/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	04/24/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	04/24/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	04/24/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	04/24/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	04/24/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	04/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	04/24/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	04/24/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	04/24/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	04/24/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	04/24/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	04/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	0.82	J	1.0	0.19	ug/L	04/24/14	RM	SW8260	
Methylene chloride	0.28	JS	3.0	0.16	ug/L	04/24/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	04/24/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Tetrachloroethene	2.0	1.0	0.24	ug/L	04/24/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/24/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/24/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	04/24/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	04/24/14	RM	70 - 121 %	
% Bromofluorobenzene	98			%	04/24/14	RM	59 - 113 %	
% Dibromofluoromethane	100			%	04/24/14	RM	70 - 130 %	
% Toluene-d8	99			%	04/24/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	1.0	1.4	ug/L	04/25/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	04/25/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Nitroaniline	ND	5.0	5.0	ug/L	04/25/14	DD	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	04/25/14	DD	SW 8270	
3-Nitroaniline	ND	5.0	5.0	ug/L	04/25/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Chloroaniline	ND	3.5	2.3	ug/L	04/25/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	04/25/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	04/25/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	04/25/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	04/25/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	04/25/14	DD	SW 8270
Phenol	ND	1.0	1.6	ug/L	04/25/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	04/25/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	81			%	04/25/14	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	04/25/14	DD	30 - 115 %
% 2-Fluorophenol	51			%	04/25/14	DD	25 - 121 %
% Nitrobenzene-d5	83			%	04/25/14	DD	23 - 120 %
% Phenol-d5	56			%	04/25/14	DD	24 - 113 %
% Terphenyl-d14	86			%	04/25/14	DD	18 - 137 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	04/24/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.03	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	04/24/14	DD	SW8270 (SIM)
Chrysene	0.02	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	04/24/14	DD	SW8270 (SIM)

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	04/24/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	04/24/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	97			%	04/24/14	DD	19 - 122 %
% 2-Fluorobiphenyl	88			%	04/24/14	DD	30 - 115 %
% 2-Fluorophenol	79			%	04/24/14	DD	25 - 121 %
% Nitrobenzene-d5	101			%	04/24/14	DD	23 - 120 %
% Phenol-d5	73			%	04/24/14	DD	24 - 113 %
% Terphenyl-d14	109			%	04/24/14	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.

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
April 29, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 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:	GROUND WATER	Collected by:		04/22/14	0:00
Location Code:	EBC	Received by:	SW	04/22/14	14:46
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG35536
Phoenix ID: BG35539

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: GW DUPLICATE

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Aluminum (Dissolved)	0.11		0.01	0.0026	mg/L	04/22/14	EK	SW6010
Arsenic, (Dissolved)	< 0.003		0.003	0.001	mg/L	04/22/14	EK	SW6010
Barium (Dissolved)	0.026		0.011	0.001	mg/L	04/22/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Calcium (Dissolved)	37.6		0.01	0.003	mg/L	04/22/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	04/22/14	EK	SW6010
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Chromium (Dissolved)	< 0.001		0.001	0.001	mg/L	04/22/14	EK	SW6010
Copper, (Dissolved)	< 0.005		0.005	0.001	mg/L	04/22/14	EK	SW6010
Iron, (Dissolved)	0.08		0.01	0.01	mg/L	04/22/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	04/23/14	RS	SW7470
Potassium (Dissolved)	3.3		0.1	0.1	mg/L	04/22/14	EK	SW6010
Magnesium (Dissolved)	11.4		0.01	0.001	mg/L	04/22/14	EK	SW6010
Manganese, (Dissolved)	3.40		0.053	0.011	mg/L	04/22/14	EK	SW6010
Sodium (Dissolved)	181		1.1	1.1	mg/L	04/22/14	EK	SW6010
Nickel, (Dissolved)	0.004		0.004	0.001	mg/L	04/22/14	EK	SW6010
Lead (Dissolved)	0.003		0.002	0.001	mg/L	04/22/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	04/23/14	RS	7010
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	04/24/14	RS	7010
Thallium , (Dissolved)	< 0.001		0.001	0.001	mg/L	04/24/14	TH	7010
Vanadium, (Dissolved)	0.002	B*	0.01	0.001	mg/L	04/22/14	EK	SW6010
Zinc, (Dissolved)	0.002	B*	0.011	0.001	mg/L	04/22/14	EK	SW6010
Filtration	Completed					04/22/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					04/23/14	I/I	SW7470
PCB Extraction	Completed					04/22/14	T	SW3510C
Extraction for Pest (2 Liter)	Completed					04/22/14	T	SW3510
Semi-Volatile Extraction	Completed					04/22/14	E/K/K	SW3520

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				04/22/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	04/24/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	04/24/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	04/24/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	04/24/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	04/24/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	04/24/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	04/24/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	104			%	04/24/14	CE	SW8081	
%TCMX (Surrogate Rec)	77			%	04/24/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	04/24/14	AW	8082	
QA/QC Surrogates								
% DCBP	91			%	04/24/14	AW	30 - 150 %	
% TCMX	63			%	04/24/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/24/14	RM	SW8260	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: GW DUPLICATE

Phoenix I.D.: BG35539

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	04/24/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
1,2-Dichloroethane	0.23	J	2.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.19	ug/L	04/24/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	04/24/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	04/24/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Acetone	2.1	JS	5.0	0.31	ug/L	04/24/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	04/24/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	04/24/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	04/24/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	04/24/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	04/24/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	04/24/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	04/24/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	04/24/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	04/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	04/24/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	04/24/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	04/24/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	04/24/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	04/24/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	04/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	14		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	04/24/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	04/24/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Tetrachloroethene	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	04/24/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	04/24/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	04/24/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	04/24/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	04/24/14	RM	70 - 121 %	
% Bromofluorobenzene	100			%	04/24/14	RM	59 - 113 %	
% Dibromofluoromethane	102			%	04/24/14	RM	70 - 130 %	
% Toluene-d8	102			%	04/24/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	1.0	1.4	ug/L	04/25/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	1.0	1.5	ug/L	04/25/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	5.0	2.0	ug/L	04/25/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270	
2-Chloronaphthalene	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Methylnaphthalene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
2-Nitroaniline	ND	5.0	5.0	ug/L	04/25/14	DD	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	5.0	2.4	ug/L	04/25/14	DD	SW 8270	
3-Nitroaniline	ND	5.0	5.0	ug/L	04/25/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270	
4-Chloroaniline	ND	3.5	2.3	ug/L	04/25/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Acenaphthene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Acetophenone	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Aniline	ND	3.5	5.0	ug/L	04/25/14	DD	SW 8270
Anthracene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Benzidine	ND	4.5	2.9	ug/L	04/25/14	DD	SW 8270
Benzoic acid	ND	25	10	ug/L	04/25/14	DD	SW 8270
Benzyl butyl phthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Carbazole	ND	25	3.8	ug/L	04/25/14	DD	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Diethyl phthalate	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Dimethylphthalate	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Di-n-butylphthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Di-n-octylphthalate	ND	5.0	1.3	ug/L	04/25/14	DD	SW 8270
Fluoranthene	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
Fluorene	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.5	ug/L	04/25/14	DD	SW 8270
Isophorone	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
Naphthalene	ND	5.0	1.4	ug/L	04/25/14	DD	SW 8270
N-Nitrosodimethylamine	ND	1.0	1.0	ug/L	04/25/14	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	5.0	1.6	ug/L	04/25/14	DD	SW 8270
N-Nitrosodiphenylamine	ND	5.0	1.9	ug/L	04/25/14	DD	SW 8270
Phenol	ND	1.0	1.6	ug/L	04/25/14	DD	SW 8270
Pyrene	ND	5.0	1.7	ug/L	04/25/14	DD	SW 8270
Pyridine	ND	10	1.2	ug/L	04/25/14	DD	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	79			%	04/25/14	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	04/25/14	DD	30 - 115 %
% 2-Fluorophenol	52			%	04/25/14	DD	25 - 121 %
% Nitrobenzene-d5	82			%	04/25/14	DD	23 - 120 %
% Phenol-d5	55			%	04/25/14	DD	24 - 113 %
% Terphenyl-d14	84			%	04/25/14	DD	18 - 137 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	0.50	0.50	ug/L	04/24/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.02	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.0	1.0	ug/L	04/24/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Hexachlorobutadiene	ND	0.40	0.40	ug/L	04/24/14	DD	SW8270 (SIM)

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Hexachloroethane	ND	0.50	0.50	ug/L	04/24/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	04/24/14	DD	SW8270 (SIM)
Nitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	0.80	ug/L	04/24/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.10	0.10	ug/L	04/24/14	DD	SW8270 (SIM)
QA/QC Surrogates							
% 2,4,6-Tribromophenol	97			%	04/24/14	DD	19 - 122 %
% 2-Fluorobiphenyl	88			%	04/24/14	DD	30 - 115 %
% 2-Fluorophenol	74			%	04/24/14	DD	25 - 121 %
% Nitrobenzene-d5	99			%	04/24/14	DD	23 - 120 %
% Phenol-d5	67			%	04/24/14	DD	24 - 113 %
% Terphenyl-d14	114			%	04/24/14	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.

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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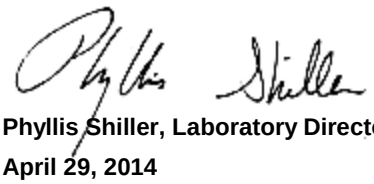

Phyllis Shiller, Laboratory Director
April 29, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

April 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:	GROUND WATER	Collected by:		04/22/14	0:00
Location Code:	EBC	Received by:	SW	04/22/14	14:46
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG35536
Phoenix ID: BG35540

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: GW 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	04/24/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	04/24/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	04/24/14	RM	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	04/24/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	04/24/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260	
1,2-Dichloroethane	ND	2.0	0.20	ug/L	04/24/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	04/24/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	
1,3-Dichlorobenzene	ND	3.0	0.19	ug/L	04/24/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	04/24/14	RM	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	04/24/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	04/24/14	RM	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	04/24/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	04/24/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	04/24/14	RM	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	04/24/14	RM	SW8260	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: GW TRIP BLANK

Phoenix I.D.: BG35540

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	ND		5.0	0.31	ug/L	04/24/14	RM	SW8260	
Acrolein	ND		5.0	0.95	ug/L	04/24/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	04/24/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	04/24/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	04/24/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	04/24/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	04/24/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	04/24/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	04/24/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	04/24/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	04/24/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	04/24/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	04/24/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	04/24/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Hexachlorobutadiene	ND		0.5	0.13	ug/L	04/24/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	04/24/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	04/24/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
Methylene chloride	0.28	JS	3.0	0.16	ug/L	04/24/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	04/24/14	RM	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	04/24/14	RM	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	04/24/14	RM	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	04/24/14	RM	SW8260	
Styrene	ND		1.0	0.41	ug/L	04/24/14	RM	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	04/24/14	RM	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	04/24/14	RM	SW8260	1
Toluene	ND		1.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	04/24/14	RM	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	04/24/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	04/24/14	RM	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	04/24/14	RM	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	04/24/14	RM	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	04/24/14	RM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	105				%	04/24/14	RM	70 - 121 %	
% Bromofluorobenzene	100				%	04/24/14	RM	59 - 113 %	
% Dibromofluoromethane	98				%	04/24/14	RM	70 - 130 %	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: GW TRIP BLANK

Phoenix I.D.: BG35540

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	99			%	04/24/14	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
April 29, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Sample Criteria Exceedences Report

GBG35536 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG35536	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG35536	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35536	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35536	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35536	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35536	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG35536	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.11	0.01	0.1	0.1	mg/L
BG35536	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.33	0.053	0.3	0.3	mg/L
BG35536	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	177	1.1	20	20	mg/L
BG35536	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.001	0.0005	0.0005	mg/L
BG35537	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BG35537	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG35537	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35537	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35537	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35537	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35537	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG35537	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.67	0.005	0.3	0.3	mg/L
BG35537	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	81.1	1.1	20	20	mg/L
BG35537	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.001	0.0005	0.0005	mg/L
BG35538	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BG35538	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L

Sample Criteria Exceedences Report

GBG35536 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG35538	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35538	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35538	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35538	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35538	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG35538	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.516	0.005	0.3	0.3	mg/L
BG35538	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	115	1.1	20	20	mg/L
BG35538	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.001	0.0005	0.0005	mg/L
BG35539	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG35539	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35539	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35539	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG35539	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG35539	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG35539	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.11	0.01	0.1	0.1	mg/L
BG35539	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.40	0.053	0.3	0.3	mg/L
BG35539	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	181	1.1	20	20	mg/L
BG35539	DTL-WMDP	Thallium , (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.001	0.0005	0.0005	mg/L
BG35540	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	2.0	0.6	0.6	ug/L
BG35540	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG35540	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG35540	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

Sample Criteria Exceedences Report

GBG35536 - EBC

Criteria: NY: GW

State: NY

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

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

April 29, 2014

SDG I.D.: GBG35536

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

Cooler: Yes [X] No [ ]
Coolant: IPK [A] ICE [ ] No [ ]
Temp 4 °C Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

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

Contact Options:
[ ] Fax:
[ ] Phone:
[ ] Email: CSosik@ebcinc.com

Customer: EBC
Address: 1808 Middle Country Rd. Ridge

Project: 171-173 Buyard ST. Brooklyn Project P.O:
Report to: EBC
Invoice to:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 4-22-14

Analysis Request

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOC 8270	Pest / PCBs	Dissolved metals	Soil VOA Vials [ ]	GL Soil container [ ]	GL Soil container [ ]	40 ml VOA Vial [ ]	GL Amber 1000ml [ ]	PL As is [X]	PL H2SO4 [ ]	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
35536	MW 1	GW	4-22	830	X	X	X	X				3	3	1		X		
35537	MW 2	GW		840														SC
35538	MW 3	GW		1000														
35539	GW Duplicate	GW																
35540	GW Trip blank	TB										2						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	4-22-14	9:30
	[signature]	4-22-14	14:46

Comments, Special Requirements or Regulations:

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

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

NY
[X] TAGM 4046 GW
[ ] TAGM 4046 SOIL
[ ] NY375 Unrestricted Use Soil
[ ] NY375 Residential Soil
[ ] Restricted/Residential
[ ] Commercial
[ ] Industrial

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

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

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, April 30, 2014

Attn: Mr. Kevin Brussee
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 171-173 BAYARD ST BROOKLYN
Sample ID#s: BG36137 - BG36141

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

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

April 30, 2014

FOR: Attn: Mr. Kevin Brussee
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		04/22/14	12:58
Location Code:	EBC	Received by:	SW	04/23/14	15:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG36137
Phoenix ID: BG36137

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-2

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*	04/24/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.3	*0.204*	6.39	*1.00*	04/24/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/24/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.48	*0.204*	2.36	*1.00*	04/24/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	04/24/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/24/14	KCA	TO15	1
4-Ethyltoluene	0.24	*0.204*	1.18	*1.00*	04/24/14	KCA	TO15	1
4-Isopropyltoluene	0.23	*0.182*	1.26	*1.00*	04/24/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.29	*0.244*	1.19	*1.00*	04/24/14	KCA	TO15	
Acetone	2.52	*0.421*	5.98	*1.00*	04/24/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/24/14	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	04/24/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-2

Phoenix I.D.: BG36137

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/24/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	04/24/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	04/24/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	04/24/14	KCA	TO15	
Carbon Tetrachloride	0.08	*0.040*	0.503	*0.25*	04/24/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	04/24/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	04/24/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	04/24/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	04/24/14	KCA	TO15	
Dichlorodifluoromethane	0.47	*0.202*	2.32	*1.00*	04/24/14	KCA	TO15	
Ethanol	3.9	*0.531*	7.34	*1.00*	04/24/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	1
Ethylbenzene	0.3	*0.230*	1.30	*1.00*	04/24/14	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	04/24/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/24/14	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	04/24/14	KCA	TO15	
Isopropylalcohol	1.06	*0.407*	2.60	*1.00*	04/24/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	04/24/14	KCA	TO15	
m,p-Xylene	0.97	*0.230*	4.21	*1.00*	04/24/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	04/24/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	04/24/14	KCA	TO15	
n-Butylbenzene	0.39	*0.182*	2.14	*1.00*	04/24/14	KCA	TO15	1
o-Xylene	0.51	*0.230*	2.21	*1.00*	04/24/14	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	04/24/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	04/24/14	KCA	TO15	1
Styrene	0.33	*0.235*	1.40	*1.00*	04/24/14	KCA	TO15	
Tetrachloroethene	7.39	*0.037*	50.1	*0.25*	04/24/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	04/24/14	KCA	TO15	1
Toluene	0.5	*0.266*	1.88	*1.00*	04/24/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Trichloroethene	ND	*0.047*	ND	*0.25*	04/24/14	KCA	TO15	
Trichlorofluoromethane	0.23	*0.178*	1.29	*1.00*	04/24/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	04/24/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	108	*%*	108	*%*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-2

Phoenix I.D.: BG36137

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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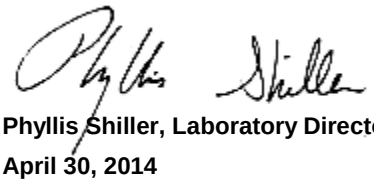

Phyllis Shiller, Laboratory Director

April 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab 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

April 30, 2014

FOR: Attn: Mr. Kevin Brussee
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		04/22/14	12:54
Location Code:	EBC	Received by:	SW	04/23/14	15:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG36137
Phoenix ID: BG36138

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*21.9*	ND	*150*	04/28/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*27.5*	ND	*150*	04/28/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*21.9*	ND	*150*	04/28/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*27.5*	ND	*150*	04/28/14	KCA	TO15	
1,1-Dichloroethane	ND	*37.1*	ND	*150*	04/28/14	KCA	TO15	
1,1-Dichloroethene	ND	*37.8*	ND	*150*	04/28/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*20.2*	ND	*150*	04/28/14	KCA	TO15	
1,2,4-Trimethylbenzene	ND	*30.5*	ND	*150*	04/28/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*19.5*	ND	*150*	04/28/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*25.0*	ND	*150*	04/28/14	KCA	TO15	
1,2-Dichloroethane	ND	*37.1*	ND	*150*	04/28/14	KCA	TO15	
1,2-dichloropropane	ND	*32.5*	ND	*150*	04/28/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*21.5*	ND	*150*	04/28/14	KCA	TO15	
1,3,5-Trimethylbenzene	ND	*30.5*	ND	*150*	04/28/14	KCA	TO15	
1,3-Butadiene	ND	*67.8*	ND	*150*	04/28/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*25.0*	ND	*150*	04/28/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*25.0*	ND	*150*	04/28/14	KCA	TO15	
1,4-Dioxane	ND	*41.6*	ND	*150*	04/28/14	KCA	TO15	
2-Hexanone(MBK)	ND	*36.6*	ND	*150*	04/28/14	KCA	TO15	1
4-Ethyltoluene	ND	*30.5*	ND	*150*	04/28/14	KCA	TO15	1
4-Isopropyltoluene	ND	*27.3*	ND	*150*	04/28/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*36.6*	ND	*150*	04/28/14	KCA	TO15	
Acetone	ND	*63.2*	ND	*150*	04/28/14	KCA	TO15	
Acrylonitrile	ND	*69.2*	ND	*150*	04/28/14	KCA	TO15	
Benzene	10300	*47.0*	32900	*150*	04/28/14	KCA	TO15	
Benzyl chloride	ND	*29.0*	ND	*150*	04/28/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-1

Phoenix I.D.: BG36138

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*22.4*	ND	*150*	04/28/14	KCA	TO15	
Bromoform	ND	*14.5*	ND	*150*	04/28/14	KCA	TO15	
Bromomethane	ND	*38.6*	ND	*150*	04/28/14	KCA	TO15	
Carbon Disulfide	ND	*48.2*	ND	*150*	04/28/14	KCA	TO15	
Carbon Tetrachloride	ND	*5.95*	ND	*37.4*	04/28/14	KCA	TO15	
Chlorobenzene	ND	*32.6*	ND	*150*	04/28/14	KCA	TO15	
Chloroethane	ND	*56.9*	ND	*150*	04/28/14	KCA	TO15	
Chloroform	ND	*30.7*	ND	*150*	04/28/14	KCA	TO15	
Chloromethane	ND	*72.7*	ND	*150*	04/28/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*37.8*	ND	*150*	04/28/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*33.1*	ND	*150*	04/28/14	KCA	TO15	
Cyclohexane	4380	*43.6*	15100	*150*	04/28/14	KCA	TO15	
Dibromochloromethane	ND	*17.6*	ND	*150*	04/28/14	KCA	TO15	
Dichlorodifluoromethane	ND	*30.4*	ND	*150*	04/28/14	KCA	TO15	
Ethanol	ND	*79.6*	ND	*150*	04/28/14	KCA	TO15	1
Ethyl acetate	ND	*41.6*	ND	*150*	04/28/14	KCA	TO15	1
Ethylbenzene	1120	*34.6*	4860	*150*	04/28/14	KCA	TO15	
Heptane	7710	*36.6*	31600	*150*	04/28/14	KCA	TO15	
Hexachlorobutadiene	ND	*14.1*	ND	*150*	04/28/14	KCA	TO15	
Hexane	38800	*42.6*	137000	*150*	04/28/14	KCA	TO15	
Isopropylalcohol	ND	*61.1*	ND	*150*	04/28/14	KCA	TO15	
Isopropylbenzene	58.5	*30.5*	287	*150*	04/28/14	KCA	TO15	
m,p-Xylene	2250	*34.6*	9760	*150*	04/28/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*50.9*	ND	*150*	04/28/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*41.6*	ND	*150*	04/28/14	KCA	TO15	
Methylene Chloride	ND	*43.2*	ND	*150*	04/28/14	KCA	TO15	
n-Butylbenzene	ND	*27.3*	ND	*150*	04/28/14	KCA	TO15	1
o-Xylene	825	*34.6*	3580	*150*	04/28/14	KCA	TO15	
Propylene	120	*87.2*	206	*150*	04/28/14	KCA	TO15	1
sec-Butylbenzene	ND	*27.3*	ND	*150*	04/28/14	KCA	TO15	1
Styrene	ND	*35.2*	ND	*150*	04/28/14	KCA	TO15	
Tetrachloroethene	114	*5.53*	773	*37.5*	04/28/14	KCA	TO15	
Tetrahydrofuran	ND	*50.9*	ND	*150*	04/28/14	KCA	TO15	1
Toluene	17500	*39.8*	65900	*150*	04/28/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*37.8*	ND	*150*	04/28/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*33.1*	ND	*150*	04/28/14	KCA	TO15	
Trichloroethene	ND	*6.98*	ND	*37.5*	04/28/14	KCA	TO15	
Trichlorofluoromethane	ND	*26.7*	ND	*150*	04/28/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*19.6*	ND	*150*	04/28/14	KCA	TO15	
Vinyl Chloride	ND	*14.7*	ND	*37.6*	04/28/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	105	*%*	105	*%*	04/28/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-1

Phoenix I.D.: BG36138

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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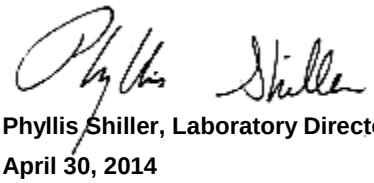

Phyllis Shiller, Laboratory Director

April 30, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab 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

April 30, 2014

FOR: Attn: Mr. Kevin Brussee
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		04/22/14	12:47
Location Code:	EBC	Received by:	SW	04/23/14	15:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG36137
Phoenix ID: BG36139

Project ID: 171-173 BAYARD ST 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*	04/24/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trimethylbenzene	0.71	*0.204*	3.49	*1.00*	04/24/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/24/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.25	*0.204*	1.23	*1.00*	04/24/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	04/24/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/24/14	KCA	TO15	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	04/24/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	04/24/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.44	*0.244*	1.80	*1.00*	04/24/14	KCA	TO15	
Acetone	2.51	*0.421*	5.96	*1.00*	04/24/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/24/14	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	04/24/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-5

Phoenix I.D.: BG36139

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/24/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	04/24/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	04/24/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	04/24/14	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	04/24/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	04/24/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	04/24/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	04/24/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	04/24/14	KCA	TO15	
Dichlorodifluoromethane	0.33	*0.202*	1.63	*1.00*	04/24/14	KCA	TO15	
Ethanol	10.8	*0.531*	20.3	*1.00*	04/24/14	KCA	TO15	1
Ethyl acetate	0.29	*0.278*	1.04	*1.00*	04/24/14	KCA	TO15	1
Ethylbenzene	0.44	*0.230*	1.91	*1.00*	04/24/14	KCA	TO15	
Heptane	ND	*0.244*	ND	*1.00*	04/24/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/24/14	KCA	TO15	
Hexane	ND	*0.284*	ND	*1.00*	04/24/14	KCA	TO15	
Isopropylalcohol	1.54	*0.407*	3.78	*1.00*	04/24/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	04/24/14	KCA	TO15	
m,p-Xylene	1.24	*0.230*	5.38	*1.00*	04/24/14	KCA	TO15	
Methyl Ethyl Ketone	0.37	*0.339*	1.09	*1.00*	04/24/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	04/24/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	04/24/14	KCA	TO15	1
o-Xylene	0.54	*0.230*	2.34	*1.00*	04/24/14	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	04/24/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	04/24/14	KCA	TO15	1
Styrene	0.52	*0.235*	2.21	*1.00*	04/24/14	KCA	TO15	
Tetrachloroethene	11	*0.037*	74.6	*0.25*	04/24/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	04/24/14	KCA	TO15	1
Toluene	0.85	*0.266*	3.20	*1.00*	04/24/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Trichloroethene	ND	*0.047*	ND	*0.25*	04/24/14	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	04/24/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	04/24/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	104	*%*	104	*%*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-5

Phoenix I.D.: BG36139

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
April 30, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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Analysis Report

April 30, 2014

FOR: Attn: Mr. Kevin Brussee
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		04/22/14	12:55
Location Code:	EBC	Received by:	SW	04/23/14	15:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG36137
Phoenix ID: BG36140

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-3

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*	04/24/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.35	*0.204*	6.63	*1.00*	04/24/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/24/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.54	*0.204*	2.65	*1.00*	04/24/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	04/24/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dioxane	4.11	*0.278*	14.8	*1.00*	04/24/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/24/14	KCA	TO15	1
4-Ethyltoluene	0.46	*0.204*	2.26	*1.00*	04/24/14	KCA	TO15	1
4-Isopropyltoluene	0.36	*0.182*	1.97	*1.00*	04/24/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	1.04	*0.244*	4.26	*1.00*	04/24/14	KCA	TO15	
Acetone	206	*0.421*	489	*1.00*	04/24/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/24/14	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	04/24/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-3

Phoenix I.D.: BG36140

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	04/24/14	KCA	TO15	
Bromoform	ND		*0.097*	ND	*1.00*	04/24/14	KCA	TO15	
Bromomethane	ND		*0.258*	ND	*1.00*	04/24/14	KCA	TO15	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	04/24/14	KCA	TO15	
Carbon Tetrachloride	0.05		*0.040*	0.314	*0.25*	04/24/14	KCA	TO15	
Chlorobenzene	ND		*0.217*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroethane	ND		*0.379*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroform	1.01		*0.205*	4.93	*1.00*	04/24/14	KCA	TO15	
Chloromethane	ND		*0.484*	ND	*1.00*	04/24/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
cis-1,3-Dichloropropene	ND		*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Cyclohexane	ND		*0.291*	ND	*1.00*	04/24/14	KCA	TO15	
Dibromochloromethane	ND		*0.117*	ND	*1.00*	04/24/14	KCA	TO15	
Dichlorodifluoromethane	0.5		*0.202*	2.47	*1.00*	04/24/14	KCA	TO15	
Ethanol	305	E	*0.531*	574	*1.00*	04/24/14	KCA	TO15	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	04/24/14	KCA	TO15	1
Ethylbenzene	0.87		*0.230*	3.78	*1.00*	04/24/14	KCA	TO15	
Heptane	0.6		*0.244*	2.46	*1.00*	04/24/14	KCA	TO15	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	04/24/14	KCA	TO15	
Hexane	0.38		*0.284*	1.34	*1.00*	04/24/14	KCA	TO15	
Isopropylalcohol	160		*0.407*	393	*1.00*	04/24/14	KCA	TO15	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	04/24/14	KCA	TO15	
m,p-Xylene	1.81		*0.230*	7.85	*1.00*	04/24/14	KCA	TO15	
Methyl Ethyl Ketone	1.9		*0.339*	5.60	*1.00*	04/24/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	04/24/14	KCA	TO15	
Methylene Chloride	ND		*0.288*	ND	*1.00*	04/24/14	KCA	TO15	
n-Butylbenzene	0.4		*0.182*	2.19	*1.00*	04/24/14	KCA	TO15	1
o-Xylene	0.91		*0.230*	3.95	*1.00*	04/24/14	KCA	TO15	
Propylene	1.77		*0.581*	3.04	*1.00*	04/24/14	KCA	TO15	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	04/24/14	KCA	TO15	1
Styrene	0.55		*0.235*	2.34	*1.00*	04/24/14	KCA	TO15	
Tetrachloroethene	32.1		*0.037*	218	*0.25*	04/24/14	KCA	TO15	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	04/24/14	KCA	TO15	1
Toluene	2.25		*0.266*	8.47	*1.00*	04/24/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
trans-1,3-Dichloropropene	ND		*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Trichloroethene	0.13		*0.047*	0.698	*0.25*	04/24/14	KCA	TO15	
Trichlorofluoromethane	ND		*0.178*	ND	*1.00*	04/24/14	KCA	TO15	
Trichlorotrifluoroethane	ND		*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
Vinyl Chloride	ND		*0.098*	ND	*0.25*	04/24/14	KCA	TO15	
QA/QC Surrogates									
% Bromofluorobenzene	107		*%*	107	*%*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-3

Phoenix I.D.: BG36140

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

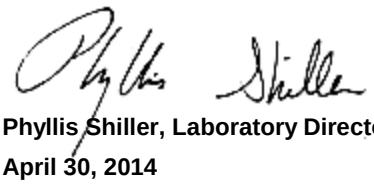
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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

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



Phyllis Shiller, Laboratory Director
April 30, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab 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

April 30, 2014

FOR: Attn: Mr. Kevin Brussee
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		04/22/14	12:48
Location Code:	EBC	Received by:	SW	04/23/14	15:50
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG36137
Phoenix ID: BG36141

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-4

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*	04/24/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	04/24/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	04/24/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	04/24/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.13	*0.204*	5.55	*1.00*	04/24/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichloroethane	0.6	*0.247*	2.43	*1.00*	04/24/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	04/24/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	04/24/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.73	*0.204*	3.59	*1.00*	04/24/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	04/24/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	04/24/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	04/24/14	KCA	TO15	1
4-Ethyltoluene	0.41	*0.204*	2.01	*1.00*	04/24/14	KCA	TO15	1
4-Isopropyltoluene	0.24	*0.182*	1.32	*1.00*	04/24/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	04/24/14	KCA	TO15	
Acetone	ND	*0.421*	ND	*1.00*	04/24/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	04/24/14	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	04/24/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-4

Phoenix I.D.: BG36141

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	04/24/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	04/24/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	04/24/14	KCA	TO15	
Carbon Disulfide	1.77	*0.321*	5.51	*1.00*	04/24/14	KCA	TO15	
Carbon Tetrachloride	ND	*0.040*	ND	*0.25*	04/24/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	04/24/14	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	04/24/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	04/24/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Cyclohexane	201	*0.291*	691	*1.00*	04/24/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	04/24/14	KCA	TO15	
Dichlorodifluoromethane	0.38	*0.202*	1.88	*1.00*	04/24/14	KCA	TO15	
Ethanol	11.7	*0.531*	22.0	*1.00*	04/24/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	1
Ethylbenzene	1.26	*0.230*	5.47	*1.00*	04/24/14	KCA	TO15	
Heptane	7.84	*0.244*	32.1	*1.00*	04/24/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	04/24/14	KCA	TO15	
Hexane	55	*0.284*	194	*1.00*	04/24/14	KCA	TO15	
Isopropylalcohol	2.59	*0.407*	6.36	*1.00*	04/24/14	KCA	TO15	
Isopropylbenzene	0.62	*0.204*	3.04	*1.00*	04/24/14	KCA	TO15	
m,p-Xylene	2.42	*0.230*	10.5	*1.00*	04/24/14	KCA	TO15	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	04/24/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	04/24/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	04/24/14	KCA	TO15	
n-Butylbenzene	0.36	*0.182*	1.97	*1.00*	04/24/14	KCA	TO15	1
o-Xylene	1.15	*0.230*	4.99	*1.00*	04/24/14	KCA	TO15	
Propylene	2.34	*0.581*	4.02	*1.00*	04/24/14	KCA	TO15	1
sec-Butylbenzene	0.23	*0.182*	1.26	*1.00*	04/24/14	KCA	TO15	1
Styrene	1.31	*0.235*	5.58	*1.00*	04/24/14	KCA	TO15	
Tetrachloroethene	15.3	*0.037*	104	*0.25*	04/24/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	04/24/14	KCA	TO15	1
Toluene	0.84	*0.266*	3.16	*1.00*	04/24/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	04/24/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	04/24/14	KCA	TO15	
Trichloroethene	1.42	*0.047*	7.63	*0.25*	04/24/14	KCA	TO15	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	04/24/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	04/24/14	KCA	TO15	
Vinyl Chloride	0.19	*0.098*	0.485	*0.25*	04/24/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	Interference	*%*	Interference	*%*	04/24/14	KCA	TO15	

Project ID: 171-173 BAYARD ST BROOKLYN
Client ID: SG-4

Phoenix I.D.: BG36141

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
April 30, 2014
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

QA/QC Report

April 30, 2014

QA/QC Data

SDG I.D.: GBG36137

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
QA/QC Batch 272738, QC Sample No: BG36137 (BG36137)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	122	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	114	6.39	6.34	1.3	1.29	0.8	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	110	2.36	2.36	0.48	0.48	0.0	70 - 130	20
1,3-Butadiene	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	104	1.31	1.23	0.32	0.3	6.5	70 - 130	20
4-Ethyltoluene	ND	ND	111	1.33	1.13	0.27	0.23	16.0	70 - 130	20
4-Isopropyltoluene	ND	ND	114	1.26	1.26	0.23	0.23	0.0	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	110	1.19	1.19	0.29	0.29	0.0	70 - 130	20
Acetone	ND	ND	95	5.98	5.74	2.52	2.42	4.0	70 - 130	20
Acrylonitrile	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Benzyl chloride	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	121	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	105	0.503	0.503	0.08	0.08	0.0	70 - 130	20
Chlorobenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	105	2.27	2.47	0.46	0.5	8.3	70 - 130	20
Ethanol	ND	ND	86	7.34	7.16	3.9	3.8	2.6	70 - 130	20

QA/QC Data

SDG I.D.: GBG36137

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	105	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	110	1.26	1.22	0.29	0.28	3.5	70 - 130	20
Heptane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Hexachlorobutadiene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Isopropylalcohol	ND	ND	99	2.60	2.60	1.06	1.06	0.0	70 - 130	20
Isopropylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	111	4.38	3.78	1.01	0.87	14.9	70 - 130	20
Methyl Ethyl Ketone	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	119	1.97	2.14	0.36	0.39	8.0	70 - 130	20
o-Xylene	ND	ND	110	2.21	2.04	0.51	0.47	8.2	70 - 130	20
Propylene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	114	1.36	1.40	0.32	0.33	3.1	70 - 130	20
Tetrachloroethene	ND	ND	112	50.1	51.0	7.39	7.53	1.9	70 - 130	20
Tetrahydrofuran	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	107	1.84	1.81	0.49	0.48	2.1	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	104	1.35	1.29	0.24	0.23	4.3	70 - 130	20
Trichlorotrifluoroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	106	106	100	108	105	108	105	2.8	70 - 130	20

QA/QC Batch 272863, QC Sample No: BG37380 (BG36138 (90, 30X))

Volatiles

1,1,1,2-Tetrachloroethane	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	92	17.5	17.1	3.21	3.13	2.5	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	83	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	79	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	126	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	114	15.8	15.5	3.21	3.16	1.6	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	113	4.91	4.81	1	0.98	2.0	70 - 130	20
1,3-Butadiene	ND	ND	79	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	118	3.60	3.54	0.6	0.59	1.7	70 - 130	20
1,4-Dichlorobenzene	ND	ND	120	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	113	2.55	2.36	0.52	0.48	8.0	70 - 130	20
4-Isopropyltoluene	ND	ND	115	1.81	1.92	0.33	0.35	5.9	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	94	1.39	1.31	0.34	0.32	6.1	70 - 130	20
Acetone	ND	ND	79	218	219	91.9	92.4	0.5	70 - 130	20
Acrylonitrile	ND	ND	80	ND	ND	ND	ND	NC	70 - 130	20

QA/QC Data

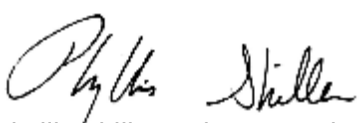
SDG I.D.: GBG36137

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	89	1.98	1.95	0.62	0.61	1.6	70 - 130	20
Benzyl chloride	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	85	7.40	7.50	2.38	2.41	1.3	70 - 130	20
Carbon Tetrachloride	ND	ND	90	0.314	0.314	0.05	0.05	0.0	70 - 130	20
Chlorobenzene	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	80	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	87	4.73	4.83	0.97	0.99	2.0	70 - 130	20
Chloromethane	ND	ND	75	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	85	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	85	14.9	15.0	4.32	4.37	1.2	70 - 130	20
Dibromochloromethane	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	91	2.27	2.67	0.46	0.54	16.0	70 - 130	20
Ethanol	ND	ND	73	76.8	78.3	40.8	41.6	1.9	70 - 130	20
Ethyl acetate	ND	ND	89	3.06	3.35	0.85	0.93	9.0	70 - 130	20
Ethylbenzene	ND	ND	112	1.78	1.78	0.41	0.41	0.0	70 - 130	20
Heptane	ND	ND	88	8.15	7.99	1.99	1.95	2.0	70 - 130	20
Hexachlorobutadiene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	84	5.28	5.78	1.5	1.64	8.9	70 - 130	20
Isopropylalcohol	ND	ND	85	37.8	38.6	15.4	15.7	1.9	70 - 130	20
Isopropylbenzene	ND	ND	115	ND	1.03	ND	0.21	NC	70 - 130	20
m,p-Xylene	ND	ND	114	5.21	5.12	1.2	1.18	1.7	70 - 130	20
Methyl Ethyl Ketone	ND	ND	81	66.6	66.3	22.6	22.5	0.4	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	69	ND	ND	ND	ND	NC	70 - 130	20 I
n-Butylbenzene	ND	ND	120	2.52	2.52	0.46	0.46	0.0	70 - 130	20
o-Xylene	ND	ND	112	2.34	2.34	0.54	0.54	0.0	70 - 130	20
Propylene	ND	ND	79	88.6	90.8	51.5	52.8	2.5	70 - 130	20
sec-Butylbenzene	ND	ND	114	1.10	1.04	0.2	0.19	5.1	70 - 130	20
Styrene	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	113	1.15	1.22	0.17	0.18	5.7	70 - 130	20
Tetrahydrofuran	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	106	19.1	18.9	5.08	5.03	1.0	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	83	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	104	ND	0.430	ND	0.08	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	90	8.98	8.98	1.6	1.6	0.0	70 - 130	20
Trichlorotrifluoroethane	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	79	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	107	107	102	109	107	109	107	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
April 30, 2014

QA/QC Data

SDG I.D.: GBG36137

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

GBG36137 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

PHOENIX
Environmental Laboratories, Inc.

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # | Page 1 of 1

Data Delivery:
☐ Fax #:
☐ Email: csosik@ebcincny.com
☐ Phone #:

Report to: Kevin Brosse	Invoice to: EBC	Project Name: 171-173 Bayard st. Brooklyn NY
Customer: EBC		Requested Deliverable: RCP ☐ ASP CAT B ☐
Address:		MCP ☐ NJ Deliverables ☐
	Sampled by: Ben Unoyis	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	
36137	SG-2	215	6.0	-30	-3	3414	41.6	1111	1258		-30	-7		X			X
36138	SG-1	13647			-3	3409		1109	1254		-29	-7		X			X
36139	SG-5	223			-4	5349		1102	1247		-29	-5		X			X
36140	SG-3	230			-5	4488		1114	1255		-28	-7		X			X
36141	SG-4	458	↓	↓	-5	5040	↓	1104	1248		-30	-7		X			
	6L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
		4-23-19	10:10
		4-23-19	1550

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

Quote Number:

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

Signature: _____ Date: _____

PHOENIX
Environmental Laboratories, Inc.

Friday, January 10, 2014

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

Project ID: 171 BAYARD STREET
Sample ID#s: BF94893

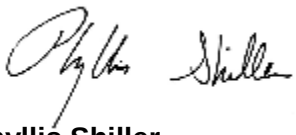
This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

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

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

NY # 11301

SDG Comments

January 10, 2014

SDG I.D.: GBF94893

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.

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 to achieve this criteria.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 10, 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:		01/06/14	8:40
Location Code:	EBC	Received by:	SW	01/06/14	15:07
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBF94893
Phoenix ID: BF94893

Project ID: 171 BAYARD STREET
Client ID: GW 1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Semi-Volatile Extraction	Completed			01/06/14	E/D/D	SW3520	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	01/07/14	MH	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	B
1,2,3-Trichloropropane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	01/07/14	MH	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	01/07/14	MH	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	01/07/14	MH	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	01/07/14	MH	SW8260	
2-Hexanone	ND	5.0	ug/L	01/07/14	MH	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	01/07/14	MH	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	01/07/14	MH	SW8260	

Project ID: 171 BAYARD STREET
Client ID: GW 1

Phoenix I.D.: BF94893

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	5.0	ug/L	01/07/14	MH	SW8260	
Acetone	ND	25	ug/L	01/07/14	MH	SW8260	
Acrylonitrile	ND	5.0	ug/L	01/07/14	MH	SW8260	
Benzene	ND	0.70	ug/L	01/07/14	MH	SW8260	
Bromobenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Bromochloromethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
Bromodichloromethane	ND	0.50	ug/L	01/07/14	MH	SW8260	
Bromoform	ND	1.0	ug/L	01/07/14	MH	SW8260	
Bromomethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
Carbon Disulfide	ND	5.0	ug/L	01/07/14	MH	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	01/07/14	MH	SW8260	
Chlorobenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Chloroethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
Chloroform	ND	1.0	ug/L	01/07/14	MH	SW8260	
Chloromethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	01/07/14	MH	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	01/07/14	MH	SW8260	
Dibromochloromethane	ND	0.50	ug/L	01/07/14	MH	SW8260	
Dibromomethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
Ethylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	01/07/14	MH	SW8260	B
Isopropylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
m&p-Xylene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	01/07/14	MH	SW8260	
Methyl t-butyl ether (MTBE)	30	1.0	ug/L	01/07/14	MH	SW8260	
Methylene chloride	ND	1.0	ug/L	01/07/14	MH	SW8260	
Naphthalene	ND	1.0	ug/L	01/07/14	MH	SW8260	
n-Butylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
n-Propylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
o-Xylene	ND	1.0	ug/L	01/07/14	MH	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	01/07/14	MH	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Styrene	ND	1.0	ug/L	01/07/14	MH	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Tetrachloroethene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	01/07/14	MH	SW8260	1
Toluene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Total Xylenes	ND	2.0	ug/L	01/07/14	MH	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	01/07/14	MH	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	01/07/14	MH	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	01/07/14	MH	SW8260	
Trichloroethene	ND	1.0	ug/L	01/07/14	MH	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	01/07/14	MH	SW8260	
Vinyl chloride	ND	1.0	ug/L	01/07/14	MH	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	01/07/14	MH	70 - 130 %	
% Bromofluorobenzene	96		%	01/07/14	MH	70 - 130 %	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Dibromofluoromethane	98		%	01/07/14	MH	70 - 130 %
% Toluene-d8	101		%	01/07/14	MH	70 - 130 %

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	01/08/14	DD	SW8270
1,2-Dichlorobenzene	ND	3	ug/L	01/08/14	DD	SW8270
1,2-Diphenylhydrazine	ND	5.0	ug/L	01/08/14	DD	SW8270
1,3-Dichlorobenzene	ND	3	ug/L	01/08/14	DD	SW8270
1,4-Dichlorobenzene	ND	3	ug/L	01/08/14	DD	SW8270
2,4,5-Trichlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4,6-Trichlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dichlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dimethylphenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dinitrophenol	ND	1	ug/L	01/08/14	DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	01/08/14	DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	01/08/14	DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	01/08/14	DD	SW8270
2-Chlorophenol	ND	1	ug/L	01/08/14	DD	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	01/08/14	DD	SW8270
2-Methylphenol (o-cresol)	ND	1	ug/L	01/08/14	DD	SW8270
2-Nitroaniline	ND	5	ug/L	01/08/14	DD	SW8270
2-Nitrophenol	ND	1	ug/L	01/08/14	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	01/08/14	DD	SW8270
3,3'-Dichlorobenzidine	ND	5	ug/L	01/08/14	DD	SW8270
3-Nitroaniline	ND	5	ug/L	01/08/14	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	1	ug/L	01/08/14	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	01/08/14	DD	SW8270
4-Chloro-3-methylphenol	ND	1	ug/L	01/08/14	DD	SW8270
4-Chloroaniline	ND	5	ug/L	01/08/14	DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	01/08/14	DD	SW8270
4-Nitroaniline	ND	5	ug/L	01/08/14	DD	SW8270
4-Nitrophenol	ND	1	ug/L	01/08/14	DD	SW8270
Acetophenone	ND	5.0	ug/L	01/08/14	DD	SW8270
Aniline	ND	5	ug/L	01/08/14	DD	SW8270
Anthracene	ND	5.0	ug/L	01/08/14	DD	SW8270
Benzidine	ND	5	ug/L	01/08/14	DD	SW8270
Benzoic acid	ND	50	ug/L	01/08/14	DD	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	01/08/14	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	01/08/14	DD	SW8270
Bis(2-chloroethyl)ether	ND	1	ug/L	01/08/14	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	01/08/14	DD	SW8270
Carbazole	ND	5.0	ug/L	01/08/14	DD	SW8270
Dibenzofuran	ND	5.0	ug/L	01/08/14	DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	01/08/14	DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	01/08/14	DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	01/08/14	DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	01/08/14	DD	SW8270
Fluoranthene	ND	5.0	ug/L	01/08/14	DD	SW8270
Fluorene	ND	5.0	ug/L	01/08/14	DD	SW8270
Hexachlorobutadiene	ND	0.5	ug/L	01/08/14	DD	SW8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Hexachlorocyclopentadiene	ND	5.0	ug/L	01/08/14	DD	SW8270
Isophorone	ND	5.0	ug/L	01/08/14	DD	SW8270
Naphthalene	ND	5.0	ug/L	01/08/14	DD	SW8270
Nitrobenzene	ND	0.4	ug/L	01/08/14	DD	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	01/08/14	DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	01/08/14	DD	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	01/08/14	DD	SW8270
Phenol	ND	1	ug/L	01/08/14	DD	SW8270
Pyrene	ND	5.0	ug/L	01/08/14	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	103		%	01/08/14	DD	15 - 110 %
% 2-Fluorobiphenyl	76		%	01/08/14	DD	30 - 130 %
% 2-Fluorophenol	60		%	01/08/14	DD	15 - 110 %
% Nitrobenzene-d5	98		%	01/08/14	DD	30 - 130 %
% Phenol-d5	68		%	01/08/14	DD	15 - 110 %
% Terphenyl-d14	76		%	01/08/14	DD	30 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	01/07/14	DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	01/07/14	DD	SW8270 (SIM)
Acenaphthylene	ND	0.050	ug/L	01/07/14	DD	SW8270 (SIM)
Benz(a)anthracene	0.02	0.02	ug/L	01/07/14	DD	SW8270 (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	01/07/14	DD	SW8270 (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	01/07/14	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	01/07/14	DD	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	01/07/14	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	01/07/14	DD	SW8270 (SIM)
Chrysene	ND	0.02	ug/L	01/07/14	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	ug/L	01/07/14	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.040	ug/L	01/07/14	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	01/07/14	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	01/07/14	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	01/07/14	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	01/07/14	DD	SW8270 (SIM)
Phenanthrene	ND	0.050	ug/L	01/07/14	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	01/07/14	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	103		%	01/07/14	DD	15 - 110 %
% 2-Fluorobiphenyl	76		%	01/07/14	DD	30 - 130 %
% 2-Fluorophenol	60		%	01/07/14	DD	15 - 110 %
% Nitrobenzene-d5	98		%	01/07/14	DD	30 - 130 %
% Phenol-d5	68		%	01/07/14	DD	15 - 110 %
% Terphenyl-d14	76		%	01/07/14	DD	30 - 130 %

Project ID: 171 BAYARD STREET
Client ID: GW 1

Phoenix I.D.: BF94893

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:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

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.

Phyllis Shiller, Laboratory Director
January 10, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 10, 2014

QA/QC Data

SDG I.D.: GBF94893

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 263705, QC Sample No: BF94843 (BF94893)									
Semivolatiles - Ground Water									
1,2,4,5-Tetrachlorobenzene	ND	66	65	1.5				30 - 130	20
1,2,4-Trichlorobenzene	ND	66	65	1.5				30 - 130	20
1,2-Dichlorobenzene	ND	65	65	0.0				30 - 130	20
1,2-Diphenylhydrazine	ND	77	76	1.3				30 - 130	20
1,3-Dichlorobenzene	ND	65	65	0.0				30 - 130	20
1,4-Dichlorobenzene	ND	65	64	1.6				30 - 130	20
2,4,5-Trichlorophenol	ND	81	81	0.0				30 - 130	20
2,4,6-Trichlorophenol	ND	77	77	0.0				30 - 130	20
2,4-Dichlorophenol	ND	72	71	1.4				30 - 130	20
2,4-Dimethylphenol	ND	49	48	2.1				30 - 130	20
2,4-Dinitrophenol	ND	75	75	0.0				30 - 130	20
2,4-Dinitrotoluene	ND	76	75	1.3				30 - 130	20
2,6-Dinitrotoluene	ND	74	74	0.0				30 - 130	20
2-Chloronaphthalene	ND	69	68	1.5				30 - 130	20
2-Chlorophenol	ND	67	66	1.5				30 - 130	20
2-Methylnaphthalene	ND	69	68	1.5				30 - 130	20
2-Methylphenol (o-cresol)	ND	66	65	1.5				30 - 130	20
2-Nitroaniline	ND	121	114	6.0				30 - 130	20
2-Nitrophenol	ND	70	69	1.4				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	67	66	1.5				30 - 130	20
3,3'-Dichlorobenzidine	ND	105	105	0.0				30 - 130	20
3-Nitroaniline	ND	84	84	0.0				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	83	81	2.4				30 - 130	20
4-Bromophenyl phenyl ether	ND	70	70	0.0				30 - 130	20
4-Chloro-3-methylphenol	ND	79	78	1.3				30 - 130	20
4-Chloroaniline	ND	69	68	1.5				30 - 130	20
4-Chlorophenyl phenyl ether	ND	70	70	0.0				30 - 130	20
4-Nitroaniline	ND	80	80	0.0				30 - 130	20
4-Nitrophenol	ND	112	108	3.6				15 - 130	20
Acenaphthene	ND	72	72	0.0				30 - 130	20
Acenaphthylene	ND	70	70	0.0				30 - 130	20
Acetophenone	ND	76	75	1.3				30 - 130	20
Aniline	ND	38	37	2.7				30 - 130	20
Anthracene	ND	73	73	0.0				30 - 130	20
Benz(a)anthracene	ND	76	75	1.3				30 - 130	20
Benzidine	ND	9.5	8.8	7.7				30 - 130	20
Benzo(a)pyrene	ND	67	66	1.5				30 - 130	20
Benzo(b)fluoranthene	ND	73	74	1.4				30 - 130	20
Benzo(ghi)perylene	ND	72	72	0.0				30 - 130	20
Benzo(k)fluoranthene	ND	77	75	2.6				30 - 130	20
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20

QA/QC Data

SDG I.D.: GBF94893

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benzyl butyl phthalate	ND	83	82	1.2				30 - 130	20
Bis(2-chloroethoxy)methane	ND	69	68	1.5				30 - 130	20
Bis(2-chloroethyl)ether	ND	67	66	1.5				30 - 130	20
Bis(2-chloroisopropyl)ether	ND	69	67	2.9				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	84	83	1.2				30 - 130	20
Carbazole	ND	81	79	2.5				30 - 130	20
Chrysene	ND	76	76	0.0				30 - 130	20
Dibenz(a,h)anthracene	ND	70	71	1.4				30 - 130	20
Dibenzofuran	ND	74	73	1.4				30 - 130	20
Diethyl phthalate	ND	76	76	0.0				30 - 130	20
Dimethylphthalate	ND	73	72	1.4				30 - 130	20
Di-n-butylphthalate	ND	82	78	5.0				30 - 130	20
Di-n-octylphthalate	ND	78	78	0.0				30 - 130	20
Fluoranthene	ND	78	75	3.9				30 - 130	20
Fluorene	ND	73	72	1.4				30 - 130	20
Hexachlorobenzene	ND	79	78	1.3				30 - 130	20
Hexachlorobutadiene	ND	65	65	0.0				30 - 130	20
Hexachlorocyclopentadiene	ND	52	51	1.9				30 - 130	20
Hexachloroethane	ND	67	67	0.0				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	72	71	1.4				30 - 130	20
Isophorone	ND	76	75	1.3				30 - 130	20
Naphthalene	ND	67	67	0.0				30 - 130	20
Nitrobenzene	ND	72	70	2.8				30 - 130	20
N-Nitrosodimethylamine	ND	56	58	3.5				30 - 130	20
N-Nitrosodi-n-propylamine	ND	71	70	1.4				30 - 130	20
N-Nitrosodiphenylamine	ND	76	76	0.0				30 - 130	20
Pentachloronitrobenzene	ND	75	76	1.3				30 - 130	20
Pentachlorophenol	ND	82	82	0.0				30 - 130	20
Phenanthrene	ND	74	74	0.0				30 - 130	20
Phenol	ND	60	59	1.7				15 - 130	20
Pyrene	ND	81	77	5.1				30 - 130	20
Pyridine	ND	29	29	0.0				30 - 130	20
% 2,4,6-Tribromophenol	86	80	81	1.2				15 - 110	20
% 2-Fluorobiphenyl	73	68	67	1.5				30 - 130	20
% 2-Fluorophenol	68	56	55	1.8				15 - 110	20
% Nitrobenzene-d5	89	68	67	1.5				30 - 130	20
% Phenol-d5	78	60	58	3.4				15 - 110	20
% Terphenyl-d14	74	78	77	1.3				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 263786, QC Sample No: BF95058 (BF94893)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	102	99	3.0	105	99	5.9	70 - 130	30
1,1,1-Trichloroethane	ND	101	94	7.2	109	107	1.9	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	101	100	1.0	104	101	2.9	70 - 130	30
1,1,2-Trichloroethane	ND	105	102	2.9	100	98	2.0	70 - 130	30
1,1-Dichloroethane	ND	100	94	6.2	107	102	4.8	70 - 130	30
1,1-Dichloroethene	ND	94	93	1.1	107	108	0.9	70 - 130	30
1,1-Dichloropropene	ND	100	94	6.2	103	104	1.0	70 - 130	30
1,2,3-Trichlorobenzene	0.62	107	106	0.9	93	94	1.1	70 - 130	30
1,2,3-Trichloropropane	ND	105	105	0.0	103	104	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GBF94893

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2,4-Trichlorobenzene	ND	109	105	3.7	96	98	2.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	111	108	2.7	108	105	2.8	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	101	96	5.1	96	95	1.0	70 - 130	30
1,2-Dibromoethane	ND	105	101	3.9	103	99	4.0	70 - 130	30
1,2-Dichlorobenzene	ND	103	101	2.0	104	101	2.9	70 - 130	30
1,2-Dichloroethane	ND	99	96	3.1	105	101	3.9	70 - 130	30
1,2-Dichloropropane	ND	102	95	7.1	101	98	3.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	109	104	4.7	110	106	3.7	70 - 130	30
1,3-Dichlorobenzene	ND	104	101	2.9	104	101	2.9	70 - 130	30
1,3-Dichloropropane	ND	106	100	5.8	104	102	1.9	70 - 130	30
1,4-Dichlorobenzene	ND	104	99	4.9	103	100	3.0	70 - 130	30
2,2-Dichloropropane	ND	114	106	7.3	76	89	15.8	70 - 130	30
2-Chlorotoluene	ND	105	100	4.9	107	104	2.8	70 - 130	30
2-Hexanone	ND	107	102	4.8	103	100	3.0	70 - 130	30
2-Isopropyltoluene	ND	105	103	1.9	107	107	0.0	70 - 130	30
4-Chlorotoluene	ND	109	103	5.7	108	103	4.7	70 - 130	30
4-Methyl-2-pentanone	ND	101	98	3.0	99	97	2.0	70 - 130	30
Acetone	ND	81	87	7.1	105	98	6.9	70 - 130	30
Acrylonitrile	ND	100	100	0.0	104	100	3.9	70 - 130	30
Benzene	ND	98	93	5.2	103	98	5.0	70 - 130	30
Bromobenzene	ND	103	101	2.0	106	102	3.8	70 - 130	30
Bromochloromethane	ND	98	94	4.2	106	101	4.8	70 - 130	30
Bromodichloromethane	ND	100	94	6.2	103	99	4.0	70 - 130	30
Bromoform	ND	103	101	2.0	104	104	0.0	70 - 130	30
Bromomethane	ND	103	95	8.1	111	114	2.7	70 - 130	30
Carbon Disulfide	ND	91	85	6.8	104	103	1.0	70 - 130	30
Carbon tetrachloride	ND	102	95	7.1	104	105	1.0	70 - 130	30
Chlorobenzene	ND	103	96	7.0	104	99	4.9	70 - 130	30
Chloroethane	ND	100	94	6.2	110	103	6.6	70 - 130	30
Chloroform	ND	99	93	6.3	107	103	3.8	70 - 130	30
Chloromethane	ND	90	93	3.3	109	102	6.6	70 - 130	30
cis-1,2-Dichloroethene	ND	100	95	5.1	107	103	3.8	70 - 130	30
cis-1,3-Dichloropropene	ND	103	98	5.0	98	97	1.0	70 - 130	30
Dibromochloromethane	ND	104	101	2.9	106	101	4.8	70 - 130	30
Dibromomethane	ND	102	98	4.0	101	100	1.0	70 - 130	30
Dichlorodifluoromethane	ND	95	95	0.0	93	112	18.5	70 - 130	30
Ethylbenzene	ND	102	96	6.1	106	101	4.8	70 - 130	30
Hexachlorobutadiene	0.62	109	104	4.7	96	108	11.8	70 - 130	30
Isopropylbenzene	ND	108	103	4.7	108	105	2.8	70 - 130	30
m&p-Xylene	ND	106	100	5.8	108	104	3.8	70 - 130	30
Methyl ethyl ketone	ND	94	91	3.2	100	101	1.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	100	98	2.0	96	95	1.0	70 - 130	30
Methylene chloride	ND	91	86	5.6	98	94	4.2	70 - 130	30
Naphthalene	ND	111	111	0.0	97	101	4.0	70 - 130	30
n-Butylbenzene	ND	114	110	3.6	108	111	2.7	70 - 130	30
n-Propylbenzene	ND	113	109	3.6	106	106	0.0	70 - 130	30
o-Xylene	ND	107	101	5.8	108	103	4.7	70 - 130	30
p-Isopropyltoluene	ND	112	108	3.6	110	109	0.9	70 - 130	30
sec-Butylbenzene	ND	106	102	3.8	108	110	1.8	70 - 130	30
Styrene	ND	110	106	3.7	109	105	3.7	70 - 130	30
tert-Butylbenzene	ND	107	103	3.8	108	108	0.0	70 - 130	30
Tetrachloroethene	ND	104	98	5.9	110	110	0.0	70 - 130	30
Tetrahydrofuran (THF)	ND	97	97	0.0	100	98	2.0	70 - 130	30

QA/QC Data

SDG I.D.: GBF94893

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Toluene	ND	99	95	4.1	102	97	5.0	70 - 130	30
trans-1,2-Dichloroethene	ND	97	89	8.6	106	102	3.8	70 - 130	30
trans-1,3-Dichloropropene	ND	102	99	3.0	96	97	1.0	70 - 130	30
trans-1,4-dichloro-2-butene	ND	114	110	3.6	91	96	5.3	70 - 130	30
Trichloroethene	ND	101	96	5.1	110	105	4.7	70 - 130	30
Trichlorofluoromethane	ND	101	101	0.0	107	113	5.5	70 - 130	30
Trichlorotrifluoroethane	ND	107	104	2.8	100	115	14.0	70 - 130	30
Vinyl chloride	ND	96	88	8.7	102	105	2.9	70 - 130	30
% 1,2-dichlorobenzene-d4	101	98	102	4.0	101	101	0.0	70 - 130	30
% Bromofluorobenzene	98	99	100	1.0	99	98	1.0	70 - 130	30
% Dibromofluoromethane	100	99	99	0.0	100	104	3.9	70 - 130	30
% Toluene-d8	99	99	99	0.0	100	99	1.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-200%.

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 10, 2014

Sample Criteria Exceedences Report

GBF94893 - EBC

Criteria: NY: 375, GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BF94893	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BF94893	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF94893	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BF94893	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BF94893	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

January 10, 2014

SDG I.D.: GBF94893

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

WIC IP

Temp 40c Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

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

Data Delivery:
☐ Fax #:
☒ Email: esos.ke@sbcglobal.net

Customer: EBC
Address: Ridge NY

Project: 1H Bayard ST BKlyn NY
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Sampler's Signature

Client Sample - Information - Identification

Date: 1.6.14

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	VOC 8260	SVOC 8270	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
94893	GW1	GW	1.6	840						3	1					

Relinquished by:	Accepted by:	Date:	Time:
		1-6-14	10:05
	TFoster/Con	1/6/14	15:07

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Nor-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.

Monday, April 14, 2014

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

Project ID: 171 BAYARD STREET
Sample ID#s: BG27169 - BG27174

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

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

NY # 11301

SDG Comments

April 14, 2014

SDG I.D.: GBG27169

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

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

April 14, 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:		04/03/14	0:00
Location Code:	EBC	Received by:	SW	04/03/14	15:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG27169
Phoenix ID: BG27169

Project ID: 171 BAYARD STREET
Client ID: B4 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	0.23	mg/Kg	04/05/14	LK	SW6010
Aluminum	5750	38	7.5	mg/Kg	04/05/14	LK	SW6010
Arsenic	< 0.8	0.8	0.75	mg/Kg	04/05/14	LK	SW6010
Barium	44.3	0.8	0.15	mg/Kg	04/05/14	LK	SW6010
Beryllium	0.34	0.30	0.15	mg/Kg	04/05/14	LK	SW6010
Calcium	3770	3.8	3.5	mg/Kg	04/05/14	LK	SW6010
Cadmium	< 0.38	0.38	0.15	mg/Kg	04/05/14	LK	SW6010
Cobalt	4.90	0.38	0.15	mg/Kg	04/05/14	LK	SW6010
Chromium	18.1	0.38	0.15	mg/Kg	04/05/14	LK	SW6010
Copper	14.3	0.38	0.30	mg/kg	04/05/14	LK	SW6010
Iron	22600	38	38	mg/Kg	04/05/14	LK	SW6010
Mercury	< 0.06	0.06	0.04	mg/Kg	04/04/14	RS	SW-7471
Potassium	1640	8	2.9	mg/Kg	04/05/14	LK	SW6010
Magnesium	2120	3.8	0.23	mg/Kg	04/05/14	LK	SW6010
Manganese	366	3.8	1.5	mg/Kg	04/05/14	LK	SW6010
Sodium	152	8	3.2	mg/Kg	04/05/14	LK	SW6010
Nickel	10.4	0.38	0.15	mg/Kg	04/05/14	LK	SW6010
Lead	23.2	0.8	0.23	mg/Kg	04/05/14	LK	SW6010
Antimony	< 3.0	3.0	0.75	mg/Kg	04/05/14	LK	SW6010
Selenium	< 1.5	1.5	1.3	mg/Kg	04/05/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	04/05/14	LK	SW6010
Vanadium	28.2	0.4	0.15	mg/Kg	04/05/14	LK	SW6010
Zinc	44.5	0.8	0.38	mg/Kg	04/05/14	LK	SW6010
Percent Solid	92			%	04/03/14	I	E160.3
Soil Extraction for PCB	Completed				04/03/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/03/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/03/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/04/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/03/14	CB/AG	SW846 - 3050
Field Extraction	Completed				04/03/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	80			%	04/04/14	AW	30 - 150 %
% TCMX	75			%	04/04/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	04/07/14	M/K	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	04/07/14	M/K	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
Chlordane	ND	21	21	ug/Kg	04/07/14	M/K	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	04/07/14	M/K	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	04/07/14	M/K	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	04/07/14	M/K	SW8081
Endrin	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	04/07/14	M/K	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	04/07/14	M/K	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	04/07/14	M/K	SW8081
Methoxychlor	ND	7.1	7.1	ug/Kg	04/07/14	M/K	SW8081
Toxaphene	ND	180	180	ug/Kg	04/07/14	M/K	SW8081
QA/QC Surrogates							
% DCBP	103			%	04/07/14	M/K	30 - 150 %
% TCMX	85			%	04/07/14	M/K	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	10	1.7	ug/Kg	04/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	10	1.4	ug/Kg	04/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	10	1.0	ug/Kg	04/09/14	HM	SW8260
1,1-Dichloroethane	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260

Project ID: 171 BAYARD STREET
Client ID: B4 0-2

Phoenix I.D.: BG27169

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	10	2.2	ug/Kg	04/09/14	HM	SW8260	
1,1-Dichloropropene	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	10	1.4	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	10	1.5	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	10	2.7	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromoethane	ND	10	2.7	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	10	1.1	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloroethane	ND	10	0.89	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloropropane	ND	10	1.4	ug/Kg	04/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	10	1.3	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	10	1.5	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichloropropane	ND	10	1.1	ug/Kg	04/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	10	1.6	ug/Kg	04/09/14	HM	SW8260	
2,2-Dichloropropane	ND	10	1.7	ug/Kg	04/09/14	HM	SW8260	
2-Chlorotoluene	ND	10	1.6	ug/Kg	04/09/14	HM	SW8260	
2-Hexanone	ND	51	4.6	ug/Kg	04/09/14	HM	SW8260	
2-Isopropyltoluene	ND	10	1.4	ug/Kg	04/09/14	HM	SW8260	1
4-Chlorotoluene	ND	10	1.2	ug/Kg	04/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	51	2.4	ug/Kg	04/09/14	HM	SW8260	
Acetone	ND	100	10	ug/Kg	04/09/14	HM	SW8260	
Acrylonitrile	ND	20	5.7	ug/Kg	04/09/14	HM	SW8260	
Benzene	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260	
Bromobenzene	ND	10	1.3	ug/Kg	04/09/14	HM	SW8260	
Bromochloromethane	ND	10	1.5	ug/Kg	04/09/14	HM	SW8260	
Bromodichloromethane	ND	10	1.3	ug/Kg	04/09/14	HM	SW8260	
Bromoform	ND	10	1.4	ug/Kg	04/09/14	HM	SW8260	
Bromomethane	ND	10	7.8	ug/Kg	04/09/14	HM	SW8260	
Carbon Disulfide	ND	10	1.6	ug/Kg	04/09/14	HM	SW8260	
Carbon tetrachloride	ND	10	1.2	ug/Kg	04/09/14	HM	SW8260	
Chlorobenzene	ND	10	1.5	ug/Kg	04/09/14	HM	SW8260	
Chloroethane	ND	10	2.4	ug/Kg	04/09/14	HM	SW8260	
Chloroform	ND	10	1.8	ug/Kg	04/09/14	HM	SW8260	
Chloromethane	ND	10	5.3	ug/Kg	04/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	10	2.2	ug/Kg	04/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	10	1.1	ug/Kg	04/09/14	HM	SW8260	
Dibromochloromethane	ND	10	1.1	ug/Kg	04/09/14	HM	SW8260	
Dibromomethane	ND	10	1.3	ug/Kg	04/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	10	2.7	ug/Kg	04/09/14	HM	SW8260	
Ethylbenzene	ND	10	1.8	ug/Kg	04/09/14	HM	SW8260	
Hexachlorobutadiene	ND	10	2.1	ug/Kg	04/09/14	HM	SW8260	
Isopropylbenzene	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260	
m&p-Xylene	ND	10	4.0	ug/Kg	04/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	61	8.8	ug/Kg	04/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	20	2.8	ug/Kg	04/09/14	HM	SW8260	
Methylene chloride	ND	10	1.7	ug/Kg	04/09/14	HM	SW8260	
Naphthalene	13	10	2.7	ug/Kg	04/09/14	HM	SW8260	
n-Butylbenzene	ND	10	1.8	ug/Kg	04/09/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND	10	1.8	ug/Kg	04/09/14	HM	SW8260	
o-Xylene	ND	10	3.9	ug/Kg	04/09/14	HM	SW8260	
p-Isopropyltoluene	ND	10	1.5	ug/Kg	04/09/14	HM	SW8260	
sec-Butylbenzene	ND	10	1.9	ug/Kg	04/09/14	HM	SW8260	
Styrene	ND	10	2.9	ug/Kg	04/09/14	HM	SW8260	
tert-Butylbenzene	ND	10	1.6	ug/Kg	04/09/14	HM	SW8260	
Tetrachloroethene	15	10	2.1	ug/Kg	04/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	20	9.1	ug/Kg	04/09/14	HM	SW8260	1
Toluene	ND	10	1.6	ug/Kg	04/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	10	2.0	ug/Kg	04/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	10	2.1	ug/Kg	04/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	20	19	ug/Kg	04/09/14	HM	SW8260	
Trichloroethene	ND	10	2.2	ug/Kg	04/09/14	HM	SW8260	
Trichlorofluoromethane	ND	10	2.3	ug/Kg	04/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND	10	1.6	ug/Kg	04/09/14	HM	SW8260	
Vinyl chloride	ND	10	3.3	ug/Kg	04/09/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	04/09/14	HM	70 - 130 %	
% Bromofluorobenzene	93			%	04/09/14	HM	70 - 130 %	
% Dibromofluoromethane	105			%	04/09/14	HM	70 - 130 %	
% Toluene-d8	99			%	04/09/14	HM	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	04/03/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	04/03/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	04/03/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	04/03/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	04/03/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	04/03/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	04/03/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	04/03/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	130	ug/Kg	04/03/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	89	ug/Kg	04/03/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1800	250	ug/Kg	04/03/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	04/03/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	04/03/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	100	ug/Kg	04/03/14	DD	SW 8270	
2-Chlorophenol	ND	250	100	ug/Kg	04/03/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	110	ug/Kg	04/03/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	04/03/14	DD	SW 8270	
2-Nitroaniline	ND	1800	360	ug/Kg	04/03/14	DD	SW 8270	
2-Nitrophenol	ND	250	230	ug/Kg	04/03/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	04/03/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	04/03/14	DD	SW 8270	
3-Nitroaniline	ND	1800	780	ug/Kg	04/03/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	04/03/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	04/03/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	04/03/14	DD	SW 8270	
4-Chloroaniline	ND	720	170	ug/Kg	04/03/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	04/03/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B4 0-2

Phoenix I.D.: BG27169

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND		1800	120	ug/Kg	04/03/14	DD	SW 8270	
4-Nitrophenol	ND		1800	160	ug/Kg	04/03/14	DD	SW 8270	
Acenaphthene	ND		250	110	ug/Kg	04/03/14	DD	SW 8270	
Acenaphthylene	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	
Acetophenone	ND		250	110	ug/Kg	04/03/14	DD	SW 8270	
Aniline	ND		1800	730	ug/Kg	04/03/14	DD	SW 8270	
Anthracene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Benz(a)anthracene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Benzidine	ND		720	210	ug/Kg	04/03/14	DD	SW 8270	
Benzo(a)pyrene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Benzo(b)fluoranthene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Benzo(ghi)perylene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Benzoic acid	ND		1800	720	ug/Kg	04/03/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		250	93	ug/Kg	04/03/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	04/03/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	04/03/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	
Carbazole	ND		1800	270	ug/Kg	04/03/14	DD	SW 8270	
Chrysene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Dibenzofuran	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	
Diethyl phthalate	ND		250	110	ug/Kg	04/03/14	DD	SW 8270	
Dimethylphthalate	ND		250	110	ug/Kg	04/03/14	DD	SW 8270	
Di-n-butylphthalate	ND		250	95	ug/Kg	04/03/14	DD	SW 8270	
Di-n-octylphthalate	ND		250	93	ug/Kg	04/03/14	DD	SW 8270	
Fluoranthene	180	J	250	120	ug/Kg	04/03/14	DD	SW 8270	
Fluorene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Hexachlorobenzene	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	
Hexachlorobutadiene	ND		250	130	ug/Kg	04/03/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	04/03/14	DD	SW 8270	
Hexachloroethane	ND		250	110	ug/Kg	04/03/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
Isophorone	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	
Naphthalene	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	
Nitrobenzene	ND		250	130	ug/Kg	04/03/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	04/03/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	04/03/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	04/03/14	DD	SW 8270	
Pentachloronitrobenzene	ND		250	130	ug/Kg	04/03/14	DD	SW 8270	
Pentachlorophenol	ND		250	140	ug/Kg	04/03/14	DD	SW 8270	
Phenanthrene	130	J	250	100	ug/Kg	04/03/14	DD	SW 8270	
Phenol	ND		250	110	ug/Kg	04/03/14	DD	SW 8270	
Pyrene	180	J	250	120	ug/Kg	04/03/14	DD	SW 8270	
Pyridine	ND		250	88	ug/Kg	04/03/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	83				%	04/03/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	68				%	04/03/14	DD	30 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	78			%	04/03/14	DD	30 - 130 %
% Nitrobenzene-d5	63			%	04/03/14	DD	30 - 130 %
% Phenol-d5	78			%	04/03/14	DD	30 - 130 %
% Terphenyl-d14	101			%	04/03/14	DD	30 - 130 %

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

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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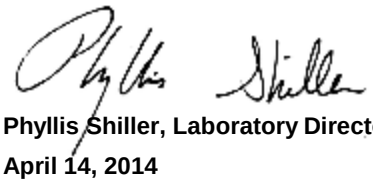


Phyllis Shiller, Laboratory Director
April 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

April 14, 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:		04/03/14	0:00
Location Code:	EBC	Received by:	SW	04/03/14	15:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG27169
Phoenix ID: BG27170

Project ID: 171 BAYARD STREET
Client ID: B4 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	0.22	mg/Kg	04/05/14	LK	SW6010
Aluminum	6010	36	7.3	mg/Kg	04/05/14	LK	SW6010
Arsenic	1.7	0.7	0.73	mg/Kg	04/05/14	LK	SW6010
Barium	30.0	0.7	0.15	mg/Kg	04/05/14	LK	SW6010
Beryllium	0.37	0.29	0.15	mg/Kg	04/05/14	LK	SW6010
Calcium	843	3.6	3.3	mg/Kg	04/05/14	LK	SW6010
Cadmium	< 0.36	0.36	0.15	mg/Kg	04/05/14	LK	SW6010
Cobalt	5.53	0.36	0.15	mg/Kg	04/05/14	LK	SW6010
Chromium	19.4	0.36	0.15	mg/Kg	04/05/14	LK	SW6010
Copper	12.2	0.36	0.29	mg/kg	04/05/14	LK	SW6010
Iron	17900	36	36	mg/Kg	04/05/14	LK	SW6010
Mercury	< 0.07	0.07	0.04	mg/Kg	04/04/14	RS	SW-7471
Potassium	1000	7	2.8	mg/Kg	04/05/14	LK	SW6010
Magnesium	1660	3.6	0.22	mg/Kg	04/05/14	LK	SW6010
Manganese	126	0.36	0.15	mg/Kg	04/05/14	LK	SW6010
Sodium	98	7	3.1	mg/Kg	04/05/14	LK	SW6010
Nickel	10.0	0.36	0.15	mg/Kg	04/05/14	LK	SW6010
Lead	6.5	0.7	0.22	mg/Kg	04/05/14	LK	SW6010
Antimony	< 3.0	3.0	0.73	mg/Kg	04/05/14	LK	SW6010
Selenium	< 1.5	1.5	1.2	mg/Kg	04/05/14	LK	SW6010
Thallium	< 1.5	1.5	1.5	mg/Kg	04/05/14	LK	SW6010
Vanadium	27.7	0.4	0.15	mg/Kg	04/05/14	LK	SW6010
Zinc	33.9	0.7	0.36	mg/Kg	04/05/14	LK	SW6010
Percent Solid	81			%	04/03/14	I	E160.3
Soil Extraction for PCB	Completed				04/03/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/03/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/03/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/04/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/03/14	CB/AG	SW846 - 3050
Field Extraction	Completed				04/03/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1221	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1232	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1242	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1248	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1254	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1260	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1262	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
PCB-1268	ND	40	40	ug/Kg	04/04/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	91			%	04/04/14	AW	30 - 150 %
% TCMX	79			%	04/04/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.9	2.9	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDE	ND	2.9	2.9	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDT	ND	2.9	2.9	ug/Kg	04/07/14	M/K	SW8081
a-BHC	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
a-Chlordane	ND	4.0	4.0	ug/Kg	04/07/14	M/K	SW8081
Aldrin	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
b-BHC	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
Chlordane	ND	24	24	ug/Kg	04/07/14	M/K	SW8081
d-BHC	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
Dieldrin	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
Endosulfan I	ND	4.0	4.0	ug/Kg	04/07/14	M/K	SW8081
Endosulfan II	ND	4.0	4.0	ug/Kg	04/07/14	M/K	SW8081
Endosulfan sulfate	ND	4.0	4.0	ug/Kg	04/07/14	M/K	SW8081
Endrin	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
Endrin aldehyde	ND	4.0	4.0	ug/Kg	04/07/14	M/K	SW8081
Endrin ketone	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
g-BHC	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
g-Chlordane	ND	4.0	4.0	ug/Kg	04/07/14	M/K	SW8081
Heptachlor	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
Heptachlor epoxide	ND	2.0	2.0	ug/Kg	04/07/14	M/K	SW8081
Methoxychlor	ND	8.1	8.1	ug/Kg	04/07/14	M/K	SW8081
Toxaphene	ND	200	200	ug/Kg	04/07/14	M/K	SW8081
QA/QC Surrogates							
% DCBP	104			%	04/07/14	M/K	30 - 150 %
% TCMX	77			%	04/07/14	M/K	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	300	49	ug/Kg	04/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	300	60	ug/Kg	04/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	300	43	ug/Kg	04/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	300	29	ug/Kg	04/09/14	HM	SW8260
1,1-Dichloroethane	ND	300	60	ug/Kg	04/09/14	HM	SW8260

Project ID: 171 BAYARD STREET
Client ID: B4 11-13

Phoenix I.D.: BG27170

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	300	66	ug/Kg	04/09/14	HM	SW8260	
1,1-Dichloropropene	ND	300	58	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	300	60	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	300	43	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	300	60	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	5000	300	43	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	300	81	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromoethane	ND	300	80	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	300	33	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloroethane	ND	300	26	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloropropane	ND	300	43	ug/Kg	04/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	2300	300	40	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	300	45	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichloropropane	ND	300	32	ug/Kg	04/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	300	48	ug/Kg	04/09/14	HM	SW8260	
2,2-Dichloropropane	ND	300	51	ug/Kg	04/09/14	HM	SW8260	
2-Chlorotoluene	ND	300	48	ug/Kg	04/09/14	HM	SW8260	
2-Hexanone	ND	1500	140	ug/Kg	04/09/14	HM	SW8260	
2-Isopropyltoluene	310	300	42	ug/Kg	04/09/14	HM	SW8260	1
4-Chlorotoluene	ND	300	35	ug/Kg	04/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	1500	72	ug/Kg	04/09/14	HM	SW8260	
Acetone	ND	3000	300	ug/Kg	04/09/14	HM	SW8260	
Acrylonitrile	ND	600	170	ug/Kg	04/09/14	HM	SW8260	
Benzene	ND	300	60	ug/Kg	04/09/14	HM	SW8260	
Bromobenzene	ND	300	39	ug/Kg	04/09/14	HM	SW8260	
Bromochloromethane	ND	300	44	ug/Kg	04/09/14	HM	SW8260	
Bromodichloromethane	ND	300	37	ug/Kg	04/09/14	HM	SW8260	
Bromoform	ND	300	42	ug/Kg	04/09/14	HM	SW8260	
Bromomethane	ND	300	230	ug/Kg	04/09/14	HM	SW8260	
Carbon Disulfide	ND	300	49	ug/Kg	04/09/14	HM	SW8260	
Carbon tetrachloride	ND	300	35	ug/Kg	04/09/14	HM	SW8260	
Chlorobenzene	ND	300	45	ug/Kg	04/09/14	HM	SW8260	
Chloroethane	ND	300	70	ug/Kg	04/09/14	HM	SW8260	
Chloroform	ND	300	55	ug/Kg	04/09/14	HM	SW8260	
Chloromethane	ND	300	160	ug/Kg	04/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	300	66	ug/Kg	04/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	300	33	ug/Kg	04/09/14	HM	SW8260	
Dibromochloromethane	ND	300	34	ug/Kg	04/09/14	HM	SW8260	
Dibromomethane	ND	300	38	ug/Kg	04/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	300	80	ug/Kg	04/09/14	HM	SW8260	
Ethylbenzene	ND	300	55	ug/Kg	04/09/14	HM	SW8260	
Hexachlorobutadiene	ND	300	63	ug/Kg	04/09/14	HM	SW8260	
Isopropylbenzene	ND	300	58	ug/Kg	04/09/14	HM	SW8260	
m&p-Xylene	ND	300	120	ug/Kg	04/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	1800	260	ug/Kg	04/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	600	83	ug/Kg	04/09/14	HM	SW8260	
Methylene chloride	ND	300	49	ug/Kg	04/09/14	HM	SW8260	
Naphthalene	1100	300	81	ug/Kg	04/09/14	HM	SW8260	
n-Butylbenzene	1400	300	55	ug/Kg	04/09/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	410	300	54	ug/Kg	04/09/14	HM	SW8260	
o-Xylene	ND	300	110	ug/Kg	04/09/14	HM	SW8260	
p-Isopropyltoluene	1400	300	43	ug/Kg	04/09/14	HM	SW8260	
sec-Butylbenzene	1500	300	57	ug/Kg	04/09/14	HM	SW8260	
Styrene	ND	300	87	ug/Kg	04/09/14	HM	SW8260	
tert-Butylbenzene	ND	300	48	ug/Kg	04/09/14	HM	SW8260	
Tetrachloroethene	ND	300	63	ug/Kg	04/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	600	270	ug/Kg	04/09/14	HM	SW8260	1
Toluene	ND	300	48	ug/Kg	04/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	300	60	ug/Kg	04/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	300	61	ug/Kg	04/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	600	560	ug/Kg	04/09/14	HM	SW8260	
Trichloroethene	ND	300	64	ug/Kg	04/09/14	HM	SW8260	
Trichlorofluoromethane	ND	300	67	ug/Kg	04/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND	300	47	ug/Kg	04/09/14	HM	SW8260	
Vinyl chloride	ND	300	98	ug/Kg	04/09/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	04/09/14	HM	70 - 130 %	
% Bromofluorobenzene	111			%	04/09/14	HM	70 - 130 %	
% Dibromofluoromethane	94			%	04/09/14	HM	70 - 130 %	
% Toluene-d8	102			%	04/09/14	HM	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	5700	2800	ug/Kg	04/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	5700	2400	ug/Kg	04/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	5700	2300	ug/Kg	04/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	5700	2600	ug/Kg	04/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	5700	2400	ug/Kg	04/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	5700	2400	ug/Kg	04/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	5700	4400	ug/Kg	04/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	5700	2600	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND	5700	2800	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND	5700	2000	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND	40000	5700	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	5700	3200	ug/Kg	04/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	5700	2600	ug/Kg	04/04/14	DD	SW 8270	
2-Chloronaphthalene	ND	5700	2300	ug/Kg	04/04/14	DD	SW 8270	
2-Chlorophenol	ND	5700	2300	ug/Kg	04/04/14	DD	SW 8270	
2-Methylnaphthalene	7600	5700	2400	ug/Kg	04/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	5700	3800	ug/Kg	04/04/14	DD	SW 8270	
2-Nitroaniline	ND	40000	8200	ug/Kg	04/04/14	DD	SW 8270	
2-Nitrophenol	ND	5700	5100	ug/Kg	04/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	5700	3200	ug/Kg	04/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	16000	3800	ug/Kg	04/04/14	DD	SW 8270	
3-Nitroaniline	ND	40000	18000	ug/Kg	04/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	40000	8700	ug/Kg	04/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	5700	2400	ug/Kg	04/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	5700	2800	ug/Kg	04/04/14	DD	SW 8270	
4-Chloroaniline	ND	16000	3800	ug/Kg	04/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	5700	2700	ug/Kg	04/04/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B4 11-13

Phoenix I.D.: BG27170

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND		40000	2700	ug/Kg	04/04/14	DD	SW 8270	
4-Nitrophenol	ND		40000	3700	ug/Kg	04/04/14	DD	SW 8270	
Acenaphthene	ND		5700	2500	ug/Kg	04/04/14	DD	SW 8270	
Acenaphthylene	ND		5700	2300	ug/Kg	04/04/14	DD	SW 8270	
Acetophenone	ND		5700	2500	ug/Kg	04/04/14	DD	SW 8270	
Aniline	ND		40000	16000	ug/Kg	04/04/14	DD	SW 8270	
Anthracene	ND		5700	2700	ug/Kg	04/04/14	DD	SW 8270	
Benz(a)anthracene	ND		5700	2700	ug/Kg	04/04/14	DD	SW 8270	
Benzidine	ND		16000	4800	ug/Kg	04/04/14	DD	SW 8270	
Benzo(a)pyrene	ND		5700	2600	ug/Kg	04/04/14	DD	SW 8270	
Benzo(b)fluoranthene	ND		5700	2800	ug/Kg	04/04/14	DD	SW 8270	
Benzo(ghi)perylene	ND		5700	2600	ug/Kg	04/04/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		5700	2700	ug/Kg	04/04/14	DD	SW 8270	
Benzoic acid	ND		40000	16000	ug/Kg	04/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		5700	2100	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		5700	2200	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		5700	2200	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		5700	2200	ug/Kg	04/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		5700	2300	ug/Kg	04/04/14	DD	SW 8270	
Carbazole	ND		40000	6100	ug/Kg	04/04/14	DD	SW 8270	
Chrysene	ND		5700	2700	ug/Kg	04/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		5700	2600	ug/Kg	04/04/14	DD	SW 8270	
Dibenzofuran	ND		5700	2400	ug/Kg	04/04/14	DD	SW 8270	
Diethyl phthalate	ND		5700	2600	ug/Kg	04/04/14	DD	SW 8270	
Dimethylphthalate	ND		5700	2500	ug/Kg	04/04/14	DD	SW 8270	
Di-n-butylphthalate	ND		5700	2200	ug/Kg	04/04/14	DD	SW 8270	
Di-n-octylphthalate	ND		5700	2100	ug/Kg	04/04/14	DD	SW 8270	
Fluoranthene	ND		5700	2600	ug/Kg	04/04/14	DD	SW 8270	
Fluorene	ND		5700	2700	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorobenzene	ND		5700	2400	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorobutadiene	ND		5700	2900	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		5700	2500	ug/Kg	04/04/14	DD	SW 8270	
Hexachloroethane	ND		5700	2400	ug/Kg	04/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		5700	2700	ug/Kg	04/04/14	DD	SW 8270	
Isophorone	ND		5700	2300	ug/Kg	04/04/14	DD	SW 8270	
Naphthalene	ND		5700	2300	ug/Kg	04/04/14	DD	SW 8270	
Nitrobenzene	ND		5700	2800	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		5700	2300	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		5700	2600	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		5700	3100	ug/Kg	04/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND		5700	3000	ug/Kg	04/04/14	DD	SW 8270	
Pentachlorophenol	ND		5700	3100	ug/Kg	04/04/14	DD	SW 8270	
Phenanthrene	4300	J	5700	2300	ug/Kg	04/04/14	DD	SW 8270	
Phenol	ND		5700	2600	ug/Kg	04/04/14	DD	SW 8270	
Pyrene	ND		5700	2800	ug/Kg	04/04/14	DD	SW 8270	
Pyridine	ND		5700	2000	ug/Kg	04/04/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	*Diluted Out				%	04/04/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	*Diluted Out				%	04/04/14	DD	30 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	*Diluted Out			%	04/04/14	DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out			%	04/04/14	DD	30 - 130 %
% Phenol-d5	*Diluted Out			%	04/04/14	DD	30 - 130 %
% Terphenyl-d14	*Diluted Out			%	04/04/14	DD	30 - 130 %

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

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.

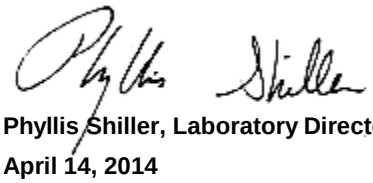
Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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

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



Phyllis Shiller, Laboratory Director
April 14, 2014
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

April 14, 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:		04/03/14	0:00
Location Code:	EBC	Received by:	SW	04/03/14	15:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG27169
Phoenix ID: BG27171

Project ID: 171 BAYARD STREET
Client ID: B5 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	0.21	mg/Kg	04/05/14	LK	SW6010
Aluminum	6640	35	7.1	mg/Kg	04/05/14	LK	SW6010
Arsenic	7.9	0.7	0.71	mg/Kg	04/05/14	LK	SW6010
Barium	747	0.7	0.14	mg/Kg	04/05/14	LK	SW6010
Beryllium	0.46	0.28	0.14	mg/Kg	04/05/14	LK	SW6010
Calcium	11600	35	32	mg/Kg	04/05/14	LK	SW6010
Cadmium	0.58	0.35	0.14	mg/Kg	04/05/14	LK	SW6010
Cobalt	5.61	0.35	0.14	mg/Kg	04/05/14	LK	SW6010
Chromium	43.1	0.35	0.14	mg/Kg	04/05/14	LK	SW6010
Copper	75.2	0.35	0.28	mg/kg	04/05/14	LK	SW6010
Iron	27800	35	35	mg/Kg	04/05/14	LK	SW6010
Mercury	1.24	0.07	0.04	mg/Kg	04/04/14	RS	SW-7471
Potassium	1260	7	2.8	mg/Kg	04/05/14	LK	SW6010
Magnesium	3810	3.5	0.21	mg/Kg	04/05/14	LK	SW6010
Manganese	542	3.5	1.4	mg/Kg	04/05/14	LK	SW6010
Sodium	280	7	3.0	mg/Kg	04/05/14	LK	SW6010
Nickel	11.6	0.35	0.14	mg/Kg	04/05/14	LK	SW6010
Lead	8060	71	21	mg/Kg	04/07/14	LK	SW6010
Antimony	< 3.0	3.0	0.71	mg/Kg	04/05/14	LK	SW6010
Selenium	< 1.4	1.4	1.2	mg/Kg	04/05/14	LK	SW6010
Thallium	< 1.4	1.4	1.4	mg/Kg	04/05/14	LK	SW6010
Vanadium	25.1	0.4	0.14	mg/Kg	04/05/14	LK	SW6010
Zinc	254	7.1	3.5	mg/Kg	04/05/14	LK	SW6010
Percent Solid	92			%	04/03/14	I	E160.3
Soil Extraction for PCB	Completed				04/03/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/03/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/03/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/04/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/03/14	CB/AG	SW846 - 3050
Field Extraction	Completed				04/03/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	04/04/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	105			%	04/04/14	AW	30 - 150 %
% TCMX	77			%	04/04/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	26	26	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDE	ND	26	26	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDT	ND	26	26	ug/Kg	04/07/14	M/K	SW8081
a-BHC	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
a-Chlordane	ND	36	36	ug/Kg	04/07/14	M/K	SW8081
Aldrin	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
b-BHC	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
Chlordane	ND	210	210	ug/Kg	04/07/14	M/K	SW8081
d-BHC	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
Dieldrin	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
Endosulfan I	ND	36	36	ug/Kg	04/07/14	M/K	SW8081
Endosulfan II	ND	36	36	ug/Kg	04/07/14	M/K	SW8081
Endosulfan sulfate	ND	36	36	ug/Kg	04/07/14	M/K	SW8081
Endrin	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
Endrin aldehyde	ND	36	36	ug/Kg	04/07/14	M/K	SW8081
Endrin ketone	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
g-BHC	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
g-Chlordane	ND	36	36	ug/Kg	04/07/14	M/K	SW8081
Heptachlor	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
Heptachlor epoxide	ND	18	18	ug/Kg	04/07/14	M/K	SW8081
Methoxychlor	ND	71	71	ug/Kg	04/07/14	M/K	SW8081
Toxaphene	ND	1800	1800	ug/Kg	04/07/14	M/K	SW8081
QA/QC Surrogates							
% DCBP	Diluted Out			%	04/07/14	M/K	30 - 150 %
% TCMX	Diluted Out			%	04/07/14	M/K	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.5	1.4	ug/Kg	04/09/14	JLI	SW8260
1,1,1-Trichloroethane	ND	8.5	1.7	ug/Kg	04/09/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260
1,1,2-Trichloroethane	ND	8.5	0.83	ug/Kg	04/09/14	JLI	SW8260
1,1-Dichloroethane	ND	8.5	1.7	ug/Kg	04/09/14	JLI	SW8260

Project ID: 171 BAYARD STREET
Client ID: B5 0-2

Phoenix I.D.: BG27171

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	8.5	1.8	ug/Kg	04/09/14	JLI	SW8260	
1,1-Dichloropropene	ND	8.5	1.6	ug/Kg	04/09/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	8.5	1.7	ug/Kg	04/09/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	8.5	1.7	ug/Kg	04/09/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	8.5	2.3	ug/Kg	04/09/14	JLI	SW8260	
1,2-Dibromoethane	ND	8.5	2.3	ug/Kg	04/09/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	8.5	0.93	ug/Kg	04/09/14	JLI	SW8260	
1,2-Dichloroethane	ND	8.5	0.75	ug/Kg	04/09/14	JLI	SW8260	
1,2-Dichloropropane	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	8.5	1.1	ug/Kg	04/09/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	8.5	1.3	ug/Kg	04/09/14	JLI	SW8260	
1,3-Dichloropropane	ND	8.5	0.90	ug/Kg	04/09/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	8.5	1.3	ug/Kg	04/09/14	JLI	SW8260	
2,2-Dichloropropane	ND	8.5	1.4	ug/Kg	04/09/14	JLI	SW8260	
2-Chlorotoluene	ND	8.5	1.4	ug/Kg	04/09/14	JLI	SW8260	
2-Hexanone	ND	42	3.8	ug/Kg	04/09/14	JLI	SW8260	
2-Isopropyltoluene	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260	1
4-Chlorotoluene	ND	8.5	0.98	ug/Kg	04/09/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	42	2.0	ug/Kg	04/09/14	JLI	SW8260	
Acetone	ND	85	8.4	ug/Kg	04/09/14	JLI	SW8260	
Acrylonitrile	ND	17	4.8	ug/Kg	04/09/14	JLI	SW8260	
Benzene	ND	8.5	1.7	ug/Kg	04/09/14	JLI	SW8260	
Bromobenzene	ND	8.5	1.1	ug/Kg	04/09/14	JLI	SW8260	
Bromochloromethane	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260	
Bromodichloromethane	ND	8.5	1.1	ug/Kg	04/09/14	JLI	SW8260	
Bromoform	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260	
Bromomethane	ND	8.5	6.5	ug/Kg	04/09/14	JLI	SW8260	
Carbon Disulfide	ND	8.5	1.4	ug/Kg	04/09/14	JLI	SW8260	
Carbon tetrachloride	ND	8.5	0.98	ug/Kg	04/09/14	JLI	SW8260	
Chlorobenzene	ND	8.5	1.3	ug/Kg	04/09/14	JLI	SW8260	
Chloroethane	ND	8.5	2.0	ug/Kg	04/09/14	JLI	SW8260	
Chloroform	ND	8.5	1.5	ug/Kg	04/09/14	JLI	SW8260	
Chloromethane	ND	8.5	4.4	ug/Kg	04/09/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	8.5	1.8	ug/Kg	04/09/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	8.5	0.92	ug/Kg	04/09/14	JLI	SW8260	
Dibromochloromethane	ND	8.5	0.95	ug/Kg	04/09/14	JLI	SW8260	
Dibromomethane	ND	8.5	1.1	ug/Kg	04/09/14	JLI	SW8260	
Dichlorodifluoromethane	ND	8.5	2.3	ug/Kg	04/09/14	JLI	SW8260	
Ethylbenzene	ND	8.5	1.5	ug/Kg	04/09/14	JLI	SW8260	
Hexachlorobutadiene	ND	8.5	1.8	ug/Kg	04/09/14	JLI	SW8260	
Isopropylbenzene	ND	8.5	1.6	ug/Kg	04/09/14	JLI	SW8260	
m&p-Xylene	ND	8.5	3.3	ug/Kg	04/09/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	51	7.4	ug/Kg	04/09/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	17	2.3	ug/Kg	04/09/14	JLI	SW8260	
Methylene chloride	ND	8.5	1.4	ug/Kg	04/09/14	JLI	SW8260	
Naphthalene	ND	8.5	2.3	ug/Kg	04/09/14	JLI	SW8260	
n-Butylbenzene	ND	8.5	1.5	ug/Kg	04/09/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND	8.5	1.5	ug/Kg	04/09/14	JLI	SW8260	
o-Xylene	ND	8.5	3.2	ug/Kg	04/09/14	JLI	SW8260	
p-Isopropyltoluene	ND	8.5	1.2	ug/Kg	04/09/14	JLI	SW8260	
sec-Butylbenzene	ND	8.5	1.6	ug/Kg	04/09/14	JLI	SW8260	
Styrene	ND	8.5	2.4	ug/Kg	04/09/14	JLI	SW8260	
tert-Butylbenzene	ND	8.5	1.4	ug/Kg	04/09/14	JLI	SW8260	
Tetrachloroethene	350	270	56	ug/Kg	04/09/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	17	7.6	ug/Kg	04/09/14	JLI	SW8260	1
Toluene	ND	8.5	1.3	ug/Kg	04/09/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	8.5	1.7	ug/Kg	04/09/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	8.5	1.7	ug/Kg	04/09/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	17	16	ug/Kg	04/09/14	JLI	SW8260	
Trichloroethene	ND	8.5	1.8	ug/Kg	04/09/14	JLI	SW8260	
Trichlorofluoromethane	ND	8.5	1.9	ug/Kg	04/09/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	8.5	1.3	ug/Kg	04/09/14	JLI	SW8260	
Vinyl chloride	ND	8.5	2.7	ug/Kg	04/09/14	JLI	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	04/09/14	JLI	70 - 130 %	
% Bromofluorobenzene	93			%	04/09/14	JLI	70 - 130 %	
% Dibromofluoromethane	98			%	04/09/14	JLI	70 - 130 %	
% Toluene-d8	100			%	04/09/14	JLI	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	2500	1300	ug/Kg	04/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	2500	1100	ug/Kg	04/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	2500	1000	ug/Kg	04/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	2500	1200	ug/Kg	04/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	2500	1100	ug/Kg	04/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	2500	1100	ug/Kg	04/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	2500	2000	ug/Kg	04/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	2500	1100	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND	2500	1300	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND	2500	880	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND	18000	2500	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	2500	1400	ug/Kg	04/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	2500	1100	ug/Kg	04/04/14	DD	SW 8270	
2-Chloronaphthalene	ND	2500	1000	ug/Kg	04/04/14	DD	SW 8270	
2-Chlorophenol	ND	2500	1000	ug/Kg	04/04/14	DD	SW 8270	
2-Methylnaphthalene	ND	2500	1100	ug/Kg	04/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	2500	1700	ug/Kg	04/04/14	DD	SW 8270	
2-Nitroaniline	ND	18000	3600	ug/Kg	04/04/14	DD	SW 8270	
2-Nitrophenol	ND	2500	2300	ug/Kg	04/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	2500	1400	ug/Kg	04/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	7100	1700	ug/Kg	04/04/14	DD	SW 8270	
3-Nitroaniline	ND	18000	7700	ug/Kg	04/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	18000	3800	ug/Kg	04/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	2500	1000	ug/Kg	04/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	2500	1300	ug/Kg	04/04/14	DD	SW 8270	
4-Chloroaniline	ND	7100	1700	ug/Kg	04/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	2500	1200	ug/Kg	04/04/14	DD	SW 8270	

Project ID: 171 BAYARD STREET
Client ID: B5 0-2

Phoenix I.D.: BG27171

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND		18000	1200	ug/Kg	04/04/14	DD	SW 8270	
4-Nitrophenol	ND		18000	1600	ug/Kg	04/04/14	DD	SW 8270	
Acenaphthene	1100	J	2500	1100	ug/Kg	04/04/14	DD	SW 8270	
Acenaphthylene	ND		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
Acetophenone	ND		2500	1100	ug/Kg	04/04/14	DD	SW 8270	
Aniline	ND		18000	7200	ug/Kg	04/04/14	DD	SW 8270	
Anthracene	2700		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Benz(a)anthracene	9600		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Benzidine	ND		7100	2100	ug/Kg	04/04/14	DD	SW 8270	
Benzo(a)pyrene	8200		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Benzo(b)fluoranthene	10000		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Benzo(ghi)perylene	4900		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Benzo(k)fluoranthene	3100		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Benzoic acid	ND		18000	7100	ug/Kg	04/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		2500	920	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		2500	980	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		2500	960	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		2500	990	ug/Kg	04/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
Carbazole	ND		18000	2700	ug/Kg	04/04/14	DD	SW 8270	
Chrysene	10000		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Dibenzofuran	ND		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
Diethyl phthalate	ND		2500	1100	ug/Kg	04/04/14	DD	SW 8270	
Dimethylphthalate	ND		2500	1100	ug/Kg	04/04/14	DD	SW 8270	
Di-n-butylphthalate	ND		2500	950	ug/Kg	04/04/14	DD	SW 8270	
Di-n-octylphthalate	ND		2500	920	ug/Kg	04/04/14	DD	SW 8270	
Fluoranthene	19000		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Fluorene	ND		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorobenzene	ND		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorobutadiene	ND		2500	1300	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		2500	1100	ug/Kg	04/04/14	DD	SW 8270	
Hexachloroethane	ND		2500	1100	ug/Kg	04/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	4500		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Isophorone	ND		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
Naphthalene	ND		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
Nitrobenzene	ND		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		2500	1400	ug/Kg	04/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND		2500	1300	ug/Kg	04/04/14	DD	SW 8270	
Pentachlorophenol	ND		2500	1300	ug/Kg	04/04/14	DD	SW 8270	
Phenanthrene	15000		2500	1000	ug/Kg	04/04/14	DD	SW 8270	
Phenol	ND		2500	1100	ug/Kg	04/04/14	DD	SW 8270	
Pyrene	18000		2500	1200	ug/Kg	04/04/14	DD	SW 8270	
Pyridine	ND		2500	880	ug/Kg	04/04/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	*Diluted Out				%	04/04/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	*Diluted Out				%	04/04/14	DD	30 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	*Diluted Out			%	04/04/14	DD	30 - 130 %
% Nitrobenzene-d5	*Diluted Out			%	04/04/14	DD	30 - 130 %
% Phenol-d5	*Diluted Out			%	04/04/14	DD	30 - 130 %
% Terphenyl-d14	*Diluted Out			%	04/04/14	DD	30 - 130 %

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

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.

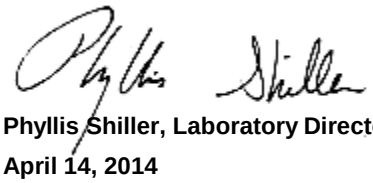
Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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 pesticide analysis.

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

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



Phyllis Shiller, Laboratory Director
April 14, 2014
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

April 14, 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:		04/03/14	0:00
Location Code:	EBC	Received by:	SW	04/03/14	15:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG27169
Phoenix ID: BG27172

Project ID: 171 BAYARD STREET
Client ID: B5 11-13

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	0.24	mg/Kg	04/05/14	LK	SW6010
Aluminum	5640	40	8.0	mg/Kg	04/05/14	LK	SW6010
Arsenic	1.8	0.8	0.80	mg/Kg	04/05/14	LK	SW6010
Barium	34.7	0.8	0.16	mg/Kg	04/05/14	LK	SW6010
Beryllium	0.39	0.32	0.16	mg/Kg	04/05/14	LK	SW6010
Calcium	596	4.0	3.7	mg/Kg	04/05/14	LK	SW6010
Cadmium	< 0.40	0.40	0.16	mg/Kg	04/05/14	LK	SW6010
Cobalt	7.13	0.40	0.16	mg/Kg	04/05/14	LK	SW6010
Chromium	19.3	0.40	0.16	mg/Kg	04/05/14	LK	SW6010
Copper	12.3	0.40	0.32	mg/kg	04/05/14	LK	SW6010
Iron	26700	40	40	mg/Kg	04/05/14	LK	SW6010
Mercury	< 0.10	0.10	0.06	mg/Kg	04/04/14	RS	SW-7471
Potassium	1140	8	3.1	mg/Kg	04/05/14	LK	SW6010
Magnesium	1630	4.0	0.24	mg/Kg	04/05/14	LK	SW6010
Manganese	515	4.0	1.6	mg/Kg	04/05/14	LK	SW6010
Sodium	224	8	3.4	mg/Kg	04/05/14	LK	SW6010
Nickel	10.8	0.40	0.16	mg/Kg	04/05/14	LK	SW6010
Lead	7.6	0.8	0.24	mg/Kg	04/05/14	LK	SW6010
Antimony	< 3.0	3.0	0.80	mg/Kg	04/05/14	LK	SW6010
Selenium	< 1.6	1.6	1.4	mg/Kg	04/05/14	LK	SW6010
Thallium	< 1.6	1.6	1.6	mg/Kg	04/05/14	LK	SW6010
Vanadium	29.1	0.4	0.16	mg/Kg	04/05/14	LK	SW6010
Zinc	32.0	0.8	0.40	mg/Kg	04/05/14	LK	SW6010
Percent Solid	76			%	04/03/14	I	E160.3
Soil Extraction for PCB	Completed				04/03/14	BB/V	SW3545
Soil Extraction for Pesticide	Completed				04/03/14	BB	SW3545
Soil Extraction for SVOA	Completed				04/03/14	JJ/FV	SW3545
Mercury Digestion	Completed				04/04/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				04/03/14	CB/AG	SW846 - 3050
Field Extraction	Completed				04/03/14		SW5035
Polychlorinated Biphenyls							
PCB-1016	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1221	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1232	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1242	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1248	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1254	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1260	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1262	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
PCB-1268	ND	44	44	ug/Kg	04/04/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	71			%	04/04/14	AW	30 - 150 %
% TCMX	65			%	04/04/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	3.1	3.1	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDE	ND	3.1	3.1	ug/Kg	04/07/14	M/K	SW8081
4,4' -DDT	ND	3.1	3.1	ug/Kg	04/07/14	M/K	SW8081
a-BHC	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
a-Chlordane	ND	4.4	4.4	ug/Kg	04/07/14	M/K	SW8081
Aldrin	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
b-BHC	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
Chlordane	ND	26	26	ug/Kg	04/07/14	M/K	SW8081
d-BHC	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
Dieldrin	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
Endosulfan I	ND	4.4	4.4	ug/Kg	04/07/14	M/K	SW8081
Endosulfan II	ND	4.4	4.4	ug/Kg	04/07/14	M/K	SW8081
Endosulfan sulfate	ND	4.4	4.4	ug/Kg	04/07/14	M/K	SW8081
Endrin	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
Endrin aldehyde	ND	4.4	4.4	ug/Kg	04/07/14	M/K	SW8081
Endrin ketone	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
g-BHC	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
g-Chlordane	ND	4.4	4.4	ug/Kg	04/07/14	M/K	SW8081
Heptachlor	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
Heptachlor epoxide	ND	2.2	2.2	ug/Kg	04/07/14	M/K	SW8081
Methoxychlor	ND	8.7	8.7	ug/Kg	04/07/14	M/K	SW8081
Toxaphene	ND	220	220	ug/Kg	04/07/14	M/K	SW8081
QA/QC Surrogates							
% DCBP	76			%	04/07/14	M/K	30 - 150 %
% TCMX	78			%	04/07/14	M/K	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	15	2.5	ug/Kg	04/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	15	3.0	ug/Kg	04/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	15	1.5	ug/Kg	04/09/14	HM	SW8260
1,1-Dichloroethane	ND	15	3.0	ug/Kg	04/09/14	HM	SW8260

Project ID: 171 BAYARD STREET
Client ID: B5 11-13

Phoenix I.D.: BG27172

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND	15	3.3	ug/Kg	04/09/14	HM	SW8260	
1,1-Dichloropropene	ND	15	2.9	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	15	3.0	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	15	3.0	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	15	4.1	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromoethane	ND	15	4.0	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	15	1.7	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloroethane	ND	15	1.3	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloropropane	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	15	2.0	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichloropropane	ND	15	1.6	ug/Kg	04/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	15	2.4	ug/Kg	04/09/14	HM	SW8260	
2,2-Dichloropropane	ND	15	2.6	ug/Kg	04/09/14	HM	SW8260	
2-Chlorotoluene	ND	15	2.4	ug/Kg	04/09/14	HM	SW8260	
2-Hexanone	ND	76	6.8	ug/Kg	04/09/14	HM	SW8260	
2-Isopropyltoluene	ND	15	2.1	ug/Kg	04/09/14	HM	SW8260	1
4-Chlorotoluene	ND	15	1.8	ug/Kg	04/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	76	3.6	ug/Kg	04/09/14	HM	SW8260	
Acetone	ND	150	15	ug/Kg	04/09/14	HM	SW8260	
Acrylonitrile	ND	30	8.5	ug/Kg	04/09/14	HM	SW8260	
Benzene	ND	15	3.0	ug/Kg	04/09/14	HM	SW8260	
Bromobenzene	ND	15	2.0	ug/Kg	04/09/14	HM	SW8260	
Bromochloromethane	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260	
Bromodichloromethane	ND	15	1.9	ug/Kg	04/09/14	HM	SW8260	
Bromoform	ND	15	2.1	ug/Kg	04/09/14	HM	SW8260	
Bromomethane	ND	15	12	ug/Kg	04/09/14	HM	SW8260	
Carbon Disulfide	ND	15	2.5	ug/Kg	04/09/14	HM	SW8260	
Carbon tetrachloride	ND	15	1.8	ug/Kg	04/09/14	HM	SW8260	
Chlorobenzene	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260	
Chloroethane	ND	15	3.6	ug/Kg	04/09/14	HM	SW8260	
Chloroform	ND	15	2.8	ug/Kg	04/09/14	HM	SW8260	
Chloromethane	ND	15	8.0	ug/Kg	04/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	15	3.3	ug/Kg	04/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	15	1.6	ug/Kg	04/09/14	HM	SW8260	
Dibromochloromethane	ND	15	1.7	ug/Kg	04/09/14	HM	SW8260	
Dibromomethane	ND	15	1.9	ug/Kg	04/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	15	4.0	ug/Kg	04/09/14	HM	SW8260	
Ethylbenzene	ND	15	2.8	ug/Kg	04/09/14	HM	SW8260	
Hexachlorobutadiene	ND	15	3.2	ug/Kg	04/09/14	HM	SW8260	
Isopropylbenzene	ND	15	2.9	ug/Kg	04/09/14	HM	SW8260	
m&p-Xylene	ND	15	6.0	ug/Kg	04/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	91	13	ug/Kg	04/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	30	4.2	ug/Kg	04/09/14	HM	SW8260	
Methylene chloride	ND	15	2.5	ug/Kg	04/09/14	HM	SW8260	
Naphthalene	ND	15	4.1	ug/Kg	04/09/14	HM	SW8260	
n-Butylbenzene	ND	15	2.8	ug/Kg	04/09/14	HM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Propylbenzene	ND	15	2.7	ug/Kg	04/09/14	HM	SW8260	
o-Xylene	ND	15	5.8	ug/Kg	04/09/14	HM	SW8260	
p-Isopropyltoluene	ND	15	2.2	ug/Kg	04/09/14	HM	SW8260	
sec-Butylbenzene	ND	15	2.9	ug/Kg	04/09/14	HM	SW8260	
Styrene	ND	15	4.4	ug/Kg	04/09/14	HM	SW8260	
tert-Butylbenzene	ND	15	2.4	ug/Kg	04/09/14	HM	SW8260	
Tetrachloroethene	ND	15	3.2	ug/Kg	04/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	30	14	ug/Kg	04/09/14	HM	SW8260	1
Toluene	ND	15	2.4	ug/Kg	04/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	15	3.0	ug/Kg	04/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	15	3.1	ug/Kg	04/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	30	28	ug/Kg	04/09/14	HM	SW8260	
Trichloroethene	ND	15	3.2	ug/Kg	04/09/14	HM	SW8260	
Trichlorofluoromethane	ND	15	3.4	ug/Kg	04/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND	15	2.4	ug/Kg	04/09/14	HM	SW8260	
Vinyl chloride	ND	15	4.9	ug/Kg	04/09/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	04/09/14	HM	70 - 130 %	
% Bromofluorobenzene	93			%	04/09/14	HM	70 - 130 %	
% Dibromofluoromethane	98			%	04/09/14	HM	70 - 130 %	
% Toluene-d8	100			%	04/09/14	HM	70 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	300	150	ug/Kg	04/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	300	240	ug/Kg	04/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND	300	150	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND	300	110	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND	2100	300	ug/Kg	04/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	300	170	ug/Kg	04/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
2-Chloronaphthalene	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
2-Chlorophenol	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
2-Methylnaphthalene	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	300	200	ug/Kg	04/04/14	DD	SW 8270	
2-Nitroaniline	ND	2100	430	ug/Kg	04/04/14	DD	SW 8270	
2-Nitrophenol	ND	300	270	ug/Kg	04/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	300	170	ug/Kg	04/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	860	200	ug/Kg	04/04/14	DD	SW 8270	
3-Nitroaniline	ND	2100	930	ug/Kg	04/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2100	460	ug/Kg	04/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	300	150	ug/Kg	04/04/14	DD	SW 8270	
4-Chloroaniline	ND	860	200	ug/Kg	04/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	2100	140	ug/Kg	04/04/14	DD	SW 8270	
4-Nitrophenol	ND	2100	190	ug/Kg	04/04/14	DD	SW 8270	
Acenaphthene	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
Acenaphthylene	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
Acetophenone	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
Aniline	ND	2100	870	ug/Kg	04/04/14	DD	SW 8270	
Anthracene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Benz(a)anthracene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Benzidine	ND	860	250	ug/Kg	04/04/14	DD	SW 8270	
Benzo(a)pyrene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	300	150	ug/Kg	04/04/14	DD	SW 8270	
Benzo(ghi)perylene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Benzoic acid	ND	2100	860	ug/Kg	04/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	300	110	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
Carbazole	ND	2100	330	ug/Kg	04/04/14	DD	SW 8270	
Chrysene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Dibenzofuran	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
Diethyl phthalate	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Dimethylphthalate	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
Di-n-butylphthalate	ND	300	110	ug/Kg	04/04/14	DD	SW 8270	
Di-n-octylphthalate	ND	300	110	ug/Kg	04/04/14	DD	SW 8270	
Fluoranthene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Fluorene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorobenzene	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorobutadiene	ND	300	160	ug/Kg	04/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
Hexachloroethane	ND	300	130	ug/Kg	04/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Isophorone	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
Naphthalene	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
Nitrobenzene	ND	300	150	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	300	160	ug/Kg	04/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND	300	160	ug/Kg	04/04/14	DD	SW 8270	
Pentachlorophenol	ND	300	160	ug/Kg	04/04/14	DD	SW 8270	
Phenanthrene	ND	300	120	ug/Kg	04/04/14	DD	SW 8270	
Phenol	ND	300	140	ug/Kg	04/04/14	DD	SW 8270	
Pyrene	ND	300	150	ug/Kg	04/04/14	DD	SW 8270	
Pyridine	ND	300	110	ug/Kg	04/04/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	78			%	04/04/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	61			%	04/04/14	DD	30 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% 2-Fluorophenol	77			%	04/04/14	DD	30 - 130 %
% Nitrobenzene-d5	57			%	04/04/14	DD	30 - 130 %
% Phenol-d5	73			%	04/04/14	DD	30 - 130 %
% Terphenyl-d14	92			%	04/04/14	DD	30 - 130 %

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

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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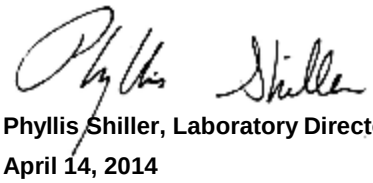

Phyllis Shiller, Laboratory Director
April 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

April 14, 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:		04/03/14	0:00
Location Code:	EBC	Received by:	SW	04/03/14	15:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG27169
Phoenix ID: BG27173

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	04/03/14		E160.3	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	04/09/14	HM	SW8260	
1,1,1-Trichloroethane	ND	250	50	ug/Kg	04/09/14	HM	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	04/09/14	HM	SW8260	
1,1,2-Trichloroethane	ND	250	25	ug/Kg	04/09/14	HM	SW8260	
1,1-Dichloroethane	ND	250	50	ug/Kg	04/09/14	HM	SW8260	
1,1-Dichloroethene	ND	250	55	ug/Kg	04/09/14	HM	SW8260	
1,1-Dichloropropene	ND	250	49	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	04/09/14	HM	SW8260	
1,2,3-Trichloropropane	ND	250	36	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	04/09/14	HM	SW8260	
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	04/09/14	HM	SW8260	
1,2-Dibromoethane	ND	250	67	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichlorobenzene	ND	250	28	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloroethane	ND	250	22	ug/Kg	04/09/14	HM	SW8260	
1,2-Dichloropropane	ND	250	36	ug/Kg	04/09/14	HM	SW8260	
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichlorobenzene	ND	250	37	ug/Kg	04/09/14	HM	SW8260	
1,3-Dichloropropane	ND	250	27	ug/Kg	04/09/14	HM	SW8260	
1,4-Dichlorobenzene	ND	250	40	ug/Kg	04/09/14	HM	SW8260	
2,2-Dichloropropane	ND	250	42	ug/Kg	04/09/14	HM	SW8260	
2-Chlorotoluene	ND	250	40	ug/Kg	04/09/14	HM	SW8260	
2-Hexanone	ND	1300	110	ug/Kg	04/09/14	HM	SW8260	
2-Isopropyltoluene	ND	250	35	ug/Kg	04/09/14	HM	SW8260	1
4-Chlorotoluene	ND	250	29	ug/Kg	04/09/14	HM	SW8260	

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BG27173

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	60	ug/Kg	04/09/14	HM	SW8260	
Acetone	ND	2500	250	ug/Kg	04/09/14	HM	SW8260	
Acrylonitrile	ND	500	140	ug/Kg	04/09/14	HM	SW8260	
Benzene	ND	250	50	ug/Kg	04/09/14	HM	SW8260	
Bromobenzene	ND	250	33	ug/Kg	04/09/14	HM	SW8260	
Bromochloromethane	ND	250	37	ug/Kg	04/09/14	HM	SW8260	
Bromodichloromethane	ND	250	31	ug/Kg	04/09/14	HM	SW8260	
Bromoform	ND	250	35	ug/Kg	04/09/14	HM	SW8260	
Bromomethane	ND	250	190	ug/Kg	04/09/14	HM	SW8260	
Carbon Disulfide	ND	250	41	ug/Kg	04/09/14	HM	SW8260	
Carbon tetrachloride	ND	250	29	ug/Kg	04/09/14	HM	SW8260	
Chlorobenzene	ND	250	37	ug/Kg	04/09/14	HM	SW8260	
Chloroethane	ND	250	59	ug/Kg	04/09/14	HM	SW8260	
Chloroform	ND	250	46	ug/Kg	04/09/14	HM	SW8260	
Chloromethane	ND	250	130	ug/Kg	04/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	250	55	ug/Kg	04/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	250	27	ug/Kg	04/09/14	HM	SW8260	
Dibromochloromethane	ND	250	28	ug/Kg	04/09/14	HM	SW8260	
Dibromomethane	ND	250	32	ug/Kg	04/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	250	67	ug/Kg	04/09/14	HM	SW8260	
Ethylbenzene	ND	250	46	ug/Kg	04/09/14	HM	SW8260	
Hexachlorobutadiene	ND	250	53	ug/Kg	04/09/14	HM	SW8260	
Isopropylbenzene	ND	250	48	ug/Kg	04/09/14	HM	SW8260	
m&p-Xylene	ND	250	99	ug/Kg	04/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	1500	220	ug/Kg	04/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	500	69	ug/Kg	04/09/14	HM	SW8260	
Methylene chloride	ND	250	41	ug/Kg	04/09/14	HM	SW8260	
Naphthalene	ND	250	67	ug/Kg	04/09/14	HM	SW8260	
n-Butylbenzene	ND	250	46	ug/Kg	04/09/14	HM	SW8260	
n-Propylbenzene	ND	250	45	ug/Kg	04/09/14	HM	SW8260	
o-Xylene	ND	250	96	ug/Kg	04/09/14	HM	SW8260	
p-Isopropyltoluene	ND	250	36	ug/Kg	04/09/14	HM	SW8260	
sec-Butylbenzene	ND	250	47	ug/Kg	04/09/14	HM	SW8260	
Styrene	ND	250	72	ug/Kg	04/09/14	HM	SW8260	
tert-Butylbenzene	ND	250	40	ug/Kg	04/09/14	HM	SW8260	
Tetrachloroethene	ND	250	53	ug/Kg	04/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	500	230	ug/Kg	04/09/14	HM	SW8260	1
Toluene	ND	250	40	ug/Kg	04/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	250	50	ug/Kg	04/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	250	51	ug/Kg	04/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	500	460	ug/Kg	04/09/14	HM	SW8260	
Trichloroethene	ND	250	53	ug/Kg	04/09/14	HM	SW8260	
Trichlorofluoromethane	ND	250	56	ug/Kg	04/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND	250	39	ug/Kg	04/09/14	HM	SW8260	
Vinyl chloride	ND	250	81	ug/Kg	04/09/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	04/09/14	HM	70 - 130 %	
% Bromofluorobenzene	95			%	04/09/14	HM	70 - 130 %	
% Dibromofluoromethane	97			%	04/09/14	HM	70 - 130 %	

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BG27173

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	101			%	04/09/14	HM	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of 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.

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
April 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab 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

April 14, 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:		04/03/14	0:00
Location Code:	EBC	Received by:	SW	04/03/14	15:47
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG27169
Phoenix ID: BG27174

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%	04/03/14		E160.3
Field Extraction	Completed				04/03/14		SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	04/09/14	HM	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	04/09/14	HM	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	04/09/14	HM	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	04/09/14	HM	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	04/09/14	HM	SW8260
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	04/09/14	HM	SW8260
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	04/09/14	HM	SW8260
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	04/09/14	HM	SW8260
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	04/09/14	HM	SW8260
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	04/09/14	HM	SW8260
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	04/09/14	HM	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	04/09/14	HM	SW8260
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	04/09/14	HM	SW8260
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	04/09/14	HM	SW8260
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	04/09/14	HM	SW8260
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	04/09/14	HM	SW8260
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	04/09/14	HM	SW8260
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	04/09/14	HM	SW8260
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	04/09/14	HM	SW8260
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	04/09/14	HM	SW8260
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	04/09/14	HM	SW8260
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	04/09/14	HM	SW8260
2-Hexanone	ND	25	2.3	ug/Kg	04/09/14	HM	SW8260
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	04/09/14	HM	SW8260 1

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK LOW

Phoenix I.D.: BG27174

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND	5.0	0.58	ug/Kg	04/09/14	HM	SW8260	
4-Methyl-2-pentanone	ND	25	1.2	ug/Kg	04/09/14	HM	SW8260	
Acetone	57	50	5.0	ug/Kg	04/09/14	HM	SW8260	
Acrylonitrile	ND	10	2.8	ug/Kg	04/09/14	HM	SW8260	
Benzene	ND	5.0	0.99	ug/Kg	04/09/14	HM	SW8260	
Bromobenzene	ND	5.0	0.65	ug/Kg	04/09/14	HM	SW8260	
Bromochloromethane	ND	5.0	0.73	ug/Kg	04/09/14	HM	SW8260	
Bromodichloromethane	ND	5.0	0.62	ug/Kg	04/09/14	HM	SW8260	
Bromoform	ND	5.0	0.70	ug/Kg	04/09/14	HM	SW8260	
Bromomethane	ND	5.0	3.9	ug/Kg	04/09/14	HM	SW8260	
Carbon Disulfide	ND	5.0	0.81	ug/Kg	04/09/14	HM	SW8260	
Carbon tetrachloride	ND	5.0	0.58	ug/Kg	04/09/14	HM	SW8260	
Chlorobenzene	ND	5.0	0.74	ug/Kg	04/09/14	HM	SW8260	
Chloroethane	ND	5.0	1.2	ug/Kg	04/09/14	HM	SW8260	
Chloroform	ND	5.0	0.91	ug/Kg	04/09/14	HM	SW8260	
Chloromethane	ND	5.0	2.6	ug/Kg	04/09/14	HM	SW8260	
cis-1,2-Dichloroethene	ND	5.0	1.1	ug/Kg	04/09/14	HM	SW8260	
cis-1,3-Dichloropropene	ND	5.0	0.54	ug/Kg	04/09/14	HM	SW8260	
Dibromochloromethane	ND	5.0	0.56	ug/Kg	04/09/14	HM	SW8260	
Dibromomethane	ND	5.0	0.63	ug/Kg	04/09/14	HM	SW8260	
Dichlorodifluoromethane	ND	5.0	1.3	ug/Kg	04/09/14	HM	SW8260	
Ethylbenzene	ND	5.0	0.91	ug/Kg	04/09/14	HM	SW8260	
Hexachlorobutadiene	ND	5.0	1.1	ug/Kg	04/09/14	HM	SW8260	
Isopropylbenzene	ND	5.0	0.96	ug/Kg	04/09/14	HM	SW8260	
m&p-Xylene	ND	5.0	2.0	ug/Kg	04/09/14	HM	SW8260	
Methyl Ethyl Ketone	ND	30	4.3	ug/Kg	04/09/14	HM	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	1.4	ug/Kg	04/09/14	HM	SW8260	
Methylene chloride	ND	5.0	0.82	ug/Kg	04/09/14	HM	SW8260	
Naphthalene	ND	5.0	1.3	ug/Kg	04/09/14	HM	SW8260	
n-Butylbenzene	ND	5.0	0.91	ug/Kg	04/09/14	HM	SW8260	
n-Propylbenzene	ND	5.0	0.90	ug/Kg	04/09/14	HM	SW8260	
o-Xylene	ND	5.0	1.9	ug/Kg	04/09/14	HM	SW8260	
p-Isopropyltoluene	ND	5.0	0.72	ug/Kg	04/09/14	HM	SW8260	
sec-Butylbenzene	ND	5.0	0.94	ug/Kg	04/09/14	HM	SW8260	
Styrene	ND	5.0	1.4	ug/Kg	04/09/14	HM	SW8260	
tert-Butylbenzene	ND	5.0	0.80	ug/Kg	04/09/14	HM	SW8260	
Tetrachloroethene	ND	5.0	1.1	ug/Kg	04/09/14	HM	SW8260	
Tetrahydrofuran (THF)	ND	10	4.5	ug/Kg	04/09/14	HM	SW8260	1
Toluene	ND	5.0	0.79	ug/Kg	04/09/14	HM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	1.0	ug/Kg	04/09/14	HM	SW8260	
trans-1,3-Dichloropropene	ND	5.0	1.0	ug/Kg	04/09/14	HM	SW8260	
trans-1,4-dichloro-2-butene	ND	10	9.3	ug/Kg	04/09/14	HM	SW8260	
Trichloroethene	ND	5.0	1.1	ug/Kg	04/09/14	HM	SW8260	
Trichlorofluoromethane	ND	5.0	1.1	ug/Kg	04/09/14	HM	SW8260	
Trichlorotrifluoroethane	ND	5.0	0.78	ug/Kg	04/09/14	HM	SW8260	
Vinyl chloride	ND	5.0	1.6	ug/Kg	04/09/14	HM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	105			%	04/09/14	HM	70 - 130 %	
% Bromofluorobenzene	92			%	04/09/14	HM	70 - 130 %	

Project ID: 171 BAYARD STREET
Client ID: TRIP BLANK LOW

Phoenix I.D.: BG27174

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	95			%	04/09/14	HM	70 - 130 %
% Toluene-d8	98			%	04/09/14	HM	70 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of 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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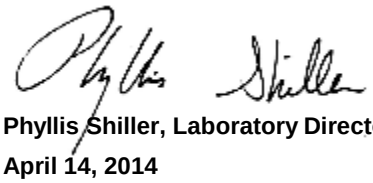

Phyllis Shiller, Laboratory Director
April 14, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

QA/QC Report

April 14, 2014

QA/QC Data

SDG I.D.: GBG27169

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 270582, QC Sample No: BG27151 (BG27169, BG27170, BG27171, BG27172)													
Mercury - Soil	BRL	0.45	0.27	NC	97.3	100	2.7	103	64.5	46.0	70 - 130	30	m,r
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 270539, QC Sample No: BG27169 (BG27169, BG27170, BG27171, BG27172)													
ICP Metals - Soil													
Aluminum	BRL	5750	6410	10.9	99.1	100	0.9	NC	NC	NC	75 - 125	30	
Antimony	BRL	<1.9	<3.7	NC	117	116	0.9	86.6	90.6	4.5	75 - 125	30	
Arsenic	BRL	<0.8	<0.74	NC	92.4	93.6	1.3	83.0	86.9	4.6	75 - 125	30	
Barium	BRL	44.3	46.4	4.60	104	106	1.9	92.7	99.6	7.2	75 - 125	30	
Beryllium	BRL	0.34	0.34	NC	98.7	101	2.3	90.5	95.1	5.0	75 - 125	30	
Cadmium	BRL	<0.38	<0.37	NC	87.8	91.8	4.5	82.1	86.4	5.1	75 - 125	30	
Calcium	BRL	3770	3620	4.10	94.1	106	11.9	NC	NC	NC	75 - 125	30	
Chromium	BRL	18.1	19.2	5.90	95.8	98.4	2.7	88.4	94.4	6.6	75 - 125	30	
Cobalt	BRL	4.90	5.31	8.00	99.5	99.9	0.4	89.5	94.1	5.0	75 - 125	30	
Copper	BRL	14.3	14.3	0	97.6	100	2.4	96.6	100	3.5	75 - 125	30	
Iron	BRL	22600	23900	5.60	103	101	2.0	NC	NC	NC	75 - 125	30	
Lead	BRL	23.2	22.0	5.30	93.5	93.1	0.4	85.6	87.2	1.9	75 - 125	30	
Magnesium	BRL	2120	2390	12.0	94.7	96.5	1.9	NC	NC	NC	75 - 125	30	
Manganese	BRL	366	398	8.40	101	99.9	1.1	106	109	2.8	75 - 125	30	
Nickel	BRL	10.4	10.8	3.80	94.1	95.3	1.3	86.0	91.3	6.0	75 - 125	30	
Potassium	BRL	1640	1810	9.90	109	110	0.9	114	>130	NC	75 - 125	30	m
Selenium	BRL	<1.5	<1.5	NC	84.1	84.8	0.8	91.9	76.3	18.5	75 - 125	30	
Silver	BRL	<0.38	<0.37	NC	94.8	96.0	1.3	88.9	93.1	4.6	75 - 125	30	
Sodium	BRL	152	159	4.50	115	115	0.0	127	127	0.0	75 - 125	30	m
Thallium	BRL	<1.5	<3.4	NC	96.1	96.1	0.0	86.0	90.4	5.0	75 - 125	30	
Vanadium	BRL	28.2	30.7	8.50	97.3	98.4	1.1	90.3	96.1	6.2	75 - 125	30	
Zinc	BRL	44.5	47.6	6.70	93.2	93.4	0.2	88.5	92.3	4.2	75 - 125	30	

m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

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

NY # 11301

QA/QC Report

April 14, 2014

QA/QC Data

SDG I.D.: GBG27169

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 270552, QC Sample No: BG27169 (BG27169, BG27170, BG27171, BG27172)										
Pesticides - Soil										
4,4' -DDD	ND	>140	135	NC	>140	>140	NC	40 - 140	30	l,m
4,4' -DDE	ND	106	99	6.8	103	102	1.0	40 - 140	30	
4,4' -DDT	ND	123	110	11.2	120	120	0.0	40 - 140	30	
a-BHC	ND	99	91	8.4	99	96	3.1	40 - 140	30	
a-Chlordane	ND	99	94	5.2	96	95	1.0	40 - 140	30	
Aldrin	ND	96	91	5.3	92	93	1.1	40 - 140	30	
b-BHC	ND	100	94	6.2	103	99	4.0	40 - 140	30	
Chlordane	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
d-BHC	ND	86	78	9.8	85	79	7.3	40 - 140	30	
Dieldrin	ND	104	95	9.0	105	102	2.9	40 - 140	30	
Endosulfan I	ND	103	93	10.2	94	87	7.7	40 - 140	30	
Endosulfan II	ND	83	69	18.4	103	96	7.0	40 - 140	30	
Endosulfan sulfate	ND	81	76	6.4	93	91	2.2	40 - 140	30	
Endrin	ND	109	104	4.7	112	109	2.7	40 - 140	30	
Endrin aldehyde	ND	94	77	19.9	104	98	5.9	40 - 140	30	
Endrin ketone	ND	128	119	7.3	137	125	9.2	40 - 140	30	
g-BHC	ND	104	91	13.3	106	101	4.8	40 - 140	30	
g-Chlordane	ND	101	94	7.2	99	99	0.0	40 - 140	30	
Heptachlor	ND	100	93	7.3	97	97	0.0	40 - 140	30	
Heptachlor epoxide	ND	104	96	8.0	103	100	3.0	40 - 140	30	
Methoxychlor	ND	>140	>140	NC	>140	>140	NC	40 - 140	30	l,m
Toxaphene	ND	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	115	122	115	5.9	106	99	6.8	30 - 150	30	
% TCMX	87	91	85	6.8	88	85	3.5	30 - 150	30	

Comment:

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

QA/QC Batch 270537, QC Sample No: BG27169 (BG27169, BG27170, BG27171, BG27172)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	101	100	1.0	101	98	3.0	40 - 140	30	
PCB-1221	ND							40 - 140	30	
PCB-1232	ND							40 - 140	30	
PCB-1242	ND							40 - 140	30	
PCB-1248	ND							40 - 140	30	
PCB-1254	ND							40 - 140	30	
PCB-1260	ND	104	103	1.0	104	101	2.9	40 - 140	30	
PCB-1262	ND							40 - 140	30	
PCB-1268	ND							40 - 140	30	
% DCBP (Surrogate Rec)	75	91	89	2.2	89	86	3.4	30 - 150	30	
% TCMX (Surrogate Rec)	78	100	95	5.1	98	94	4.2	30 - 150	30	

QA/QC Data

SDG I.D.: GBG27169

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 270550, QC Sample No: BG27169 (BG27169, BG27170, BG27171, BG27172)										
Semivolatiles - Soil										
1,2,4,5-Tetrachlorobenzene	ND	69	72	4.3	71	78	9.4	30 - 130	30	
1,2,4-Trichlorobenzene	ND	69	74	7.0	72	81	11.8	30 - 130	30	
1,2-Dichlorobenzene	ND	66	71	7.3	67	76	12.6	30 - 130	30	
1,2-Diphenylhydrazine	ND	70	75	6.9	74	84	12.7	30 - 130	30	
1,3-Dichlorobenzene	ND	67	71	5.8	68	76	11.1	30 - 130	30	
1,4-Dichlorobenzene	ND	67	70	4.4	68	75	9.8	30 - 130	30	
2,4,5-Trichlorophenol	ND	71	79	10.7	82	91	10.4	30 - 130	30	
2,4,6-Trichlorophenol	ND	70	79	12.1	86	90	4.5	30 - 130	30	
2,4-Dichlorophenol	ND	72	77	6.7	76	84	10.0	30 - 130	30	
2,4-Dimethylphenol	ND	45	48	6.5	44	52	16.7	30 - 130	30	
2,4-Dinitrophenol	ND	<10	10	NC	<5	<5	NC	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	73	79	7.9	77	88	13.3	30 - 130	30	
2,6-Dinitrotoluene	ND	74	78	5.3	78	88	12.0	30 - 130	30	
2-Chloronaphthalene	ND	75	81	7.7	80	91	12.9	30 - 130	30	
2-Chlorophenol	ND	69	73	5.6	72	79	9.3	30 - 130	30	
2-Methylnaphthalene	ND	72	75	4.1	74	82	10.3	30 - 130	30	
2-Methylphenol (o-cresol)	ND	63	67	6.2	63	71	11.9	30 - 130	30	
2-Nitroaniline	ND	102	108	5.7	109	132	19.1	30 - 130	30	m
2-Nitrophenol	ND	63	76	18.7	77	84	8.7	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	67	70	4.4	66	74	11.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	100	98	2.0	84	99	16.4	30 - 130	30	
3-Nitroaniline	ND	86	93	7.8	89	103	14.6	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	18	62	110.0	16	19	17.1	30 - 130	30	l,m,r
4-Bromophenyl phenyl ether	ND	74	78	5.3	75	81	7.7	30 - 130	30	
4-Chloro-3-methylphenol	ND	75	76	1.3	75	82	8.9	30 - 130	30	
4-Chloroaniline	ND	66	69	4.4	65	72	10.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	74	78	5.3	77	87	12.2	30 - 130	30	
4-Nitroaniline	ND	77	81	5.1	82	92	11.5	30 - 130	30	
4-Nitrophenol	ND	66	79	17.9	64	76	17.1	30 - 130	30	
Acenaphthene	ND	69	74	7.0	74	84	12.7	30 - 130	30	
Acenaphthylene	ND	71	76	6.8	75	85	12.5	30 - 130	30	
Acetophenone	ND	70	73	4.2	71	78	9.4	30 - 130	30	
Aniline	ND	74	76	2.7	68	79	15.0	30 - 130	30	
Anthracene	ND	73	78	6.6	78	90	14.3	30 - 130	30	
Benz(a)anthracene	ND	74	78	5.3	80	92	14.0	30 - 130	30	
Benzidine	ND	>200	>200	NC	NC	NC	NC	30 - 130	30	l
Benzo(a)pyrene	ND	67	72	7.2	71	83	15.6	30 - 130	30	
Benzo(b)fluoranthene	ND	77	82	6.3	82	95	14.7	30 - 130	30	
Benzo(ghi)perylene	ND	70	72	2.8	77	91	16.7	30 - 130	30	
Benzo(k)fluoranthene	ND	77	83	7.5	78	91	15.4	30 - 130	30	
Benzyl butyl phthalate	ND	73	78	6.6	80	99	21.2	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	70	75	6.9	73	82	11.6	30 - 130	30	
Bis(2-chloroethyl)ether	ND	64	68	6.1	66	73	10.1	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	67	72	7.2	70	77	9.5	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	77	81	5.1	81	93	13.8	30 - 130	30	
Carbazole	ND	98	104	5.9	112	142	23.6	30 - 130	30	m
Chrysene	ND	72	77	6.7	76	87	13.5	30 - 130	30	
Dibenz(a,h)anthracene	ND	73	75	2.7	79	93	16.3	30 - 130	30	
Dibenzofuran	ND	72	77	6.7	76	87	13.5	30 - 130	30	
Diethyl phthalate	ND	74	79	6.5	78	88	12.0	30 - 130	30	

QA/QC Data

SDG I.D.: GBG27169

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dimethylphthalate	ND	73	78	6.6	77	87	12.2	30 - 130	30	
Di-n-butylphthalate	ND	81	84	3.6	91	118	25.8	30 - 130	30	
Di-n-octylphthalate	ND	68	71	4.3	63	70	10.5	30 - 130	30	
Fluoranthene	ND	87	97	10.9	106	141	28.3	30 - 130	30	m
Fluorene	ND	73	79	7.9	77	88	13.3	30 - 130	30	
Hexachlorobenzene	ND	73	77	5.3	76	83	8.8	30 - 130	30	
Hexachlorobutadiene	ND	70	74	5.6	74	81	9.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	50	54	7.7	51	54	5.7	30 - 130	30	
Hexachloroethane	ND	67	71	5.8	67	74	9.9	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	72	75	4.1	79	93	16.3	30 - 130	30	
Isophorone	ND	75	80	6.5	79	87	9.6	30 - 130	30	
Naphthalene	ND	70	75	6.9	73	81	10.4	30 - 130	30	
Nitrobenzene	ND	68	72	5.7	69	75	8.3	30 - 130	30	
N-Nitrosodimethylamine	ND	64	69	7.5	67	72	7.2	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	67	72	7.2	69	76	9.7	30 - 130	30	
N-Nitrosodiphenylamine	ND	77	82	6.3	81	91	11.6	30 - 130	30	
Pentachloronitrobenzene	ND	78	80	2.5	82	96	15.7	30 - 130	30	
Pentachlorophenol	ND	37	67	57.7	79	83	4.9	30 - 130	30	r
Phenanthrene	ND	73	78	6.6	81	93	13.8	30 - 130	30	
Phenol	ND	71	75	5.5	72	81	11.8	30 - 130	30	
Pyrene	ND	91	102	11.4	112	NC	NC	30 - 130	30	
Pyridine	ND	61	68	10.9	61	66	7.9	30 - 130	30	
% 2,4,6-Tribromophenol	76	70	72	2.8	72	81	11.8	30 - 130	30	
% 2-Fluorobiphenyl	58	56	58	3.5	57	67	16.1	30 - 130	30	
% 2-Fluorophenol	74	66	68	3.0	65	75	14.3	30 - 130	30	
% Nitrobenzene-d5	57	53	54	1.9	51	59	14.5	30 - 130	30	
% Phenol-d5	74	67	67	0.0	65	74	12.9	30 - 130	30	
% Terphenyl-d14	67	81	88	8.3	88	118	29.1	30 - 130	30	

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 271177, QC Sample No: BG27172 (BG27169, BG27170 (45X) , BG27171 (45, 1X) , BG27172 (50, 1X) , BG27173 (50X) , BG27174)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	100	101	1.0	99	99	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	103	98	5.0	93	94	1.1	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	92	94	2.2	100	105	4.9	70 - 130	30	
1,1,2-Trichloroethane	ND	97	101	4.0	106	99	6.8	70 - 130	30	
1,1-Dichloroethane	ND	101	96	5.1	100	94	6.2	70 - 130	30	
1,1-Dichloroethene	ND	97	93	4.2	107	98	8.8	70 - 130	30	
1,1-Dichloropropene	ND	98	99	1.0	103	105	1.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	100	99	1.0	104	111	6.5	70 - 130	30	
1,2,3-Trichloropropane	ND	100	100	0.0	101	104	2.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	97	97	0.0	109	112	2.7	70 - 130	30	
1,2,4-Trimethylbenzene	ND	106	104	1.9	105	106	0.9	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	96	98	2.1	102	105	2.9	70 - 130	30	
1,2-Dibromoethane	ND	99	100	1.0	106	102	3.8	70 - 130	30	
1,2-Dichlorobenzene	ND	96	97	1.0	106	105	0.9	70 - 130	30	
1,2-Dichloroethane	ND	102	103	1.0	94	95	1.1	70 - 130	30	
1,2-Dichloropropane	ND	99	101	2.0	106	105	0.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	103	99	4.0	107	108	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	100	97	3.0	108	108	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBG27169

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3-Dichloropropane	ND	97	103	6.0	104	103	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	99	95	4.1	106	108	1.9	70 - 130	30	
2,2-Dichloropropane	ND	99	98	1.0	92	90	2.2	70 - 130	30	
2-Chlorotoluene	ND	98	100	2.0	110	109	0.9	70 - 130	30	
2-Hexanone	ND	128	131	2.3	93	94	1.1	70 - 130	30	l
2-Isopropyltoluene	ND	105	102	2.9	107	108	0.9	70 - 130	30	
4-Chlorotoluene	ND	101	98	3.0	106	109	2.8	70 - 130	30	
4-Methyl-2-pentanone	ND	134	136	1.5	105	101	3.9	70 - 130	30	l
Acetone	ND	94	96	2.1	53	58	9.0	70 - 130	30	m
Acrylonitrile	ND	96	98	2.1	99	99	0.0	70 - 130	30	
Benzene	ND	99	98	1.0	111	106	4.6	70 - 130	30	
Bromobenzene	ND	97	98	1.0	105	108	2.8	70 - 130	30	
Bromochloromethane	ND	97	95	2.1	100	104	3.9	70 - 130	30	
Bromodichloromethane	ND	95	96	1.0	95	96	1.0	70 - 130	30	
Bromoform	ND	101	101	0.0	99	98	1.0	70 - 130	30	
Bromomethane	ND	102	101	1.0	71	79	10.7	70 - 130	30	
Carbon Disulfide	ND	97	95	2.1	96	91	5.3	70 - 130	30	
Carbon tetrachloride	ND	102	98	4.0	91	92	1.1	70 - 130	30	
Chlorobenzene	ND	97	100	3.0	105	103	1.9	70 - 130	30	
Chloroethane	ND	104	97	7.0	75	77	2.6	70 - 130	30	
Chloroform	ND	101	95	6.1	97	95	2.1	70 - 130	30	
Chloromethane	ND	101	105	3.9	90	95	5.4	70 - 130	30	
cis-1,2-Dichloroethene	ND	101	99	2.0	105	106	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	103	101	2.0	107	108	0.9	70 - 130	30	
Dibromochloromethane	ND	99	100	1.0	98	98	0.0	70 - 130	30	
Dibromomethane	ND	98	99	1.0	103	98	5.0	70 - 130	30	
Dichlorodifluoromethane	ND	111	105	5.6	84	90	6.9	70 - 130	30	
Ethylbenzene	ND	99	97	2.0	104	104	0.0	70 - 130	30	
Hexachlorobutadiene	ND	97	92	5.3	106	105	0.9	70 - 130	30	
Isopropylbenzene	ND	104	103	1.0	114	114	0.0	70 - 130	30	
m&p-Xylene	ND	102	99	3.0	110	108	1.8	70 - 130	30	
Methyl ethyl ketone	ND	118	123	4.1	86	86	0.0	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	98	97	1.0	102	98	4.0	70 - 130	30	
Methylene chloride	ND	90	86	4.5	100	92	8.3	70 - 130	30	
Naphthalene	ND	101	105	3.9	107	109	1.9	70 - 130	30	
n-Butylbenzene	ND	106	99	6.8	110	111	0.9	70 - 130	30	
n-Propylbenzene	ND	105	102	2.9	108	109	0.9	70 - 130	30	
o-Xylene	ND	98	100	2.0	109	109	0.0	70 - 130	30	
p-Isopropyltoluene	ND	105	100	4.9	111	112	0.9	70 - 130	30	
sec-Butylbenzene	ND	99	94	5.2	109	109	0.0	70 - 130	30	
Styrene	ND	100	98	2.0	109	108	0.9	70 - 130	30	
tert-Butylbenzene	ND	103	100	3.0	106	107	0.9	70 - 130	30	
Tetrachloroethene	ND	100	98	2.0	106	105	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	102	101	1.0	104	101	2.9	70 - 130	30	
Toluene	ND	101	100	1.0	104	105	1.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	96	90	6.5	101	99	2.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	103	103	0.0	105	105	0.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	104	103	1.0	102	104	1.9	70 - 130	30	
Trichloroethene	ND	101	100	1.0	108	105	2.8	70 - 130	30	
Trichlorofluoromethane	ND	98	95	3.1	56	56	0.0	70 - 130	30	m
Trichlorotrifluoroethane	ND	105	97	7.9	110	103	6.6	70 - 130	30	
Vinyl chloride	ND	99	98	1.0	91	97	6.4	70 - 130	30	
% 1,2-dichlorobenzene-d4	103	99	99	0.0	98	102	4.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBG27169

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	98	100	101	1.0	99	97	2.0	70 - 130	30
% Dibromofluoromethane	93	106	105	0.9	97	99	2.0	70 - 130	30
% Toluene-d8	100	99	98	1.0	99	98	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD 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.
r = This parameter is outside laboratory rpd specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
April 14, 2014

Sample Criteria Exceedences Report

GBG27169 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG27169	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	100	50	50	ug/Kg
BG27170	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	300	210	210	ug/Kg
BG27170	$8260MADPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	300	20	20	ug/Kg
BG27170	$8260MADPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	300	190	190	ug/Kg
BG27170	$8260MADPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	300	50	50	ug/Kg
BG27170	$8260MADPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1800	120	120	ug/Kg
BG27170	$8260MADPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	300	60	60	ug/Kg
BG27170	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3000	50	50	ug/Kg
BG27170	$8260MADPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	300	20	20	ug/Kg
BG27170	$8260MADPR	1,2,4-Trimethylbenzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5000	300	3600	3600	ug/Kg
BG27170	$8260MADPR	cis-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	300	250	250	ug/Kg
BG27170	$8260MADPR	1,1-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	300	270	270	ug/Kg
BG27170	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	330	330	ug/Kg
BG27170	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	330	330	ug/Kg
BG27170	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	5700	2400	2400	ug/Kg
BG27170	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	800	800	ug/Kg
BG27170	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5700	3900	3900	ug/Kg
BG27170	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5700	3900	3900	ug/Kg
BG27170	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	800	800	ug/Kg
BG27170	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	1000	1000	ug/Kg
BG27170	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	5700	500	500	ug/Kg
BG27170	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5700	500	500	ug/Kg
BG27170	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	500	500	ug/Kg
BG27170	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	5700	330	330	ug/Kg
BG27170	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	5700	330	330	ug/Kg
BG27170	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	5700	330	330	ug/Kg
BG27171	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	85	50	50	ug/Kg
BG27171	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	ug/Kg
BG27171	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	ug/Kg

Sample Criteria Exceedences Report

GBG27169 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG27171	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Residential	ND	2500	2400	2400	ug/Kg
BG27171	$8270SMRDP	Pentachlorophenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	800	800	ug/Kg
BG27171	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	9600	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	9600	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	9600	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	10000	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	2500	3900	3900	ug/Kg
BG27171	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	10000	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	10000	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	10000	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3100	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3100	2500	800	800	ug/Kg
BG27171	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	8200	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	8200	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8200	2500	1000	1000	ug/Kg
BG27171	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	4500	2500	500	500	ug/Kg
BG27171	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4500	2500	500	500	ug/Kg
BG27171	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4500	2500	500	500	ug/Kg
BG27171	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2500	330	330	ug/Kg
BG27171	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2500	330	330	ug/Kg
BG27171	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2500	330	330	ug/Kg
BG27171	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	5	5	ug/Kg
BG27171	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	26	3.3	3.3	ug/Kg
BG27171	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	5	5	ug/Kg
BG27171	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	ug/Kg
BG27171	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	26	3.3	3.3	ug/Kg
BG27171	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	26	3.3	3.3	ug/Kg
BG27171	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	747	0.7	350	350	mg/Kg
BG27171	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	747	0.7	400	400	mg/Kg
BG27171	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	747	0.7	350	350	mg/Kg
BG27171	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	43.1	0.35	30		mg/Kg
BG27171	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	75.2	0.35	50	50	mg/kg
BG27171	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.24	0.07	0.81	0.81	mg/Kg
BG27171	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.24	0.07	0.81	0.81	mg/Kg
BG27171	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.24	0.07	0.18	0.18	mg/Kg
BG27171	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	8060	71	400	400	mg/Kg
BG27171	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	8060	71	400	400	mg/Kg
BG27171	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	8060	71	63	63	mg/Kg
BG27171	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	254	7.1	109	109	mg/Kg
BG27172	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	50	50	ug/Kg

Sample Criteria Exceedences Report

GBG27169 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG27173	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BG27173	$8260-SMDPR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BG27173	$8260-SMDPR	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BG27173	$8260-SMDPR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	50	50	ug/Kg
BG27173	$8260-SMDPR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	1500	120	120	ug/Kg
BG27173	$8260-SMDPR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BG27173	$8260-SMDPR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BG27173	$8260-SMDPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2500	50	50	ug/Kg
BG27174	$8260MADPR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	57	50	50	50	ug/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

April 14, 2014

SDG I.D.: GBG27169

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

Temp Pg 1 of 1

PHOENIX
Environmental Laboratories, Inc.

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

Data Delivery:
☐ Fax #:
☑ Email:

Customer: EBC
Address: 1808 Middle Country Road, Ridge, NY 11961

Project: 171 Bayard Street
Report to:
Invoice to:

Project P.O:
Phone #: 631 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature

Date: 4-1-14

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	SVOCs	TAL Metals	Pesticides/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 [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
27169	B4 0-2	S	4.1.14		X	X	X	X			3	1							
27170	B4 11-13																		
27171	B5 0-2																		
27172	B5 11-13																		
27173	Trip Blank High										1								
27174	Trip Blank low										2								

Relinquished by:	Accepted by:	Date:	Time:
		4-3-14	12:40
		4-3-14	15:47

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