108 FROST STREET

BROOKLYN, NEW YORK 11211

Remedial Investigation Report

NYC VCP Site Number: TBD

OER Site Number: 15EHAN140K

Prepared for:

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18 Boerum Street

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Prepared by:

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REMEDIAL INVESTIGATION REPORT
TABLE OF CONTENTS

REMEDIAL INVESTIGATION REPORT
TABLE OF CONTENTS

TABLES

FIGURES

ATTACHMENTS

LIST OF ACRONYMS

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

CERTIFICATION

I, Kevin Brussee, 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 108 Frost Street, Brooklyn, NY, (NYC VCP Site No. TBD and OER project Number 15EHAZ276K). 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.

KEVIN BRUSSEE 2/11/2015

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 108 Frost Street in the Williamsburg section of Brooklyn, New York, and is currently identified as Block 2738, Lot 15 on the New York City Tax Map. Figure 1 shows the Site location. Lot 15 is a rectangular shaped lot consisting of 25 feet of street frontage on Frost Street and a depth of approximately 100 feet for a total of approximately 2,500 ft^2. The Site is located on the south side of Frost Street between Manhattan Avenue and Meeker Avenue and is bordered by Frost Street to the north, a 2-story manufacturing building to the west, two 3-story multi-family walk ups (110 and 112 Frost Street) to the east, and multiple 3-story multi-family walk ups to the south. A map of the site boundary is shown on Figure 2.

The entire footprint of Lot 15 is currently developed with a 1-story slab-on-grade commercial building used by an electrical contractor.

Summary of Proposed Redevelopment Plan

The development project consists of redeveloping the lot with a new 5-story residential apartment building with a full cellar level and a landscaped rear yard. The cellar level will consist of two open cellar areas for the 1st floor tenants, a mechanical room, stairwells, an elevator, two bathrooms, and a laundry area. The first floor consists of the residential lobby, as well as two residential apartments. Floors 2 through 5 will consist of residential apartments.

The first 65 feet of the Site will require excavation to a depth of approximately 6 feet below grade for construction of the building's cellar level. Additional excavation of the top 2 feet would be performed across the rear yard to construct a landscaped rear yard. Therefore, an estimated 425 cubic yards (640 tons) of soil will require excavation for the new building's cellar and rear yard. The water table is expected at approximately 5 feet below grade surface (bgs), and may be encountered during excavation.

Layout of the redevelopment plans for the cellar level as well as the proposed building's front elevation drawing are presented in Figure 3. The current zoning designation is R6B. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment was performed by Merritt Engineering Consultants, P.C. (Merritt) on June 30, 2004. The Phase I Report noted the following recognized environmental condition in connection with the Site:

- Sanborn maps from 1965-1996 indicate a gas tank on the Site.

Merritt recommended a Phase II Subsurface Investigation to include a ground penetrating radar (GPR) survey and soil borings to determine if any buried tanks or sub-surface contamination is present.

EBC conducted a supplemental Sanborn investigation for 108 Frost Street, utilizing Sanborn Maps from 1887 through 2007. The following Site history was established based on historic Sanborn maps:

In 1887 the Site was developed with a small dwelling in the front of the lot. The 1905 and 1916 Sanborn maps show a vacant one-story commercial building located in the rear of the lot, and the 1942 Sanborn map shows a one-story industrial building utilized as a Pickle Works facility. Sanborn maps from 1951 to 2007 label the industrial building as a garage building with an underground gasoline tank in the front of the building.

Areas of Concern (AOCs) identified for the Site include:

1. The presence of historic fill material to depths as great as 4 feet;
2. The Site was utilized as an auto repair facility from 1951 to at least 2007; and
3. An underground gasoline tank is drawn on Sanborn maps from 1951 to 2007.

Summary of the Work Performed under the Remedial Investigation

EBC performed the following scope of work at the Site in July of 2014:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the Site, and collected six soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site and collected three groundwater samples and one duplicate groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed three soil gas implants and collected three soil gas samples for chemical analysis.

Summary of Environmental Findings

1. The elevation of the Site is approximately 21 feet.
2. Depth to groundwater is estimated to be approximately 5 feet below sidewalk grade.
3. Groundwater flow is generally west-northwest.
4. Depth to bedrock at the Site is greater than 100 feet.
5. The stratigraphy of the Site surrounding the existing foundation slab from the surface down consists of historic fill material to depths as great as 4 feet, underlain by native brown or grey clay.
6. Soil/fill samples results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Table 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs). The sample results showed no pesticides or PCBs above detection limits. Several VOCs including acetone (maximum [max] of 21 µg/kg), methylene chloride (max. of 2.2 µg/kg), and naphthalene (780 µg/kg) were detected at trace amounts in the shallow soil samples at concentrations below Unrestricted Use SCOs. Six SVOCs, including benz(a)anthracene (max. of 15,000 µg/kg), benzo(a)pyrene (max. of 12,000 µg/kg), benzo(b)fluoranthene (max. of 15,000 µg/kg), benzo(k)fluoranthene (4,200 µg/kg), chrysene (max. of 15,000 µg/kg), and indeno(1,2,3-cd)pyrene (5,300 µg/kg), were detected above Restricted Residential Use SCOs within two of three shallow soil samples. Several metals including arsenic (max.

36 mg/kg), chromium (max. of 43.4 mg/kg), copper (max. of 111 mg/kg), lead (max. of 489 mg/kg), mercury (max. of 1.2 mg/kg), and zinc (max. of 151 mg/kg) exceeded Unrestricted Use SCOs within shallow soil samples. Of these metals, arsenic and lead also exceeded Restricted Residential Use SCOs in shallow soil samples. Overall, the soil results were consistent with data identified at sites with urban fill material in NYC.

7. Groundwater samples results were compared to NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (GQS) for Class GA (drinking water). The samples showed no PCBs or pesticides at detectable concentrations. No VOCs were detected above GQS, but the VOC acetone (max. of 2.1 µg/L) was detected at trace amounts in all three groundwater samples and the trip blank. One SVOC, benzo(a)anthracene (max. of 0.03 µg/L) was detected above the GQS in all three groundwater samples. Four SVOCs, including acenaphthylene (max. of 0.07 µg/L), benzo(a)pyrene (max. of 0.04 µg/L), bis(2-ethylhexyl)phthalate (max. of 0.05 µg/L), and pyridine (0.22 µg/L) were detected in trace amounts. Several metals were identified, but iron (max. of 2.38 mg/L), manganese (max. of 3.64 mg/L) and sodium (max. of 50.9 mg/L) exceeded their respective GQS in all three groundwater samples.
8. Soil vapor samples collected during the 2014 EBC RI were compared to the New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006) Matrix 1 and Matrix 2 values. Samples indicated petroleum-related VOCs were present at low concentrations and chlorinated VOCs present at low to moderate concentrations. The total concentration of petroleum-related VOCs (BTEX) ranged from 24.39 µg/m^3 to 57.8 µg/m^3. The chlorinated VOC, trichloroethylene (TCE) was not detected in any of the soil gas samples. Tetrachloroethylene (PCE) was detected in all three soil gas samples ranging in concentration from 1.22 µg/m^3 to 114 µg/m^3. The NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) notes monitoring is the recommended action for a PCE concentration above 100 µg/m^3 in soil gas. Carbon tetrachloride (maximum of 0.629 µg/m^3) was detected in all three of the soil gas samples and 1,1,1-trichloroethane (maximum of 46.4 µg/m^3) was detected within two of the three soil gas samples. The TCE, carbon tetrachloride and TCA concentrations are below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Joel Berkowitz has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.06-acre Site located at 108 Frost Street in the Bedford Stuyvesant section of Brooklyn, New York. The Site will be redeveloped with a 5-story residential apartment building with a full cellar level. The portion of the RI work conducted on the Site was conducted in July of 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 108 Frost Street in the Williamsburg section of Brooklyn, New York, and is currently identified as Block 2738, Lot 15 on the New York City Tax Map. Figure 1 shows the Site location. Lot 15 is a rectangular shaped lot consisting of 25 feet of street frontage on Frost Street and a depth of approximately 100 feet for a total of approximately 2,500 ft^2. The Site is located on the south side of Frost Street between Manhattan Avenue and Meeker Avenue and is bordered by Frost Street to the north, a 2-story manufacturing building to the west, two 3-story multi-family walk ups (110 and 112 Frost Street) to the east, and multiple 3-story multi-family walk ups to the south. A map of the site boundary is shown on Figure 2.

The entire footprint of Lot 15 is currently developed with a 1-story slab-on-grade commercial building used by an electrical contractor.

1.2 Proposed Redevelopment Plan

The development project consists of redeveloping the lot with a new 5-story residential apartment building with a full cellar level and a landscaped rear yard. The cellar level will consist of two open cellar areas for the 1st floor tenants, a mechanical room, stairwells, an elevator, two bathrooms, and a laundry area. The first floor consists of the residential lobby, as well as two residential apartments. Floors 2 through 5 will consist of residential apartments.

The first 65 feet of the Site will require excavation to a depth of approximately 6 feet below grade for construction of the building's cellar level. Additional excavation of the top 2 feet would be performed across the rear yard to construct a landscaped rear yard. Therefore, an estimated 425 cubic yards (640 tons) of soil will require excavation for the new building's cellar and rear yard. The water table is expected at approximately 5 feet below grade surface (bgs), and may be encountered during excavation.

Layout of the redevelopment plans for the cellar level as well as the proposed building's front elevation drawing are presented in Figure 3. The current zoning designation is R6B. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area immediately surrounding Site consists of manufacturing two-story building to the west, residential streets consisting of 3-story multi-family walk ups to the south and east, and a vacant lot north beyond Frost Street. 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, schools or daycare facilities are located within a 250 ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – Opposite side of Frost Street	Block 2733, Lot 30 – 380 Meeker Avenue A 1,913 ft^2 vacant lot.
South – Adjacent Properties	Block 2738 Lots 31, 32, and 33 – 117 through 123 Withers Street Two 2,500 ft^2 wide lots and one 5,000 ft^2 wide lot, each developed with a 3-story multi-family walk-up with rear yards behind each building.
East – Adjacent Property	Block 2738, Lot 16 – 110 Frost Street A 2,350 ft^2 lot developed with a 3-story multifamily walk up with a small front yard and the building located on the rear of the lot.
West – Adjacent Property	Block 2738, Lot 13 – 104 Frost Street A 5,000 ft^2 lot developed with a 2-story manufacturing building.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I Environmental Site Assessment was performed by Merritt Engineering Consultants, P.C. (Merritt) on June 30, 2004. The Phase I Report noted the following recognized environmental condition in connection with the Site:

- Sanborn maps from 1965-1996 indicate a gas tank on the Site.

Merritt recommended a Phase II Subsurface Investigation to include a ground penetrating radar (GPR) survey and soil borings to determine if any buried tanks or sub-surface contamination is present.

EBC conducted a supplemental Sanborn investigation for 108 Frost Street, utilizing Sanborn Maps from 1887 through 2007. The following Site history was established based on historic Sanborn maps:

In 1887 the Site was developed with a small dwelling in the front of the lot. The 1905 and 1916 Sanborn maps show a vacant one-story commercial building located in the rear of the lot, and the 1942 Sanborn map shows a one-story industrial building utilized as a Pickle Works facility. Sanborn maps from 1951 to 2007 label the industrial building as a garage building with an underground gasoline tank in the front of the building.

2.2 Previous Investigations

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

2.3 Site Inspection

Mr. Reuben Levinton of EBC performed a site inspection on July 2 2014, beginning at approximately 7:30 am. The reconnaissance included a visual inspection of the property, the adjacent property to the west with an office building towards the front of the lot, and a paved walkway towards the residential walk up to the rear of the lot. The Site consisted of a single-story garage. No evidence of an aboveground or underground storage tank was observed during the site inspection, however there is the possibility of a gas tank on Site in the northwest corner based on information from Sanborn Maps.

2.4 Areas of Concern

Areas of Concern (AOCs) identified for the Site include:

1. The Site was occupied by an auto repair from 1951 to at least 2007.
2. A gas tank is listed as present on Site in the northwest corner from 1965 to 1996.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Kevin Brussee.

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

EBC performed the following scope of work at the Site in July of 2014:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the Site, and collected six soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site and collected three groundwater samples and one duplicate groundwater sample for chemical analysis to evaluate groundwater quality; and
4. Installed three soil gas implants and collected three soil gas samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was performed by Nova Geophysical Services on July 2, 2014. An anomaly indicative of an underground storage tank was noted in the front of the building, in the approximate area of the underground gasoline storage tank noted on historic Sanborn maps.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On July 2, 2014, three soil borings (B1 through B3) were installed in the approximate locations shown on Figure 5. The three soil boring locations were chosen to gain representative soil quality information across the Site. For each of the three soil borings, soil samples were collected continuously from grade to a final depth of 16 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 photoionization detector (PID) and visually inspected for evidence of contamination. No PID readings above background concentrations were detected. From each soil boring, soil samples were retained for laboratory analysis from the intervals 0 to 2 feet below grade and 14 to 16 feet below grade.

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

Groundwater Monitoring Well Construction

Three temporary 1-inch diameter PVC monitoring wells (MW1 through MW3) with 10 feet of 0.010 slot screen were installed by EBC at the approximate locations, shown on Figure 5, set to intersect the water table. Since groundwater was encountered at approximately 5 feet below grade, monitoring wells were installed to a depth of 15 feet. Monitoring well sampling details are provided in Table 1. Monitoring well locations are shown in Figure 5.

Survey

Soil borings, monitoring wells and soil gas sampling locations were located to the nearest 0.10 foot with respect to two or more permanent site features.

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 and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Six soil samples were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in

Tables 2, 3, 4 and 5. Figure 5 shows the location of samples collected during this RI. Laboratories and analytical methods for soil samples collected during the RI are shown below.

The six soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis with proper chain of custody to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples 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

Three groundwater samples and one duplicate sample were collected for chemical analysis during this RI. Groundwater samples were collected from the monitoring wells 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 9. Sampling logs with information on purging and sampling of groundwater monitoring wells are included in Appendix C. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Three soil vapor probes (SG1, SG2, and SG3) were installed and three soil vapor samples were collected for chemical analysis during this RI. The three soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 10, and the soil vapor sampling logs are included in Attachment D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

All three soil vapor probes were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor probes is shown on Figure 5. The vapor probes that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch

length of double woven stainless steel wire. The three soil vapor probes installed on July 2, 2014 were installed to a depth of 4 feet below grade. Each probe was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the probe to a height of approximately 1 foot above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling for the three soil vapor probes was conducted on July 9 and 14, 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 four 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 four vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 2

hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

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

Chemical Analysis

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

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

Results of Chemical Analyses

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

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site from the surface down consists of a layer of urban fill material that extends to depths as great as 4 feet below grade in some areas, underlain by a native brown or grey clay.

Hydrogeology

A table of water level data for monitoring wells MW1 through MW3 is included in Table 1. The average depth to groundwater is 5 feet and the range is depth is 4.81 feet to 6.15 feet. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 9. Groundwater flow is generally to the west-northwest.

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. Figure 6 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives.

Data collected during the RI showed no pesticides or PCBs above detection limits. Several VOCs including acetone (maximum [max] of 21 µg/kg), methylene chloride (max. of 2.2 µg/kg), and naphthalene (780 µg/kg) were detected at trace amounts in the shallow soil samples at concentrations below Unrestricted Use SCOs. Six SVOCs, including benz(a)anthracene (max. of 15,000 µg/kg), benzo(a)pyrene (max. of 12,000 µg/kg), benzo(b)fluoranthene (max. of 15,000 µg/kg), benzo(k)fluoranthene (4,200 µg/kg), chrysene (max. of 15,000 µg/kg), and indeno(1,2,3-cd)pyrene (5,300 µg/kg), were detected above Restricted Residential Use SCOs within two of three shallow soil samples. Several metals including arsenic (max. 36 mg/kg), chromium (max. of 43.4 mg/kg), copper (max. of 111 mg/kg), lead (max. of 489 mg/kg), mercury (max. of 1.2 mg/kg), and zinc (max. of 151 mg/kg) exceeded Unrestricted Use SCOs within shallow soil samples. Of these metals, arsenic and lead also exceeded Restricted Residential Use SCOs in

shallow soil samples. Overall, the soil results were consistent with data identified at sites with urban fill material in NYC.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed no PCBs or pesticides at detectable concentrations. No VOCs were detected above GQS, but the VOC acetone (max. of 2.1 µg/L) was detected at trace amounts in all three groundwater samples and the trip blank. One SVOC, benzo(a)anthracene (max. of 0.03 µg/L) was detected above the GQS in all three groundwater samples. Four SVOCs, including acenaphthylene (max. of 0.07 µg/L), benzo(a)pyrene (max. of 0.04 µg/L), bis(2-ethylhexyl)phthalate (max. of 0.05 µg/L), and pyridine (0.22 µg/L) were detected in trace amounts. Several metals were identified, but iron (max. of 2.38 mg/L), manganese (max. of 3.64 mg/L) and sodium (max. of 50.9 mg/L) exceeded their respective GQS in all three groundwater samples.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI showed petroleum-related VOCs were present at low concentrations and chlorinated VOCs present at low to moderate concentrations. The total concentration of petroleum-related VOCs (BTEX) ranged from 24.39 µg/m^3 to 57.8 µg/m^3. The chlorinated VOC, trichloroethylene (TCE) was not detected in any of the soil gas samples. Tetrachloroethylene (PCE) was detected in all three soil gas samples ranging in concentration from 1.22 µg/m^3 to 114 µg/m^3. The NYSDOH Final Guidance on Soil Vapor Intrusion (October 2006) notes monitoring is the recommended action for a PCE concentration above 100 µg/m^3 in soil gas. Carbon tetrachloride (maximum of 0.629 µg/m^3) was detected in all three of the soil gas samples and 1,1,1-trichloroethane (maximum of 46.4 µg/m^3) was detected within two of the three soil gas samples. The TCE, carbon tetrachloride and TCA concentrations are below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

5.4 Prior Activity

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

5.5 Impediments to Remedial Action

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

TABLES

Table 1
108 Frost Street
Brooklyn, New York
Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
B1	7/2/2014	16	2	Geoprobe	-	-
B2	7/2/2014	16	2	Geoprobe	-	-
B3	7/2/2014	16	2	Geoprobe	-	-
MW1	8/7/2012	15	1	PVC	10.00	6
MW2	8/7/2012	15	1	PVC	10.00	5
MW3	8/7/2012	15	1	PVC	10.00	5

TABLE 2
108 Frost 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			
			(0-2') µg/Kg		(14-16") µg/Kg		(0-2') µg/Kg		(14-16") µg/Kg		(0-2') µg/Kg		(14-16") µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,1,1-Trichloroethane	680	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,1,2,2-Tetrachloroethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,1,2-Trichloroethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,1-Dichloroethane	270	26,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,1-Dichloroethene	330	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,1-Dichloropropene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2,3-Trichlorobenzene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2,3-Trichloropropane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2,4-Trichlorobenzene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2,4-Trimethylbenzene	3,600	52,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2-Dibromo-3-chloropropane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2-Dibromomethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2-Dichlorobenzene	1,100	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2-Dichloroethane	20	3,100	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,2-Dichloropropane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,3,5-Trimethylbenzene	8,400	52,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,3-Dichlorobenzene	2,400	4,900	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,3-Dichloropropane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
1,4-Dichlorobenzene	1,800	13,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
2,2-Dichloropropane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
2-Chlorotoluene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
2-Hexanone (Methyl Butyl Ketone)			< 28	28	< 29	29	< 28	28	< 29	29	< 28	28	< 29	29
2-Isopropyltoluene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
4-Chlorotoluene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
4-Methyl-2-Pentanone			< 28	28	< 29	29	< 28	28	< 29	29	< 28	28	< 29	29
Acetone	50	100,000	**14**	50	**15**	50	**21**	50	**15**	50	**8.1**	50	**6.3**	50
Acrylonitrile			< 11	11	< 12	12	< 11	11	< 12	12	< 11	11	< 12	12
Benzene	60	4,800	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Bromobenzene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Bromochloromethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Bromodichloromethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Bromoform			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Bromomethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Carbon Disulfide			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Carbon tetrachloride	760	2,400	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Chlorobenzene	1,100	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Chloroethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Chloroform	370	49,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Chloromethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
cis-1,2-Dichloroethene	250	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
cis-1,3-Dichloropropene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Dibromochloromethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Dibromomethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Dichlorodifluoromethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Ethylbenzene	1,000	41,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Hexachlorobutadiene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Isopropylbenzene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
m&p-Xylenes	260	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 34	34	< 35	35	< 34	34	< 35	35	< 34	34	< 35	35
Methyl t-butyl ether (MTBE)	930	100,000	< 11	11	< 12	12	< 11	11	< 12	12	< 11	11	< 12	12
Methylene chloride	50	100,000	**1.3**	5.7	**1.8**	5.9	**1.2**	5.6	**2.2**	5.9	**1.4**	5.6	**1.7**	5.8
Naphthalene	12,000	100,000	< 5.7	5.7	< 5.9	5.9	**780**	280	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
n-Butylbenzene	12,000	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
n-Propylbenzene	3,900	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
o-Xylene	260	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
p-Isopropyltoluene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
sec-Butylbenzene	11,000	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Styrene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
tert-Butylbenzene	5,900	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Tetrachloroethene	1,300	19,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Tetrahydrofuran (THF)			< 11	11	< 12	12	< 11	11	< 12	12	< 11	11	< 12	12
Toluene	700	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
trans-1,2-Dichloroethene	190	100,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
trans-1,3-Dichloropropene			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
trabs-1,4-dichloro-2-butene			< 11	11	< 12	12	< 11	11	< 12	12	< 11	11	< 12	12
Trichloroethene	470	21,000	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Trichlorofluoromethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Trichlorotrifluoroethane			< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Vinyl Chloride	20	900	< 5.7	5.7	< 5.9	5.9	< 5.6	5.6	< 5.9	5.9	< 5.6	5.6	< 5.8	5.8
Total BTEX Concentration			0		0		0		0		0		0	
Total VOCs Concentration			15.3		16.8		802.2		17.2		9.5		8	

Notes:

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

RL - Reporting Limit

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

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

TABLE 3
108 Frost 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			
			(0-2') µg/Kg		(14-16') µg/Kg		(0-2') µg/Kg		(14-16') µg/Kg		(0-2') µg/Kg		(14-16') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
1,2,4-Trichlorobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
1,2-Dichlorobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
1,2-Diphenylhydrazine			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
1,3-Dichlorobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
1,4-Dichlorobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2,4,5-Trichlorophenol			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2,4,6-Trichlorophenol			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2,4-Dichlorophenol			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2,4-Dimethylphenol			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2,4-Dinitrophenol			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
2,4-Dinitrotoluene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2,6-Dinitrotoluene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2-Chloronaphthalene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2-Chlorophenol			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2-Methylnaphthalene			**150**	260	< 270	270	**1,600**	1,300	< 270	270	< 260	260	< 260	260
2-Methylphenol (o-cresol)	330	100,000	< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
2-Nitroaniline			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
2-Nitrophenol			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
3&4-Methylphenol (m&p-cresol)	330	100,000	< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
3,3'-Dichlorobenzidine			< 750	750	< 760	760	< 3700	3,700	< 770	770	< 750	750	< 760	760
3-Nitroaniline			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
4,6-Dinitro-2-methylphenol			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
4-Bromophenyl phenyl ether			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
4-Chloro-3-methylphenol			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
4-Chloroaniline			< 750	750	< 760	760	< 3700	3,700	< 770	770	< 750	750	< 760	760
4-Chlorophenyl phenyl ether			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
4-Nitroaniline			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
4-Nitrophenol			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
Acenaphthene	20,000	100,000	**420**	260	< 270	270	**4,200**	1,300	< 270	270	< 260	260	< 260	260
Acenaphthylene	100,000	100,000	**160**	260	< 270	270	**590**	1,300	< 270	270	< 260	260	< 260	260
Acetophenone			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Aniline			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
Anthracene	100,000	100,000	**790**	260	< 270	270	**9,000**	1,300	< 270	270	< 260	260	< 260	260
Benz(a)anthracene	1,000	1,000	**2,200**	260	< 270	270	**15,000**	1,300	< 270	270	**240**	260	< 260	260
Benzidine			< 750	750	< 760	760	< 3700	3,700	< 770	770	< 750	750	< 760	760
Benzo(a)pyrene	1,000	1,000	**1,700**	260	< 270	270	**12,000**	1,300	< 270	270	**190**	260	< 260	260
Benzo(b)fluoranthene	1,000	1,000	**2,100**	260	< 270	270	**15,000**	1,300	< 270	270	**240**	260	< 260	260
Benzo(ghi)perylene	100,000	100,000	**490**	260	< 270	270	**4,900**	1,300	< 270	270	< 260	260	< 260	260
Benzo(k)fluoranthene	800	3,900	**740**	260	< 270	270	**4,200**	1,300	< 270	270	< 260	260	< 260	260
Benzoic acid			< 1900	1,900	< 1900	1,900	< 9200	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
Benzyl butyl phthalate			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Bis(2-chloroethoxy)methane			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Bis(2-chloroethyl)ether			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Bis(2-chloroisopropyl)ether			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Bis(2-ethylhexyl)phthalate			**140**	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Carbazole			**460**	1,900	< 1900	1,900	**5,900**	9,200	< 1900	1,900	< 1900	1,900	< 1900	1,900
Chrysene	1,000	3,900	**2,300**	260	< 270	270	**15,000**	1,300	< 270	270	**240**	260	< 260	260
Dibenz(a,h)anthracene	330	330	**170**	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Dibenzofuran	7,000	59,000	**170**	260	< 270	270	**3,100**	1,300	< 270	270	< 260	260	< 260	260
Diethyl phthalate			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Dimethylphthalate			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Di-n-butylphthalate			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Di-n-octylphthalate			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Fluoranthene	100,000	100,000	**4,600**	260	< 270	270	**51,000**	6,500	< 270	270	**500**	260	< 260	260
Fluorene	30,000	100,000	**350**	260	< 270	270	**3,600**	1,300	< 270	270	< 260	260	< 260	260
Hexachlorobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Hexachlorobutadiene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Hexachlorocyclopentadiene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Hexachloroethane			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Indeno(1,2,3-cd)pyrene	500	500	**440**	260	< 270	270	**5,300**	1,300	< 270	270	< 260	260	< 260	260
Isophorone			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Naphthalene	12,000	100,000	**190**	260	< 270	270	**2,900**	1,300	< 270	270	< 260	260	< 260	260
Nitrobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
N-Nitrosodimethylamine			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
N-Nitrosodi-n-propylamine			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
N-Nitrosodiphenylamine			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Pentachloronitrobenzene			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Pentachlorophenol	800	6,700	< 260	260	< 270	270	< 800	800	< 270	270	< 260	260	< 260	260
Phenanthrene	100,000	100,000	**4,500**	260	< 270	270	**51,000**	6,500	< 270	270	**390**	260	< 260	260
Phenol	330	100,000	< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260
Pyrene	100,000	100,000	**5,300**	260	< 270	270	**49,000**	6,500	< 270	270	**470**	260	< 260	260
Pyridine			< 260	260	< 270	270	< 1300	1,300	< 270	270	< 260	260	< 260	260

Notes:

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

RL - Reporting Limit

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

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

TABLE 4
108 Frost Street,
Brooklyn, New York
Soil Analytical Results
Pesticides / PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3			
			(0-2') µg/Kg		(14-16') µg/Kg		(0-2') µg/Kg		(14-16') µg/Kg		(0-2') µg/Kg		(14-16') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	3.3	13,000	< 2.6	2.6	< 2.7	2.7	< 2.6	2.6	< 2.7	2.7	< 2.6	2.6	< 2.7	2.7
4,4' -DDE	3.3	8,900	< 2.6	2.6	< 2.7	2.7	< 2.6	2.6	< 2.7	2.7	< 2.6	2.6	< 2.7	2.7
4,4' -DDT	3.3	7,900	< 2.6	2.6	< 2.7	2.7	< 3.3	3.3	< 2.7	2.7	< 2.6	2.6	< 2.7	2.7
a-BHC	20	480	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
a-Chlordane	94	4,200	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8
Aldrin	5	97	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
b-BHC	36	360	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
Chlordane			< 22	22	< 23	23	< 22	22	< 23	23	< 22	22	< 23	23
d-BHC	40	100,000	< 1.8	1.8	< 1.9	1.9	< 2.6	2.6	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
Dieldrin	5	200	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
Endosulfan I	2,400	24,000	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8
Endosulfan II	2,400	24,000	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8
Endosulfan sulfate	2,400	24,000	< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8
Endrin	14	11,000	< 1.8	1.8	< 1.9	1.9	< 7.3	7.3	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
Endrin aldehyde			< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8
Endrin ketone			< 1.8	1.8	< 1.9	1.9	< 23	23	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
g-BHC			< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
g-Chlordane			< 3.7	3.7	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8	< 3.6	3.6	< 3.8	3.8
Heptachlor	42	2,100	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
Heptachlor epoxide			< 1.8	1.8	< 1.9	1.9	< 2.9	2.9	< 1.9	1.9	< 1.8	1.8	< 1.9	1.9
Methoxychlor			< 16	16	< 7.6	7.6	< 7.3	7.3	< 7.6	7.6	< 7.3	7.3	< 7.6	7.6
Toxaphene			< 180	180	< 190	190	< 180	180	< 190	190	< 180	180	< 190	190
PCB-1016	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1221	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1232	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1242	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1248	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1254	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1260	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1262	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38
PCB-1268	100	1,000	< 37	37	< 38	38	< 36	36	< 38	38	< 36	36	< 38	38

Notes:

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

RL- Reporting Limit

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

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

TABLE 5
108 Frost 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				B2				B3			
			(0-2') mg/Kg		(14-16") mg/Kg		(0-2') mg/Kg		(14-16") mg/Kg		(0-2') mg/Kg		(14-16") mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			7,290	36	8,350	35	7,100	35	8,430	35	6,910	34	6,210	36
Antimony			< 1.8	1.8	< 1.8	1.8	< 1.8	1.8	< 1.8	1.8	< 1.7	1.7	< 1.8	1.8
Arsenic	13	16	29.9	0.7	2.4	0.7	36	0.7	1.8	0.7	33.4	0.7	4	0.7
Barium	350	350	290	0.7	73	0.7	281	0.7	133	0.7	180	0.7	73.2	0.7
Beryllium	7.2	14	0.48	0.29	0.45	0.28	0.38	0.28	0.5	0.28	0.43	0.27	0.5	0.29
Cadmium	2.5	2.5	0.79	0.36	0.14	0.35	0.5	0.35	0.24	0.35	0.58	0.34	0.76	0.36
Calcium			13,900	36	1,630	3.5	19,600	35	1,660	3.5	2,850	3.4	1,410	3.6
Chromium	30	180	31.2	0.36	19.3	0.35	43.4	0.35	22.3	0.35	39.5	0.34	20.1	0.36
Cobalt			6.85	0.36	5.33	0.35	7.55	0.35	7.02	0.35	8.22	0.34	9.36	0.36
Copper	50	270	91.5	0.36	20.7	0.35	111	0.35	17.7	0.35	84	0.34	19.5	0.36
Iron			21,700	36	12,400	35	16,400	35	17,900	35	23,100	34	34,000	36
Lead	63	400	230	7.2	15.9	0.7	489	7	8	0.7	351	6.8	6.6	0.7
Magnesium			2,120	3.6	2,710	3.5	4,260	3.5	2,930	3.5	1,870	3.4	2,690	3.6
Manganese	1,600	2,000	317	3.6	99.5	0.35	301	3.5	235	3.5	452	3.4	365	3.6
Mercury	0.18	0.81	1.2	0.07	< 0.08	0.08	1.04	0.07	< 0.07	0.07	0.33	0.08	< 0.07	0.07
Nickel	30	140	16.4	0.36	12	0.35	23	0.35	14.2	0.35	14.1	0.34	16.6	0.36
Potassium			1,110	7	817	7	1,130	7	1,550	7	1,100	7	1,350	7
Selenium	3.9	36	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
Silver	2	36	< 0.36	0.36	< 0.35	0.35	< 0.35	0.35	< 0.35	0.35	< 0.34	0.34	< 0.36	0.36
Sodium			327	7	98	7	544	7	125	7	155	7	118	7
Thallium			< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
Vanadium			27.1	0.4	26.3	0.4	21.7	0.4	28	0.4	24.4	0.3	30.7	0.4
Zinc	109	2,200	112	0.7	30.5	0.7	112	0.7	34.4	0.7	151	6.8	32.1	0.7

Notes:

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

RL- Reporting Limit

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

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

Table 6
108 Frost Street,
Brooklyn, New York
Ground Water Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		Duplicate (MW1)		Trip Blank	
	µg/L	µg/L		µg/L		µg/L		µg/L		µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL	Results	RL
1,1,1,2-Tetrachlorothane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
1,1,1-Trichloroethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
1,1,2,2-Tetrachloroethane	5	< 1.0	1	< 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
1,1-Dichloroethane	5	< 5.0	5	< 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
1,1-Dichloropropene		< 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
1,2,3-Trichloropropane	0.04	< 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
1,2,4-Trimethylbenzene	5	< 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
1,2-Dibromoethane		< 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
1,2-Dichloroethane	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6	< 0.60	0.6
1,2-Dichloropropane	0.94	< 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
1,3-Dichlorobenzene		< 3.0	3	< 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
1,4-Dichlorobenzene	5	< 5.0	5	< 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
2-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Hexanone (Methyl Butyl Ketone)		< 1.0	1	< 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
4-Chlorotoluene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Methyl-2-Pentanone		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Acetone		**2.1**	5	**1.8**	5	**1.5**	5	**2.1**	5	**1.7**	5
Acrolein		< 5.0	5	< 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
Benzene	1	< 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
Bromochloromethane	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromodichloromethane		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Bromoform		< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bromomethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Carbon Disulfide	60	< 1.0	1	< 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
Chlorobenzene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroethane	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloroform	7	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Chloromethane	60	< 5.0	5	< 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
cis-1,3-Dichloropropene		< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4	< 0.40	0.4
Dibromochloromethane		< 1.0	1	< 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
Dichlorodifluoromethane	5	< 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
Hexachlorobutadiene	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5	< 0.50	0.5
Isopropylbenzene	5	< 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
Methyl Ethyl Ketone (2-Butanone)		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methyl t-butyl ether (MTBE)	10	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Methylene chloride	5	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3	< 3.0	3
Naphthalene	10	< 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
n-Propylbenzene	5	< 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
p-Isopropyltoluene		< 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
Styrene	5	< 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
Tetrachloroethene	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Tetrahydrofuran (THF)		< 5.0	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
trans-1,2-Dichloroethene	5	< 5.0	5	< 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
trans-1,4-dichloro-2-butene	5	< 1.0	1	< 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
Trichlorofluoromethane	5	< 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
Vinyl Chloride	2	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1

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

TABLE 7
108 Frost Street,
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate (MW1) µg/L	
		Results	RL	Results	RL	Results	RL	Results	RL
1,2,4-Trichlorobenzene		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
1,2-Dichlorobenzene		< 1.1	1.1	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1
1,2-Diphenylhydrazine		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
1,3-Dichlorobenzene	3	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1
1,4-Dichlorobenzene		< 1.1	1.1	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1
2,4,5-Trichlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4,6-Trichlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dichlorophenol		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dimethylphenol		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dinitrophenol	5	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2,4-Dinitrotoluene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
2,6-Dinitrotoluene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
2-Chloronaphthalene	10	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
2-Chlorophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Methylnaphthalene		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
2-Methylphenol (o-cresol)	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
2-Nitroaniline	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
2-Nitrophenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
3&4-Methylphenol (m&p-cresol)		< 1.1	1.1	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1
3,3'-Dichlorobenzidine	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
3-Nitroaniline	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
4,6-Dinitro-2-methylphenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Bromophenyl phenyl ether		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
4-Chloro-3-methylphenol	1	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
4-Chloroaniline	5	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
4-Chlorophenyl phenyl ether		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
4-Nitroaniline	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
4-Nitrophenol		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Acetophenone		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Aniline	5	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Anthracene	50	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7	< 3.7	3.7
Benzidine	5	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Benzoic acid		< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7
Benzyl butyl phthalate	50	< 26	26	< 26	26	< 26	26	< 26	26
Bis(2-chloroethoxy)methane	5	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Bis(2-chloroethyl)ether	1	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Bis(2-chloroisopropyl)ether		< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Carbazole		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Dibenzofuran		< 26	26	< 26	26	< 26	26	< 26	26
Diethyl phthalate	50	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Dimethylphthalate	50	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Di-n-butylphthalate	50	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Di-n-octylphthalate	50	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Fluoranthene	50	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Fluorene	50	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Hexachlorobutadiene	0.5	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Hexachlorocyclopentadiene	5	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Isophorone	50	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Naphthalene	10	< 5.0	5	< 5.0	5	< 5.0	5	< 5.0	5
Nitrobenzene	0.4	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1
N-Nitrosodimethylamine		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
N-Nitrosodi-n-propylamine		< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
N-Nitrosodiphenylamine	50	< 1.0	1	< 1.0	1	< 1.0	1	< 1.0	1
Phenol	50	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3	< 5.3	5.3
Pyrene	50	< 11	11	< 11	11	< 11	11	< 11	11
1,2,4,5-Tetrachlorobenzene		< 0.53	0.53	< 0.53	0.53	< 0.53	0.53	< 0.53	0.53
Acenaphthene	20	< 0.11	0.11	< 0.11	0.11	< 0.11	0.11	< 0.11	0.11
Acenaphthylene		**0.05**	0.02	**0.07**	0.02	**0.05**	0.02	**0.05**	0.02
Benzo(a)anthracene	0.002	**0.02**	0.02	**0.03**	0.02	**0.02**	0.02	**0.03**	0.02
Benzo(a)pyrene		**0.03**	0.02	**0.04**	0.02	**0.03**	0.02	**0.03**	0.02
Benzo(b)fluoranthene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(ghi)perylene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Benzo(k)fluoranthene	0.002	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1	< 1.1	1.1
Bis(2-ethylhexyl)phthalate	5	**0.04**	0.02	**0.05**	0.02	**0.04**	0.02	**0.04**	0.02
Chrysene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Dibenz(a,h)anthracene		< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Hexachlorobenzene	0.04	< 0.42	0.42	< 0.42	0.42	< 0.42	0.42	< 0.42	0.42
Hexachloroethane	5	< 0.53	0.53	< 0.53	0.53	< 0.53	0.53	< 0.53	0.53
Indeno(1,2,3-cd)pyrene	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02
Pentachloronitrobenzene		< 0.11	0.11	< 0.11	0.11	< 0.11	0.11	< 0.11	0.11
Pentachlorophenol	1	< 0.11	0.11	< 0.11	0.11	< 0.11	0.11	< 0.11	0.11
Phenanthrene	50	< 0.84	0.84	< 0.84	0.84	< 0.84	0.84	< 0.84	0.84
Pyridine	50	< 0.11	0.11	**0.22**	0.11	< 0.11	0.11	< 0.11	0.11

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

TABLE 8
108 Frost Street,
Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate (MW1) µg/L	
		Results	RL	Results	RL	Results	RL	Results	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:
RL- Reporting limit
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
108 Frost Street,
Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW1 mg/L		MW2 mg/L		MW3 mg/L		Duplicate (MW1) mg/L	
		Results	RL	Results	RL	Results	RL	Results	RL
Aluminum	NS	**0.49**	0.01	**0.45**	0.01	**0.33**	0.01	**2.03**	0.11
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	**0.004**	0.003	**0.004**	0.003	**0.003**	0.003
Barium	1	**0.129**	0.011	**0.25**	0.011	**0.153**	0.011	**0.134**	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	**80.9**	0.01	**98.9**	0.01	**105**	0.01	**80.3**	0.01
Chromium	0.05	**0.001**	0.001	**0.002**	0.001	**0.002**	0.001	**0.003**	0.001
Cobalt	NS	< 0.005	0.005	**0.001**	0.005	< 0.005	0.005	**0.001**	0.005
Copper	0.2	**0.002**	0.005	**0.002**	0.005	**0.007**	0.005	**0.004**	0.005
Iron	0.5	**0.72**	0.01	**2.38**	0.01	**0.48**	0.01	**1.52**	0.11
Lead	0.025	**0.002**	0.002	< 0.002	0.002	**0.005**	0.002	**0.011**	0.002
Magnesium	35	**34.2**	0.01	**25.2**	0.01	**12.2**	0.01	**33.4**	0.01
Manganese	0.3	**3.52**	0.053	**1.77**	0.005	**0.994**	0.005	**3.64**	0.053
Mercury	0.0007	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002
Nickel	0.1	**0.002**	0.004	**0.003**	0.004	**0.003**	0.004	**0.002**	0.004
Potassium	NS	**5.9**	0.1	**13.9**	0.1	**14.9**	0.1	**6**	0.1
Selenium	0.01	**0.004**	0.004	**0.004**	0.004	< 0.004	0.004	**0.005**	0.004
Silver	0.05	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005	< 0.005	0.005
Sodium	2	**50.1**	0.11	**35**	0.11	**17.8**	0.11	**50.9**	0.11
Thallium	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005	< 0.0005	0.0005
Vanadium	NS	**0.003**	0.011	**0.001**	0.011	**0.004**	0.011	**0.004**	0.011
Zinc	2	**0.005**	0.011	**0.005**	0.011	**0.007**	0.011	**0.014**	0.011

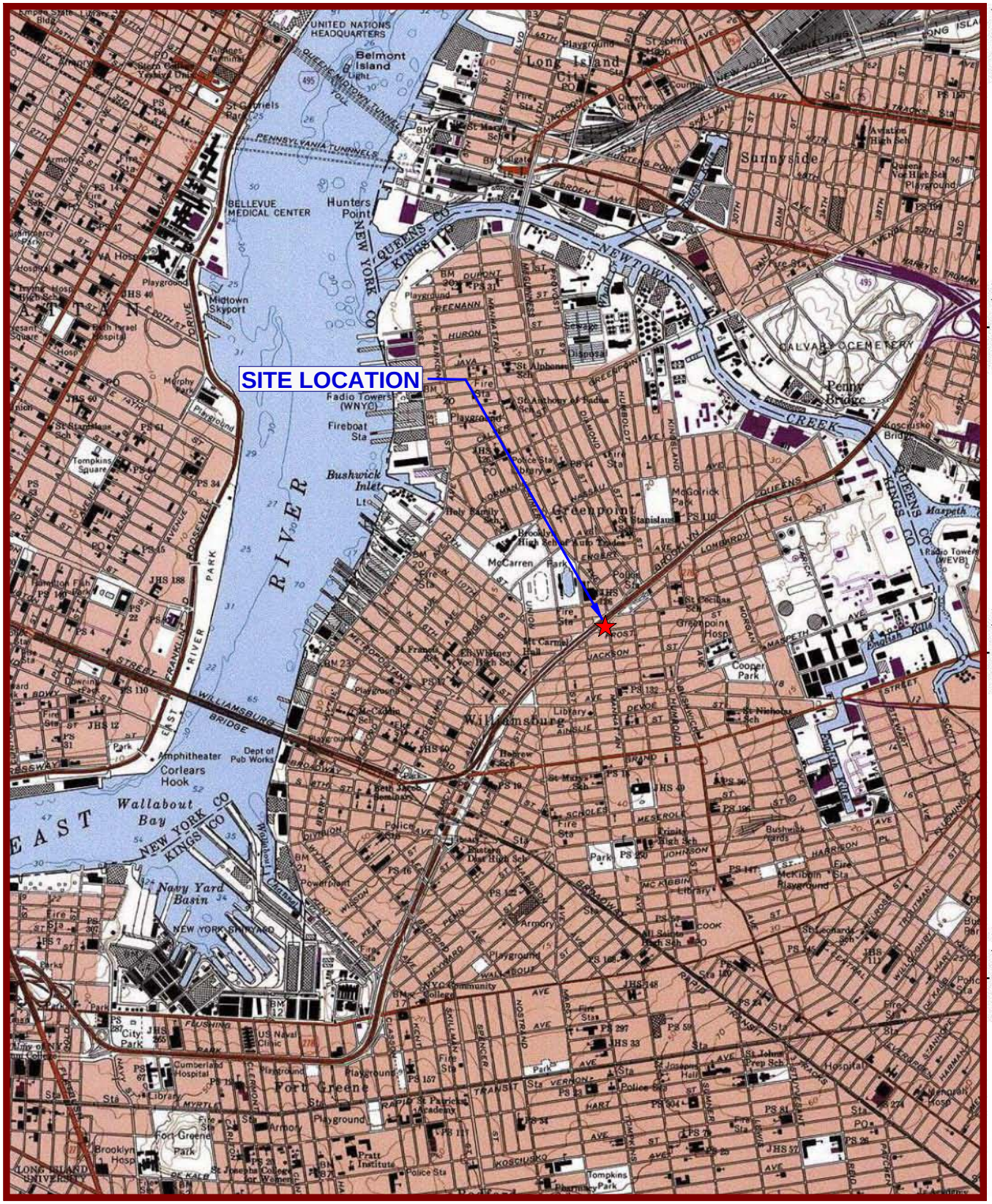
Notes:
RL- Reporting limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 10
108 Frost Street,
Brooklyn, New York
Soil Gas
Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value ($\mu g/m^3$) [a]	NYSDOH Soil Outdoor Background Levels ($\mu g/m^3$) [b]	SG-1 ($\mu g/m3$)		SG-2 ($\mu g/m3$)		SG-3 ($\mu g/m3$)	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1	< 1.00	1	< 1.00	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	**46.4**	1	< 1.00	1	**21.1**	1
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1
1,1,2-Trichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,1-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,2,4-Trimethylbenzene		<1.0	**12.2**	1	**7.27**	1	**13.6**	1
1,2-Dibromoethane		<1.5	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloroethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichloropropane			< 1.00	1	< 1.00	1	< 1.00	1
1,2-Dichlorotetrafluoroethane			< 1.00	1	< 1.00	1	< 1.00	1
1,3,5-Trimethylbenzene		<1.0	**1.72**	1	**1.96**	1	**2.5**	1
1,3-Butadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,3-Dichlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dichlorobenzene		NA	< 1.00	1	< 1.00	1	< 1.00	1
1,4-Dioxane			< 1.00	1	< 1.00	1	< 1.00	1
2-Hexanone			**26**	1	< 1.00	1	**15.7**	1
4-Ethyltoluene		NA	**1.03**	1	**2.11**	1	**2.16**	1
4-Isopropyltoluene			< 1.00	1	< 1.00	1	< 1.00	1
4-Methyl-2-pentanone			**2.74**	1	**1.39**	1	**5.65**	1
Acetone		NA	**72.6**	1	**59.1**	1	**13.1**	1
Acrylonitrile			< 1.00	1	< 1.00	1	< 1.00	1
Benzene		<1.6 - 4.7	< 1.00	1	**5.46**	1	< 1.00	1
Benzyl Chloride		NA	< 1.00	1	< 1.00	1	< 1.00	1
Bromodichloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1
Bromoform		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Bromomethane		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Disulfide		NA	< 1.00	1	< 1.00	1	< 1.00	1
Carbon Tetrachloride	5	<3.1	**0.314**	0.25	**0.629**	0.25	**0.314**	0.25
Chlorobenzene		<2.0	< 1.00	1	< 1.00	1	< 1.00	1
Chloroethane		NA	< 1.00	1	< 1.00	1	< 1.00	1
Chloroform		<2.4	**5.32**	1	< 1.00	1	**2.39**	1
Chloromethane		<1.0 - 1.4	< 1.00	1	**1.48**	1	< 1.00	1
cis-1,2-Dichloroethene		<1.0	< 1.00	1	< 1.00	1	< 1.00	1
cis-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Cyclohexane		NA	< 1.00	1	**5.68**	1	< 1.00	1
Dibromochloromethane		<5.0	< 1.00	1	< 1.00	1	< 1.00	1
Dichlorodifluromethane		NA	**119**	1	**1.83**	1	**2.62**	1
Ethanol			**35.2**	1	**294**	1	**48.2**	1
Ethyl Acetate		NA	< 1.00	1	< 1.00	1	**1.48**	1
Ethylbenzene		<4.3	**2.08**	1	**4.9**	1	**2.86**	1
Heptane		NA	**3.97**	1	**7.08**	1	**4.05**	1
Hexachlorobutadiene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Hexane		<1.5	**1.66**	1	**20.8**	1	**2.08**	1
Isopropylalcohol		NA	**2.78**	1	**4.13**	1	**3.83**	1
Isopropylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Xylene (m&p)		<4.3	**7.81**	1	**18.7**	1	**10.2**	1
Methyl Ethyl Ketone			**43.6**	1	**8.75**	1	**16.4**	1
MTBE		NA	< 1.00	1	< 1.00	1	< 1.00	1
Methylene Chloride		<3.4	**3.44**	1	**13.4**	1	**1.01**	1
n-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Xylene (o)		<4.3	**3.6**	1	**7.07**	1	**4.34**	1
Propylene		NA	**2.56**	1	**4.59**	1	< 1.00	1
sec-Butylbenzene			< 1.00	1	< 1.00	1	< 1.00	1
Styrene		<1.0	**1.11**	1	< 1.00	1	**1.4**	1
Tetrachloroethene	100		**114**	0.25	**1.22**	0.25	**8.54**	0.25
Tetrahydrofuran		NA	< 1.00	1	**2.36**	1	**1.71**	1
Toluene		1.0 - 6.1	**10.9**	1	**21.7**	1	**13**	1
trans-1,2-Dichloroethene		NA	< 1.00	1	< 1.00	1	< 1.00	1
trans-1,3-Dichloropropene		NA	< 1.00	1	< 1.00	1	< 1.00	1
Trichloroethene	5	<1.7	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
Trichlorofluoromethane		NA	**1.68**	1	**1.74**	1	**1.74**	1
Trichlorotrifluoroethane			< 1.00	1	< 1.00	1	< 1.00	1
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
BTEX			**24.39**		**57.8**		**30.4**	
Total VOCs			**521.74**		**497.35**		**199.97**	

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

FIGURES



USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

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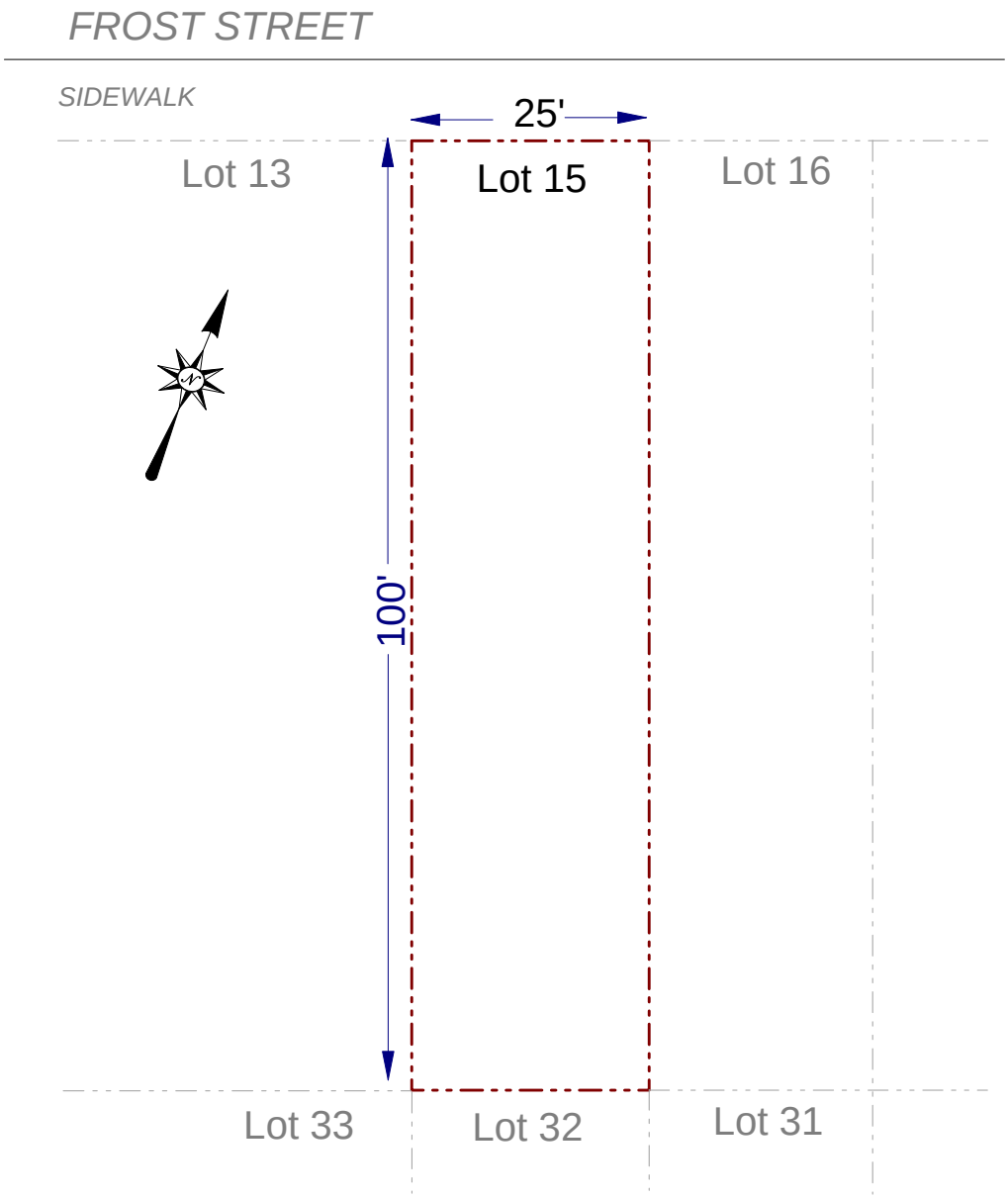
108 FROST STREET
BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP

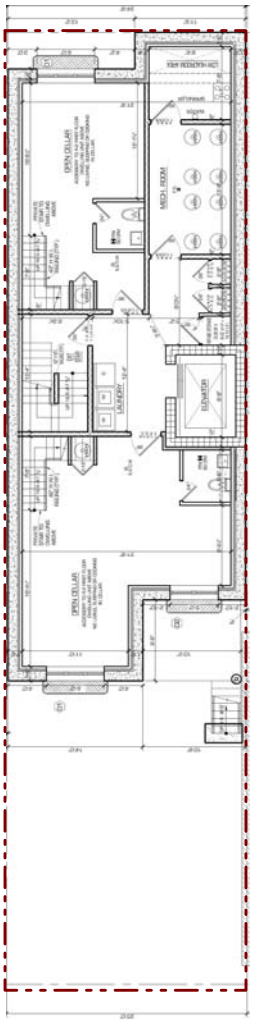


EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631. 924 .2870

Figure No. 2

Site Name: REDEVELOPMENT PROJECT
Site Address: 108 FROST STREET, BROOKLYN, NY
Drawing Title: SITE BOUNDARY MAP

CELLAR FLOOR PLAN



FRONT ELEVATION

KEY:

Property Boundary

SCALE:

0 10 20

Scale: 1 inch = 20 feet

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Fax 631. 924 .2870

Figure No. 3

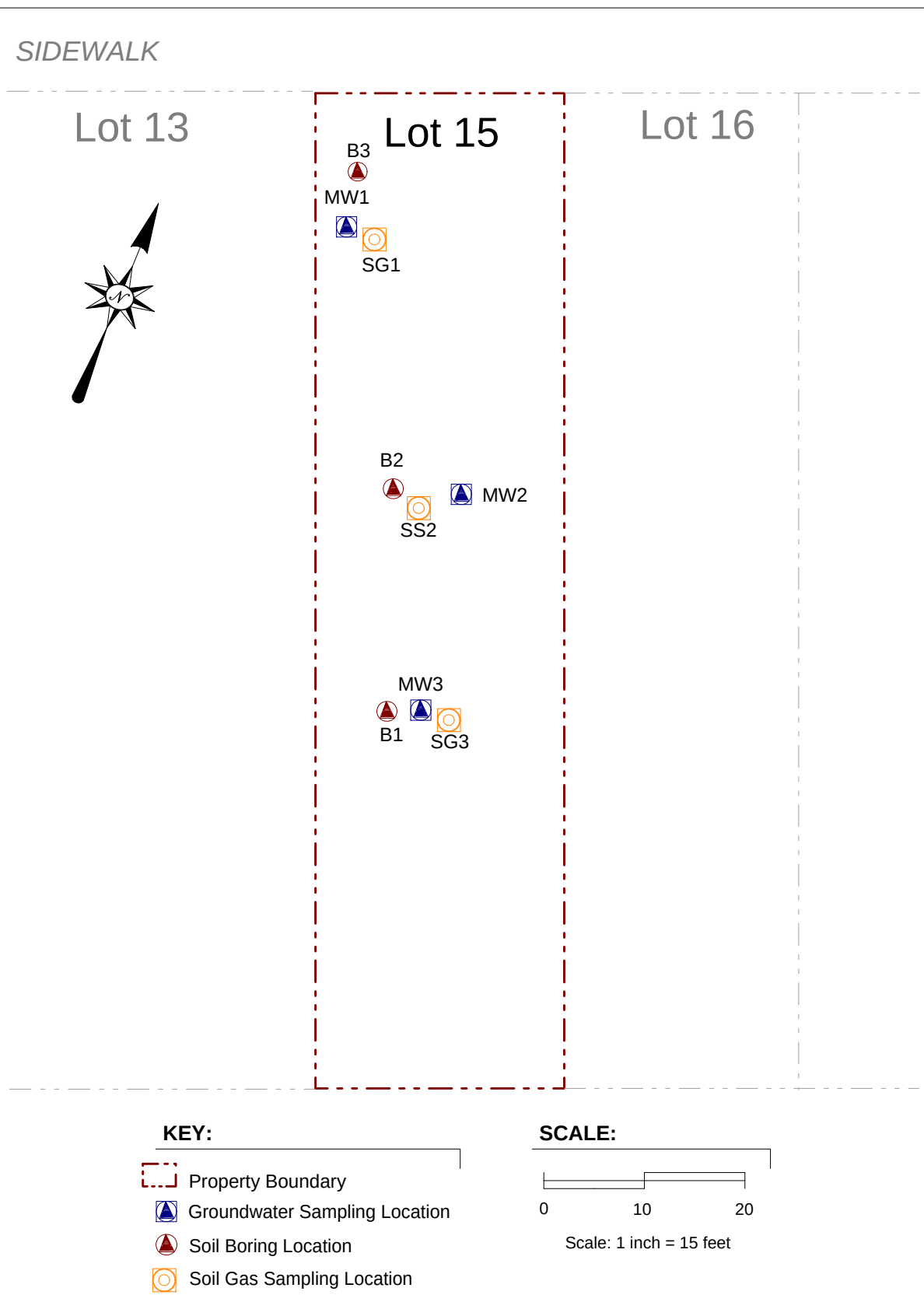
Site Name: REDEVELOPMENT PROJECT
Site Address: 108 FROST STREET, BROOKLYN, NY
Drawing Title: REDEVELOPMENT PLAN

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

FIGURE 4
SURROUNDING LAND USE MAP

108 FROST STREET, BROOKLYN NY 11211
HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

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



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ENVIRONMENTAL BUSINESS CONSULTANTS
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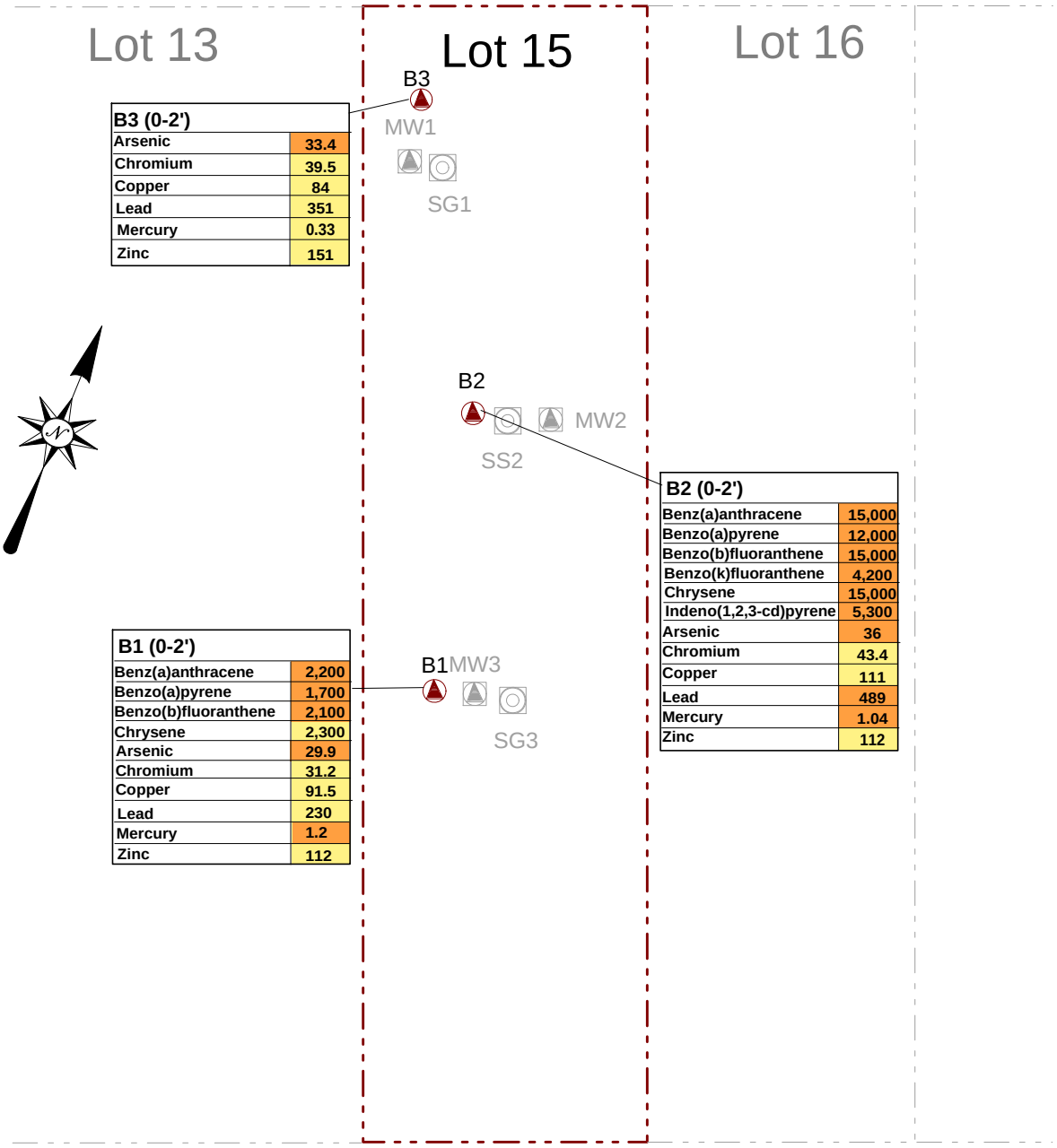
Figure No. 5

Site Name: COMMERCIAL BUILDING
Site Address: 108 FROST STREET, BROOKLYN, NY
Drawing Title: SITE SAMPLING LOCATIONS

FROST STREET

SIDEWALK



KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location

SCALE:

0 10 20

Scale: 1 inch = 15 feet

EBC Environmental Business Consultants

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Figure No. 6

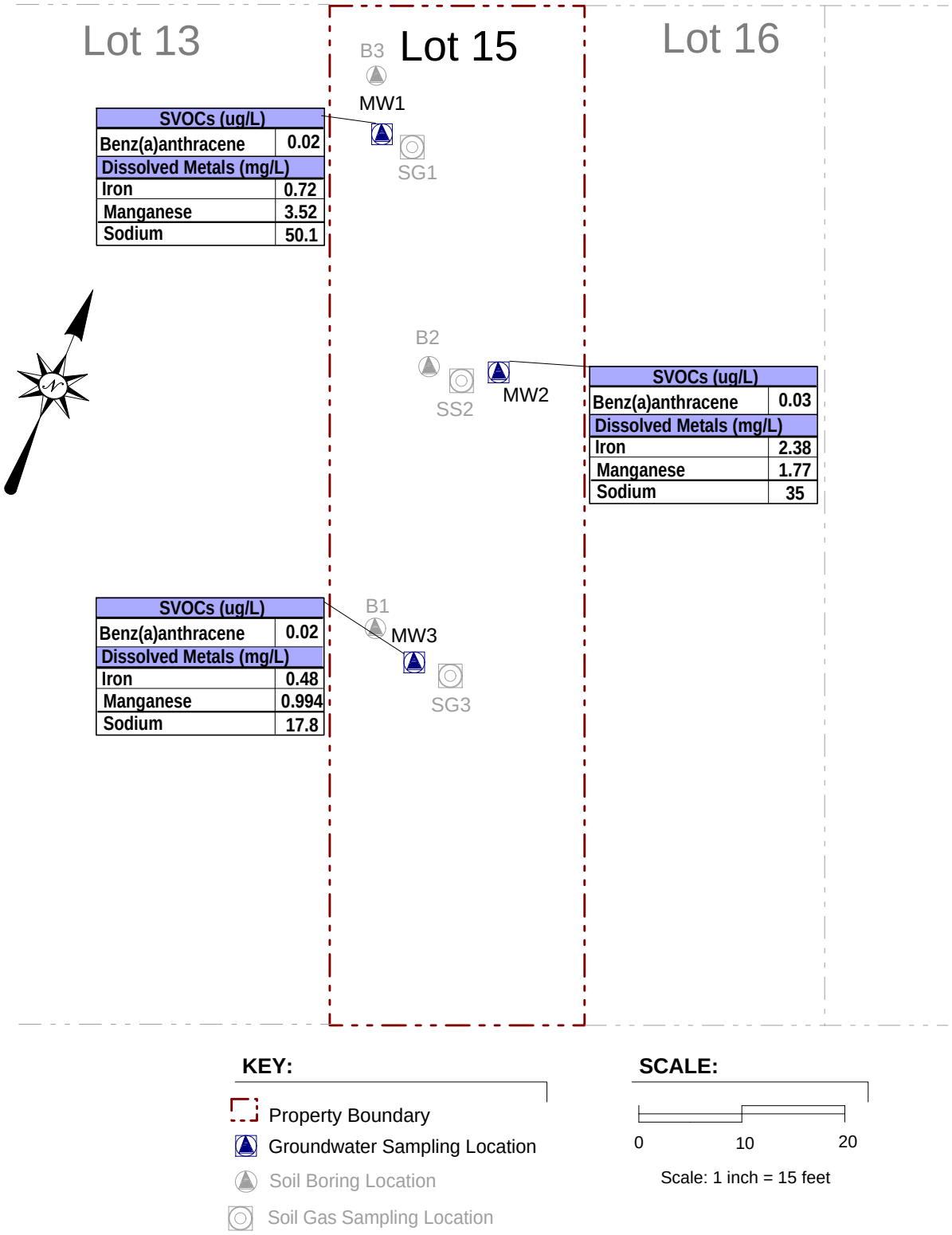
Site Name: Redevelopment Project

Site Address: 108 Frost Street, Brooklyn, NY

Drawing Title: Soil Exceedences Map

FROST STREET

SIDEWALK



KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location

SCALE:

0 10 20

Scale: 1 inch = 15 feet

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Figure No. 7

Site Name: Redevelopment Project
Site Address: 108 Frost Street, Brooklyn, NY
Drawing Title: Ground Water Exceedences Map

FROST STREET

SIDEWALK

Lot 13

Lot 15

Lot 16

B3

MW1

SG1

B2

MW2

SG2

B1

MW3

SG3

SG1

1,1,1-Trichloroethane	46.4
1,2,4-Trimethylbenzene	12.2
1,3,5-Trimethylbenzene	1.72
2-Hexanone	26
4-Ethyltoluene	1.03
4-Methyl-2-pentanone	2.74
Acetone	72.6
Carbon Tetrachloride	0.314
Chloroform	5.32
Dichlorodifluromethane	119
Ethanol	35.2
Ethylbenzene	2.08
Heptane	3.97
Hexane	1.66
Isopropylalcohol	2.78
Xylene (m&p)	7.81
Methyl Ethyl Ketone	43.6
Methylene Chloride	3.44
Xylene (o)	3.6
Propylene	2.56
Styrene	1.11
Tetrachloroethene	114
Toluene	10.9
Trichlorofluoromethane	1.68

SG2

1,2,4-Trimethylbenzene	7.27
1,3,5-Trimethylbenzene	1.96
4-Ethyltoluene	2.11
4-Methyl-2-pentanone	1.39
Acetone	59.1
Benzene	5.46
Carbon Tetrachloride	0.629
Chloromethane	1.48
Cyclohexane	5.68
Dichlorodifluromethane	1.83
Ethanol	294
Ethylbenzene	4.9
Heptane	7.08
Hexane	20.8
Isopropylalcohol	4.13
Xylene (m&p)	18.7
Methyl Ethyl Ketone	8.75
Methylene Chloride	13.4
Xylene (o)	7.07
Propylene	4.59
Tetrachloroethene	1.22
Tetrahydrofuran	2.36
Toluene	21.7
Trichlorofluoromethane	1.74

SG3

1,1,1-Trichloroethane	21.1
1,2,4-Trimethylbenzene	13.6
1,3,5-Trimethylbenzene	2.5
2-Hexanone	15.7
4-Ethyltoluene	2.16
4-Methyl-2-pentanone	5.65
Acetone	13.1
Carbon Tetrachloride	0.314
Chloroform	2.39
Dichlorodifluromethane	2.62
Ethanol	48.2
Ethyl Acetate	1.48
Ethylbenzene	2.86
Heptane	4.05
Hexane	2.08
Isopropylalcohol	3.83
Xylene (m&p)	10.2
Methyl Ethyl Ketone	16.4
Methylene Chloride	1.01
Xylene (o)	4.34
Styrene	1.4
Tetrachloroethene	8.54
Tetrahydrofuran	1.71
Toluene	13
Trichlorofluoromethane	1.74

KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location

SCALE:

0 7.5 15

Scale: 1 inch = 15 feet

EBC
Environmental Business Consultants
Phone 631.504.6000
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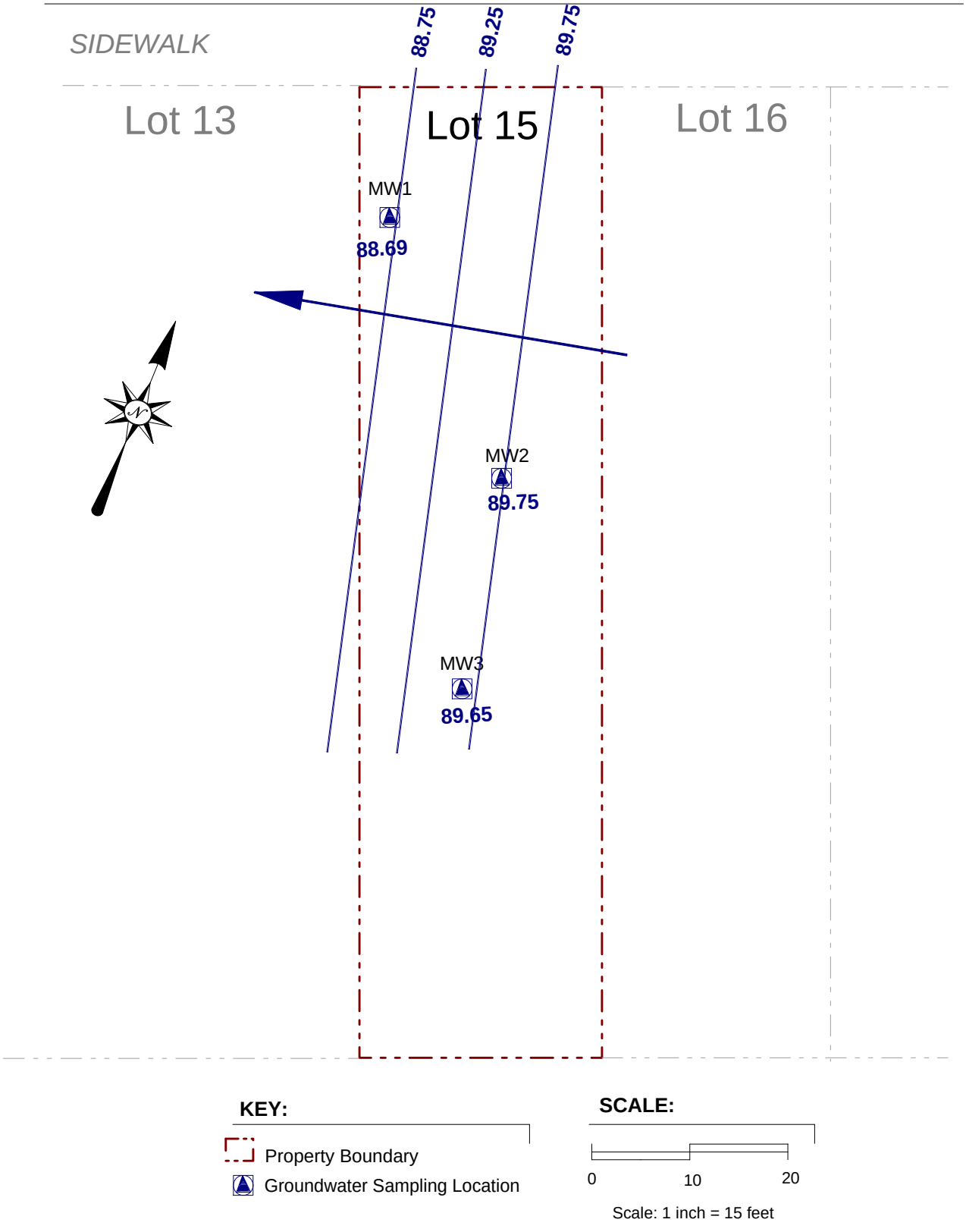
Figure No. 8

Site Name: Redevelopment Project
Site Address: 108 Frost Street, Brooklyn, NY
Drawing Title: Posted Soil Gas Results



KEY:

- Property Boundary
- Groundwater Sampling Location

SCALE:

0 10 20

Scale: 1 inch = 15 feet

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ENVIRONMENTAL BUSINESS CONSULTANTS
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Figure No. 9

Site Name: REDEVELOPMENT PROJECT
Site Address: 108 FROST STREET, BROOKLYN, NY
Drawing Title: GROUNDWATER CONTOUR MAP

APPENDIX A
PHASE I REPORT

MERRITT ENGINEERING CONSULTANTS, P.C.
Environmental Engineering - Asbestos - Lead

28-08 Bayside Lane, Bayside, NY 11358
(718) 767-7997 Fax (718) 767-7796

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)
ASTM 1527-00

PROJECT E17491

108 FROST STREET, BROOKLYN, NEW YORK 11211

PREPARED FOR
CHRISTOPHER JON ELECTRICAL

MERRITT ENGINEERING CONSULTANTS, P.C.
Environmental Engineering – Asbestos – Lead

28-08 Bayside Lane, Bayside, NY 11358
(718) 767-7997 Fax (718) 767-7796

ASTM E1527-00

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

Site Address	108 Frost Street Brooklyn, New York 11211
Prepared for	Christopher Jon Electrical 639 Fifth Avenue New Hyde Park, New York 11040 Attn: Mr. Christopher Paccione
Prepared By	Merritt Engineering Consultants, P.C. 28-08 Bayside Lane Bayside, New York 11358 (718) 767-7997 (718) 767-7796 Fax
MEC Project No	Project E17491
Report Date	June 30, 2004
Inspection Date	June 23, 2004

EXECUTIVE SUMMARY

Merritt Engineering Consultants, P.C., was retained by Christopher Jon Electrical to conduct a Phase I Environmental Site Assessment (ESA) at 108 Frost Street, Brooklyn, New York 11211.

The on site investigation was conducted on June 23, 2004.

The following Recognized Environmental Conditions (RECs) were noted at the time of our inspection.

A Recognized Environmental Condition means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under compliance with laws.

	ITEM	APPROXIMATE COST	PAGE
1a	Provide documentation for removal/abandonment of buried gasoline tank noted on Sanborn maps from 1965-1996	Cost not determined	13
1b	Should no documentation be available, a phase II investigation including soil borings and a Ground Penetrating Radar scan (GPR) should be conducted to determine if any buried tanks or sub surface contamination is present	$5,000-$7,000	13

In addition, no de minimis conditions were noted.

A de minimis condition is one that generally does not present a material risk of harm to public health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies (excluding local asbestos & lead situations).

No Historical Recognized Environmental Conditions (HRECs) were reported. In addition no evidence of HRECs were observed during our on-site inspection/ identified in our database search/historical review.

TABLE OF CONTENTS

6) Site Reconnaissance

- 6.1 Methodology and Limiting Conditions
- 6.2 General Site Setting
- 6.3 Exterior Observations
- 6.4 Interior Observations
- 6.5 Underground Storage Tanks (USTs) and Drums
- 6.6 Aboveground Storage Tanks (ASTs) and Drums
- 6.7 Asbestos
- 6.8 Electrical Transformers (PCBs)
- 6.9 Garbage Disposal
- 6.10 Lead Based Paint
- 6.11 Natural Gas
- 6.12 Radon
- 6.13 Storm and Sanitary Discharge
- 6.14 Water Supply

7) Interviews

- 7.1 Interview with Owner
- 7.2 Interview with Site Representative
- 7.3 Interviews with Occupants
- 7.4 Interviews with Local Government Officials
- 7.5 Interviews with Others

8) Report Summary

- 8.1 Findings
- 8.2 Conclusions
- 8.3 Opinions
- 8.4 Deviations
- 8.5 Additional Services
- 8.6 References

9) Consultant Information

- 9.1 Signature and Qualifications of Environmental Professional

10) Appendices

- 10.1 Site Photography
- 10.2 Site (Vicinity) Map
- 10.3 Hazardous Waste Site Map
- 10.4 Regulatory Records Documentation
- 10.5 Historical Research Documentation
- 10.6 Interview Documentation
- 10.7 Qualifications
- 10.8 Special Contractual Conditions between User and Environmental Professional (If Applicable)
- 10.9 Historical Recognized Environmental Conditions (HREC) documentation provided (If Applicable)
- 10.10 Additional Information obtained

2) INTRODUCTION

2.1 PURPOSE

The report was prepared by Merritt Engineering Consultants, P.C., whose purpose is to provide comprehensive Phase I Environmental Site Assessments (ESA) in accordance with American Society of Testing Materials (ASTM E 1527-00) standards for a Phase I Environmental Site Assessment. The survey personnel are trained in the field of Environmental Site inspections as Certified Environmental Specialist (CES) by the Environmental Assessment Association as well as asbestos investigators by the Federal Environmental Protection Agency and NY State.

2.2 DETAILED SCOPE OF SERVICES

For the Phase I Environmental Site Assessment (ESA), Merritt Engineering Consultants (MEC) performed the following primary tasks:

1. *Physical site inspection by Merritt Engineering Consultants Certified Environmental Specialists (CES) who traversed the interior and exterior areas of the site by foot, in addition to conducting a review of adjacent areas and their exteriors.*
2. *Investigations of historical usage of site based upon:*
   a. *Interview of persons knowledgeable about the sites current and past usage.*
   b. *Review of Sanborn Fire Insurance Maps and/or a review of Local Building Department records and/or Aerial Photographs.*
3. *Review of USGS geologic and 7.5 Minute Topographical Maps.*
4. *Review of the federal and state environmental databases as per ASTM E1527-00 guidelines, as well as a review of pertinent information provided by local government records.*
5. *Limited survey of site for the presence of electrical transformers that may contain Poly-chlorinated biphenyl (PCBs).*
6. *Limited survey for the presence of friable asbestos containing material (ACM).*
7. *Limited survey of site for the presence of lead based paint surfaces within common areas.*
8. *Inspection of water supply, gas supply, garbage disposal practices, groundwater flow, storm and sanitary discharge methods.*
9. *Review of Radon averages.*
10. *Inspection for petroleum storage tanks, above and below grade, stored on site.*
11. *Review of report by a senior certified environmental specialist (CES).*

The following services are not included as part of this Phase I Assessment:

- Lead Based Paint Testing
- Soil Borings
- Testing of Water Main
- Wetlands Evaluation
- ACP-5 Asbestos Report
- High Voltage Power Lines
- Indoor Air Quality
- Radon Testing
- Non-friable Asbestos Testing
- Evaluation of Fluorescent light fixtures that may contain PCBs
- Endangered Species
- Ecological Resources
- Health & Safety
- Industrial Hygiene
- Cultural & Historical Risk
- Regulatory Compliance
- Testing for Mold Spores

2.3 SIGNIFICANT ASSUMPTIONS

Information and records provided by the client and outside vendors retained by Merritt Engineering Consultants are assumed to be correct and complete.

2.4 LIMITATIONS AND EXCEPTIONS

The contents of this report are correct to our knowledge and belief. This report and conclusions stated herein are, however, limited to actual knowledge based upon a visual inspection of the Property, the examination of readily available public records concerning the current and prior use of the Property, and interviews with individuals knowledgeable about present and past property uses.

Merritt Engineering Consultants, P.C., has performed this Phase I Environmental Site Assessment (ESA) of the Property in accordance with the detailed scope of work in section 2.2.

Merritt Engineering Consultants, P.C., cannot guarantee that the Property is completely free of hazardous substances or other materials or conditions that could subject the Client to potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of soil and groundwater samples, as well as through testing building materials that may contain asbestos or lead paint. This is beyond the scope of the investigation.

Merritt Engineering Consultants, P.C., has no interest other than professional in this Assessment and neither its performance, nor compensation for same, is contingent upon the findings and recommendations that are represented herein.

2.5 SPECIAL TERMS AND CONDITIONS

There are no special terms or conditions to the content of the report that are in addition to the scope outlined in Section 2.2.

2.6 RELIANCE

This Phase I Assessment was performed at the client's request utilizing methods and procedures that are consistent with acceptable professional standards ASTM-E1527-00.

The report has been prepared for the sole use of MEC's client. No other party may use the report without the written authority of MEC.

3) SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The property address is 108 Frost Avenue. The legal site address is Block 2738, Lot 15. The site is located in the Northside section of Brooklyn.

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The current site is situated on a plot size 2,500 square feet.

The current structure was built circa 1930.

The weather conditions during our on site inspection consisted of clear skies. The temperature was approximately 70°.

3.3 CURRENT USE OF THE PROPERTY

The current use of the site consists of one (1) vacant commercial unit.

The site usage appears to remain similar, since the building's construction (commercial).

None of the current tenants or their on site operations appear to pose an adverse environmental impact to the property or neighboring sites.

3.4 DESCRIPTIONS OF STRUCTURES, ROADS AND OTHER IMPROVEMENTS

The current site consists of a 1-story commercial building, located on a plot size approximately 2,500 square feet (building size is approximately 2,500 square feet). There are no basements or subbasements at the subject site. All utilities are located on the ground floor. The heating system for this site is located on the ground floor and is supplied by gas fired ceiling hung heating units.

3.5 CURRENT USES OF THE ADJOINING PROPERTIES

North	commercial / Front Street
South	residential
East	residential
West	2-story commercial

The adjacent properties do not appear to pose an adverse environmental impact to the site.

4) USER PROVIDED INFORMATION

4.1 TITLE RECORDS

No title records were provided.

4.2 ENVIRONMENTAL LIENS

No environmental liens were indicated.

4.3 SPECIALIZED KNOWLEDGE

No information regarding specialized knowledge was provided.

4.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

No information regarding the valuation reduction for environmental issues was provided by the owner.

4.5 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

The current owner of the site is Pierce Allen, Inc. which purchased the property in 2003.

4.6 REASON FOR PERFORMING PHASE I

Merritt Engineering was retained to perform a Phase I Environmental Site Assessment (ESA) as an agent for the buyer conducting a due diligence evaluation prior to purchasing site.

4.7 OTHER/ADDITIONAL INFORMATION PROVIDED

No additional information was provided.

5) RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

The federal government and New York State have compiled database lists of contaminated, potentially hazardous and regulated sites that may impact the subject property. Environmental Data Resources (EDR) has provided this information to Merritt Engineering Consultants.

5.2 DATABASE SEARCHES

The following Federal and State databases were reviewed by Merritt Engineering Consultants on June 30, 2004, with the corresponding distance.

Database	**Radius Searched**
FEDERAL	
1. Federal National Priority List	1 Mile
2. Federal CERCLIS list	½ Mile
3. Federal RCRA TSD facilities list	½ Mile
4. Federal RCRA generators list	Site & Adjacent Properties
5. Federal ERNS list	Site
STATE	
1. State lists of Haz. Waste Sites	1 Mile
2. State landfill/solid waste site lists	½ Mile
3. State leaking UST lists (LUSTs)	½ Mile
4. State registered tanks	Site & Adjacent Properties

FINDINGS

The closest 53 sites have been included in Appendix A.

National Priorities List (NPL) - list compiled by EPA pursuant to CERCLA 42 USC 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System.

Findings: No sites located within a 1-mile radius. **(See State Hazardous Waste Sites Maps)**

Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) - the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Findings: No sites located within a ½-mile radius.

Resource Conservation Recovery Act (RCRA) Treatment Storage Disposal (TSD) facilities - those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA. Inclusion on the RCRA TSD list does not imply contamination has occurred at the site.

Findings: No sites located within a ½-mile radius.

Resource Conservation Recovery Act (RCRA) generators list - list kept by EPA of those persons or entities that generate hazardous wastes as defined and regulated by RCRA. Inclusion on the RCRA list does not imply contamination has occurred at the site.

Findings: No generators listed at property.
13 generators listed within a ¼-mile radius.

Emergency Response Notification System (ERNS) list - list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 & 355.

Findings: Site not listed.

Department of Environmental Conservation (DEC) lists the contaminated sites throughout the State and classifies the degree of contamination. Number 1 being highly contaminated; number 5 being the least hazardous to the public.

code:

1. Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or environment - immediate action required;

2. Significant threat to the public health or environment - action required;

2a. Temporary classification assigned to sites that have inadequate and/or insufficient data for inclusion in any of the other classifications;

3. Does not present a significant threat to the public health or the environment - action may be deferred;

4. Site is properly closed - requires continued management;

5. Site is properly closed, no evidence of present or potential adverse impact - no further action is required.

Findings: No sites located within a 1-mile radius. **(See State Hazardous Waste Maps)**

Solid Waste Disposal Site - any place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump or by similar terms.

Findings: No sites located within a ½-mile radius.

Spill Logs/LUST list – New York Department of Environmental Conservation (NYDEC) has a computerized list of spills that have occurred as of 1986, including the present status of the sites. In addition, the leaking underground storage tank (LUST) database was also reviewed for reported incidents in the area.

Findings: 22 LUSTs located within a ½-mile radius.

10 NY Spills located within a 1/8-mile radius.

The closest sites are:

1) 398 Manhattan Avenue
NY Spill # 9608634
Spill date: 10/10/96
Close date: 10/10/96

2) 375 Manhattan Avenue
NY Spill # 9400072
Spill date: 4/3/94
Close date: 4/4/94

3) Meeker Ave & Leonard St
NY Spill # 9103785
Spill date: 6/28/94
Close date: Corrective action taken
Cause: Dielectric fluid spill

4) 392 Leonard Street
NY Spill # 9900802
Spill date: 4/21/99
Close date: 8/10/99

Since the spills have been closed by the New York State Department of Environmental Conservation (NYSDEC) or corrective action has been taken by the responsible party, they do not appear to adversely affect the subject site.

State registered tanks - state lists of storage tanks required to be registered under Subtitle I. Section 9002 of RCRA.

Findings: No registered tanks located on site.
7 registered tank sites located within a 1/8-mile radius.

ECOLOGICAL SENSITIVE AREA

Based on information provided by Environmental Data Resources (EDR), no designated wetlands or flood plains are located in the immediate vicinity of the property.

5.3 DATABASE SITE MAPS

A map provided by Merritt Engineering Consultants indicating the property and surrounding 1-mile radius has been included in Appendix A. The map denotes any National Priority Listed Sites (NPL) and State Hazardous Waste Sites (SHWS) sites within the ASTM radius of 1 mile.

5.4 ORPHAN SITES

Our database review indicated several sites that cannot be positively plotted (orphan sites). A total of 30 sites were classified as orphans.

The subject site does not appear on the orphan list.

5.5 LOCAL AGENCY REVIEW

We have researched the New York City Health & Fire Department records for any information of hazardous operations including, past spills, leaks or violations. The information we received from the Fire Department indicated no violations (See Appendix A).

The Health Department information has not yet been provided. We will forward any information that appears to impact the scope of this assessment.

5.6 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

No additional environmental records were researched.

None of the sites on the database or local agency review provided appear to impact the scope of this assessment.

5.7 PHYSICAL SETTING SOURCES

5.8 BODIES OF WATER

The nearest body of water to the subject site is the East River, which is approximately ½ mile west of the site.

5.9 GROUND WATER FLOW

Through information provided by EDR, hydrological data involving ground water flow has been obtained. Based on our findings, the hydrological groundwater flows in a westerly direction eventually emptying into the East River.

Groundwater in this area is at a depth of approximately 20-40 feet.

Drinking water for the five boroughs has been supplied by the New York reservoir system for many years (See Map in Appendix A). Groundwater is not a primary source of drinking water for Brooklyn. The property is not within a public potable well field protection area and is, therefore, not subject to land use restrictions for such areas.

5.10 SITE GEOLOGY AND TOPOGRAPHY

Information pertaining to the hydrogeologic setting in the vicinity of the subject property was obtained from a review of selected published documents and maps. United States Geological Survey (USGS) 7.5-minute Topographic Maps were used to characterize surface topography, water table elevation and drainage. Subsurface characteristics were obtained from USGS Surficial and Bedrock Geology Maps from the lower Hudson Sheet.

5.11 HISTORICAL USE INFORMATION ON THE PROPERTIES

Sanborn Fire Insurance maps of the site and immediate area were available for the years 1887, 1905, 1916, 1942, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983, 1986, 1987, 1988, 1989, 1991, 1992, 1993 & 1996. The maps indicate the following information:

- 1887 vacant lot with scattered dwellings
- 1905-1996 similar to current conditions

Sanborn maps from 1965-1996 indicate a gas tank on the target property. It is recommended the owner provide documentation for abandonment/removal of tank. Should no documentation be available, a phase II investigation should be conducted including a Ground Penetrating Radar scan (GPR) and soil borings to determine if any buried tanks or sub-surface contamination is present. (Approximate cost $5,000-$7,000)

5.12 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

The Sanborn Fire Insurance Maps reviewed by Merritt Engineering Consultants cover the adjoining properties on the **north, south, east & west.**

6) SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

At the time of our inspection, the following areas were accessed by Mr. James Merritt, of our staff: ground floor, mechanical areas, utilities areas, roof top, and all accessible exterior areas of the site.

6.2 GENERAL SITE SETTING

South side of Frost Street
Topography is flat

6.3 EXTERIOR OBSERVATIONS

No potential environmental conditions such as, dead vegetation, gas/chemical spills or storage drums were observed throughout the exterior areas at the time of our inspection.

6.4 INTERIOR OBSERVATIONS

The interior inspection revealed no evidence of any on-site spillage or disposal of chemicals or other hazardous materials.

6.5 UNDERGROUND STORAGE TANKS (UST) AND DRUMS

Each year, thousands of petroleum leaks and spills are reported to the Department of Environmental Conservation (DEC) / Department of Environmental Protection (DEP). Thousands of others may go unreported mainly because they have not yet been discovered. These leaks can enter the ground, seep into an aquifer and contaminate a water supply. In some places, water wells have been closed down and people have had to vacate their homes. Even small amounts of 0petroleum in soil or groundwater can be tasted or smelled and can subsequently affect health.

Leaking petroleum storage tanks are a major source of groundwater contamination. The DEC/DEP estimates that there may be as many as 185,000 tanks storing petroleum, which are subject to state regulations. Many of these tanks are bare steel and were installed underground in the 1950's and 1960's. These tanks have weakened by rust and have a fifty percent chance of developing leaks.

FINDINGS

A visual inspection and physical walkover of the property indicated that there are no signs of underground storage tanks (UST's) located on the property.

We have reviewed the Fire Departments records for underground storage tanks (UST's) and find no records of any tanks being located at this site (See Appendix A).

Sanborn maps from 1965-1996 indicate a gas tank on the target property. It is recommended the owner provide documentation for abandonment/removal of tank. Should no documentation be available, a phase II investigation should be conducted including a Ground Penetrating Radar scan (GPR) and soil borings to determine if any buried tanks or sub-surface contamination is present. (Approximate cost $5,000-$7,000)

6.6 ABOVEGROUND STORAGE TANKS (AST)

No above ground tanks or storage drums were observed in any of the accessible areas at the time of our inspection.

6.7 ASBESTOS

The EPA has identified over 3,000 products used in buildings containing asbestos fibers. Our inspection of the premises is to determine the presence of **friable asbestos**, as defined by the Federal Environmental Protection Agency as any material, which may be pulverized with hand pressure. This material has the potential to release asbestos fibers into the atmosphere and in turn may be hazardous to the building occupants' health.

We have not inspected for or included in our report any building materials, which may contain non-friable asbestos such as vinyl asbestos floor tiles, exterior asbestos shingles, asbestos roofing felts, etc. Many of these materials are still manufactured today and not considered hazardous unless the material is cut, sawed, or grounded in a manner that might release asbestos fibers into the atmosphere.

We have used the 4-category system as defined by Asbestos Hazardous Emergency Response Act (AHERA) to designate the different conditions of asbestos noted throughout the areas of the site.

1. *Good Condition*
   Material with no visible damage or deterioration to very limited damage or deterioration.

2. *Fair Condition*

Material with one or more of the following characteristics:

- *A few water stains or less than one tenth of insulation with missing jackets.*
- *Crushed insulation or water stains, gouges, puncture or mars on up to one tenth of the insulation if the damage is evenly distributed (or up to one quarter if the damage is localized).*

3. *Poor Condition*

Material with one or more of the following characteristics:

- *Missing jackets on at least one tenth of the piping equipment.*
- *Crushed or heavily gouged or punctured insulation on at least one tenth of pipe runs/risers, boiler, tank duct, etc., if the damage is evenly distributed (one quarter if the damage is localized).*

4. *Significantly Damaged*

Thermal systems insulation on pipes, boilers, tanks, ducts, and other thermal system insulation equipment which the insulation has lost its structural integrity, or its covering, in whole or in part, is crushed, water-stained, gouged, punctured, missing, or not intact such that is not able to contain fibers. Damage may be further illustrated by occasional puncture, gouges, or other signs of physical injury to ACM; occasional water damage on the protective coverings/jackets; or exposed ACM ends or joints. Asbestos debris, originating from the ACM in question may also indicate damage.

ASBESTOS FINDINGS

No friable asbestos containing material was observed in any of the accessible areas of the building.

Many buildings' fireproofing is concealed in a plenum above the ceiling. These areas were not accessible and, therefore, we are unable to determine the type of fireproofing for those areas above the first floor.

6.8 ELECTRICAL TRANSFORMERS (PCBs)

Transformers often contain Poly-chlorinated biphenyl (PCB) Askarel coolant liquid and are generally used in hazardous locations where flammability is of concern. PCB transformers are no longer produced because of EPA's ban on the manufacture of new equipment containing PCB's.

FINDINGS

No electrical transformers were observed on the property. Therefore, the release of toxic P.C.B. chemicals is not a concern.

Per to toxic substance contract act (TSCA) the transformer owner, i.e. Utility Company, is responsible for all transformers maintenance and all spills of PCB's from their transformers.

Fluorescent light fixtures were not inspected for PCB content under the scope of this assessment.

6.9 GARBAGE DISPOSAL

There are no active incinerators located on the property.

Since the site is unoccupied, there is currently no sanitation service.

6.10 LEAD BASED PAINT

Lead-based paint (LBP) was used extensively in buildings and structures that were constructed prior to 1978 and can be hazardous when damaged (i.e., chipped, broken, crumbling, pulverized); lead is toxic to humans particularly to children, if ingested, inhaled, or otherwise absorbed. Exposure to lead can cause health problems in children ranging from damage to the brain and nervous system, behavioral and learning problems (such as hyperactivity), slowed growth, hearing problems and headaches. In adults the health problems can range from difficulties during pregnancy, other reproductive problems, high blood pressure, digestive problems, nerve disorders, memory and concentration problems and muscle and joint pain.

Our research indicates the building was constructed prior to 1978, and lead based paint is assumed to be present throughout the building.

FINDINGS

The painted surface in the common areas inspected by Merritt Engineering Consultant's staff did not demonstrate signs of peeling or cracking. No samples of the paint were analyzed since this is beyond the scope of a Phase I Environmental Assessment.

In addition, the site is not used for residential purposes.

A lead based paint survey in accordance with The Housing & Urban Development (HUD) guidelines was not conducted under the scope of this assessment.

6.11 NATURAL GAS

There is one (1) underground gas main that enters the building from Frost Street. The main is connected to a meter located on the ground floor. The gas is then distributed to the heating system only.

Gas service is provided by Key Span.

6.12 RADON

Radon first gained national attention in early 1984, when extremely high levels of indoor radon were found in areas of Connecticut, Pennsylvania, New Jersey, and New York. Radon is a colorless, odorless radioactive gas. Nearly one out of every 15 homes in the U.S. is estimated to have elevated annual average levels of indoor radon. EPA established a Radon Program in 1985 to assist States and homeowners in reducing their risk of lung cancer from indoor radon.

FINDINGS

The New York State Department of Health indicates the average radon level for this area of New York to be 1.4 pico curies per liter (pCi/L), which is below the EPA action level of 4 pCi/L.

A radon canister was not initiated at the time of our inspection since this is beyond the scope of this assessment.

6.13 STORM AND SANITARY DISCHARGE

There are no cesspools or septic tanks located on the property. The drainage system for this building consists of a combination storm and sanitary drainage system, which empties by gravity into the New York City sewer system located under Frost Street.

6.14 WATER SUPPLY

The U.S. Environmental Protection Agency estimates that drinking water can comprise 20% or more of a person's total exposure to lead. Although lead in drinking water is rarely the single cause of lead poisoning, it can significantly increase a person's total lead exposure. Infants who are fed baby formula or drinks mixed with hot water from the tap are the most vulnerable to lead in drinking water. Lead solder can leach into the water supply. Standing water in the piping system can aid in the leaching process.

The EPA action level for lead in drinking water is 15 parts per billion, (PPB).

A sample with lead levels that equal or exceed 15 PPB is considered to have elevated levels of lead, and it is recommended that response action be taken. This response action may include additional testing, replacement of plumbing components, or an operations and maintenance program.

FINDINGS

A copper water main enters the property from Frost Street. The main is connected to a water meter located on the ground floor. The domestic water is supplied by New York City through aqua-ducts from upstate reservoirs.

There are no private ground water wells servicing this property.

No testing of the water was conducted under this scope.

7) INTERVIEWS

7.1 INTERVIEW WITH OWNER

The owner was not present during our inspection.

7.2 INTERVIEW WITH SITE REPRESENTATIVE

During our on-site visit, we interviewed Mr. Fred Rufrano, who is the real estate broker.

Copies of the above records of communications are included in Appendices, Section 10.6.

7.3 INTERVIEWS WITH OCCUPANTS (TENANTS)

No other individuals were interviewed regarding the facility.

7.4 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

MEC has retained Barretta Research to provide local government agency information which includes the following:

New York City Health Department
New York City Fire Department
New York City Department of Housing Preservation and Development

Copies of the above records of communications are included in Appendices, Section 10.4.

7.5 INTERVIEWS WITH OTHERS

No additional interviews were conducted as part of this assessment.

8) REPORT SUMMARY

The following Recognized Environmental Conditions (RECs) were noted at the time of our inspection.

A Recognized Environmental Condition means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under compliance with laws.

	ITEM	APPROXIMATE COST	PAGE
1a	Provide documentation for removal/abandonment of buried gasoline tank noted on Sanborn maps from 1965-1996	Cost not determined	13
	Should no documentation be available, a phase II investigation including soil borings and a Ground Penetrating Radar scan (GPR) should be conducted to determine if any buried tanks or sub surface contamination is present	$5,000-$7,000	13

In addition, no de minimis conditions were noted.

A de minimis condition is one that generally does not present a material risk of harm to public health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate governmental agencies (excluding local asbestos & lead situations).

No Historical Recognized Environmental Conditions (HRECs) were reported. In addition no evidence of HRECs were observed during our on-site inspection/ identified in our database search/historical review.

8.2 CONCLUSION

Merritt Engineering Consultants has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527 of 108 Frost Street, Brooklyn, New York, 11211, the property. Any exceptions to, or deletions from, this practice are described in Section [2.2] of this report.

8.3 OPINIONS

Based on our site reconnaissance, database review, historical review and interviews with persons familiar with the subject site and adjacent properties, the above Recognized Environmental Conditions (RECs) were identified under the scope of services outlined in Section 2.2. Further investigation is recommended.

Based on our site reconnaissance, database review, historical review and interviews with persons familiar with the subject site and adjacent properties, no de minimis conditions were identified under the scope of services outlined in Section 2.2.

No Historical Recognized Environmental Conditions were indicated or discovered during our on site inspection / database review / Historical Research.

8.4 DEVIATIONS

The assessment was performed in accordance with the Phase I (ESA) detailed scope of services in section 2.2, and the requirements of the detailed scope of work were met.

8.5 ADDITIONAL SERVICES

No additional services were performed beyond the detailed scope of services in section 2.2.

8.6 REFERENCES

All references relied upon are located in Appendix A.

9) CONSULTANT INFORMATION

9.1 QUALIFICATIONS AND SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

See Appendix A

We thank you for allowing Merritt Engineering Consultants, P.C., to serve as your Environmental Consultant for this project.

Should you have any questions regarding the contents of this report, please feel free to contact us to discuss the report in further detail.

Site Inspector:

James Merritt
Certified Environmental Specialist

Reviewed by:

Charles G. Merritt
Certified Environmental Specialist

10) APPENDICES

10.1 Site Photographs
10.2 Site (Vicinity) Map
10.3 Hazardous Waste Site Map
10.4 Regulatory Records Documentation
10.5 Historical Research Documentation
10.6 Interview Documentation
10.7 Qualifications
10.8 Special Contractual Conditions between User and Environmental Professional (If Applicable)
10.9 Historical Recognized Environmental Condition (HREC) documentation provided (if Applicable)
10.10 Additional information obtained

G:\Environmental\ASTM 2000Report/E17491/jam/rd/lh

10.1

SITE PHOTOGRAPHY

MERRITT ENGINEERING CONSULTANTS, P.C.
Environmental Engineering - Asbestos - Lead

28-08 Bayside Lane, Bayside, NY 11358
(718) 767-0923 Fax (718) 767-4920

SITE ADDRESS: 108 FROST STREET

PROJECT: E17491

GAS FIRED CEILING HUNG
HEATING UNIT

COPPER WATER MAIN
WITH METER

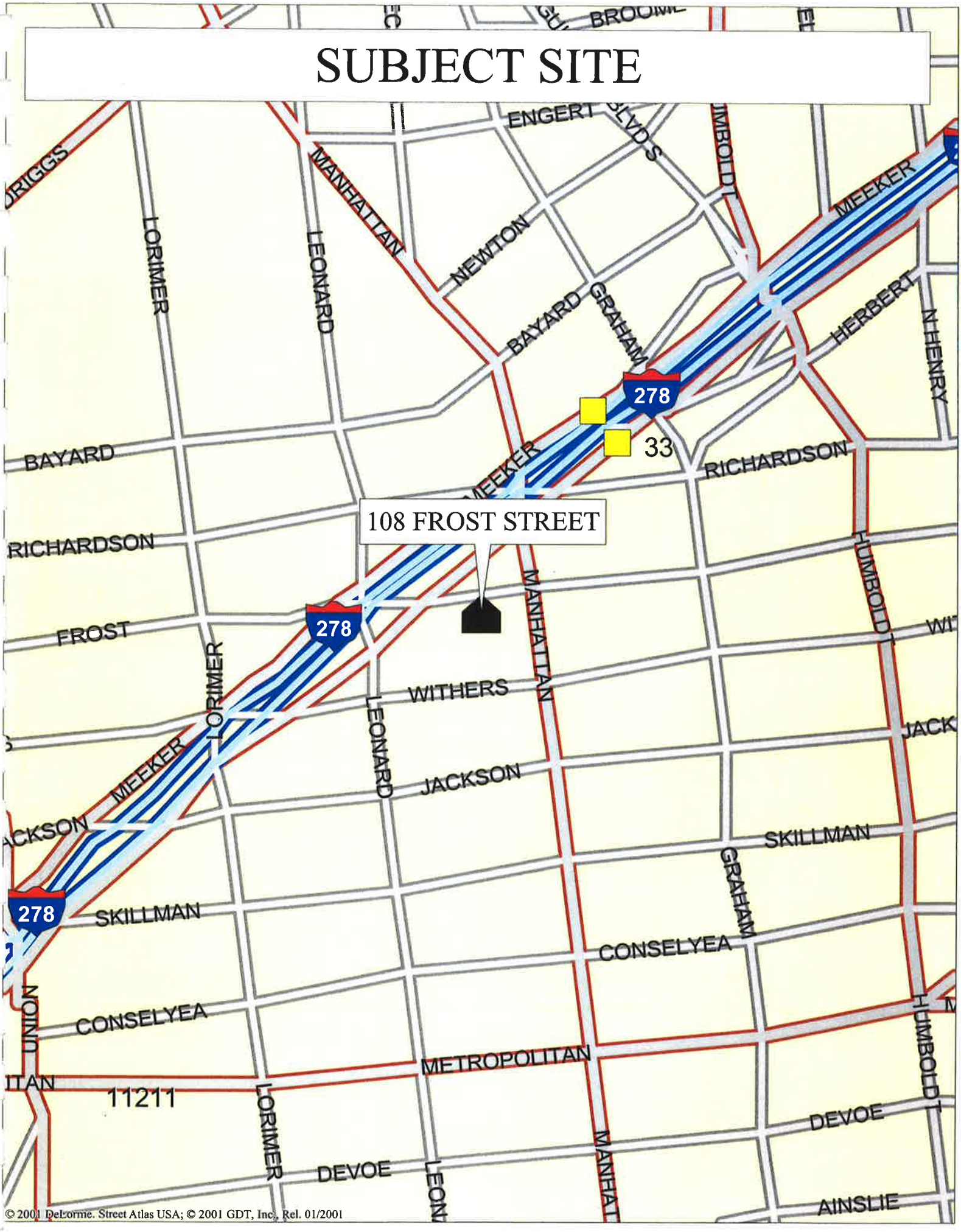
GAS METER
ON GROUND FLOOR

HOT WATER TANK
ON GROUND FLOOR

10.2

SITE VICINITY MAP

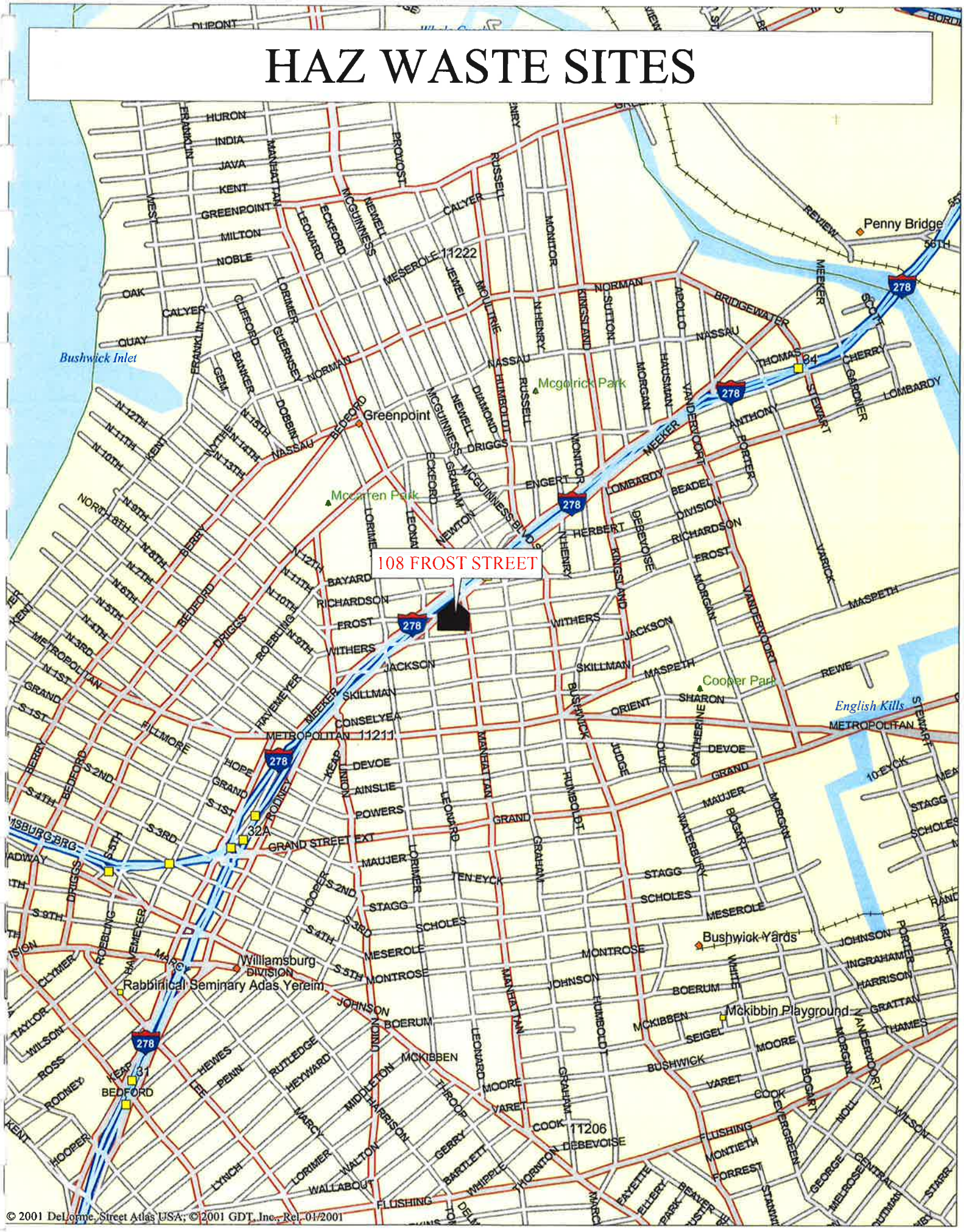
SUBJECT SITE



10. 3

HAZARDOUS WASTE SITE MAP

HAZ WASTE SITES



10.4

REGULATORY RECORDS DOCUMENTATION

TENTATIVE ASSESSMENT ROLL 2004-2005 | City of New York

Taxable Status Date: January 5, 2004

View 2003 FINAL ASSESSMENT ROLL
View 2004 FINAL ASSESSMENT ROLL

EXPLANATION OF ASSESSMENT ROLL

Parcel Information

◂◂ Previous BBL Next BBL ▸▸

Owner Name:
PIERCE ALLEN INC.

Property Address and Zip Code:
108 FROST STREET 11211

Real Estate Billing Name and Address:
PIERCE ALLEN INC
80 8TH AVE
NEW YORK NY 10011

Borough: BROOKLYN
Block: 2738
Lot: 15

Tax Class: 4
Building Class: G2 Codes

Land Information

Lot Size	Irregular	Corner
25.00FT X 100.00FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
1	25.00FT X 100.00FT		1

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		94,300
ACTUAL AV	13,005	42,435
ACTUAL EX AV	0	0
TRANS AV	13,761	41,697
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2004/05 TAXES WILL BE BASED ON	41,697

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

Class 1 - 8% **Class 2 - 45%** **Class 3 - 45%** **Class 4 - 45%**

06/25/04
0504

HPD Building, Registration & Violation Services --- Select --- Home

The selected address: 108 FROST STREET, Brooklyn 11211

HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	MDR#	Class
296371 Active	108-108	02738	0015	1	50100	1	0	0	PVT	0	N/A

Other Units

Registration

Emerg. Repairs

Charges

Map

All Violations

prior year Viol.'s

There is no registration information for this building.

No violations were retrieved.

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, N.Y. 11201-5884

ORDERID#: 4335386

RECORD SEARCH REQUEST

MAIL TO:
BARRETTA RESEARCH
1 OLD COUNTRY ROAD
CARLE PLACE NEW YORK 11514

CHECKED BY:

SEARCH NO.

TITLE NO CMERIT E17491

The undersigned request the following information re: Premises

108 FROST STREET — ADDRESS

BROOKLYN — BOROUGH

☐ 1. Record of existing Fire Department Violations — FEE: $10.00

☐ 2. Record of Permit for — FEE: $10.00

☒ 3. Other Underground Storage — FEE: $10.00

State applicants interest in relation to premises: TITLE INSURANCE

TOTAL FEE: $10.00

(THE CITY OF NEW YORK IS NOT BEING SUED, NOR IS THERE ANY INTENTION TO SUE THE CITY OF NEW YORK)

Signed BARRETTA

Date 24-JUN-04

DO NOT WRITE BELOW THIS LINE

Gentlemen:

In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M., JUN 16 2004 — 16 2004 the records show the following:

NO RECORD FOUND

SEARCH BY _____

Chief, in Charge
Division of Fire Prevention

VIOLATION RECORDED ABOVE ARE ONLY THOSE WHICH ARE A MATTER OF RECORD IN HEADQUARTERS OF THE DIVISION OF FIRE PREVENTION, AND MAY NOT INCLUDE VIOLATIONS ISSUED BY LOCAL UNITS.

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
BROOKLYN, N.Y. 11201-5884

ORDERID#: 4335386

RECORD SEARCH REQUEST

MAIL TO:
BARRETTA RESEARCH
1 OLD COUNTRY ROAD
CARLE PLACE NEW YORK 11514

CHECKED BY:

SEARCH NO.

TITLE NO CMERIT E17491

The undersigned request the following information re: Premises

X 108 FROST STREET — BROOKLYN

ADDRESS — BOROUGH

[X] 1. Record of existing Fire Department Violations — FEE: $10.00

[ ] 2. Record of Permit for — FEE: $10.00

[ ] 3. Other — FEE: $10.00

State applicants interest in relation to premises: TITLE INSURANCE

TOTAL FEE:$10.00

(THE CITY OF NEW YORK IS NOT BEING SUED, NOR IS THERE ANY INTENTION TO SUE THE CITY OF NEW YORK)

Signed Barretta Research

Date 24-JUN-04

DO NOT WRITE BELOW THIS LINE

Gentlemen:

In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M., JUN 16 2004 the records show the following:

NO VIOLATIONS
Bureau of Fire Prevention
Fire Dept. City of N.Y.

SEARCH BY _____

Chief, in Charge
Division of Fire Prevention

VIOLATION RECORDED ABOVE ARE ONLY THOSE WHICH ARE A MATTER OF RECORD IN HEADQUARTERS OF THE DIVISION OF FIRE PREVENTION, AND MAY NOT INCLUDE VIOLATIONS ISSUED BY LOCAL UNITS.

FIRE DEPARTMENT OF THE CITY OF NEW YORK

BUREAU OF FIRE PREVENTION
250 LIVINGSTON STREET
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TOTAL FEE: $10.00

(THE CITY OF NEW YORK IS NOT BEING SUED, NOR IS THERE ANY INTENTION TO SUE THE CITY OF NEW YORK)

Signed BARRETTA

Date 24-JUN-04

DO NOT WRITE BELOW THIS LINE

Gentlemen:

In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M., JUN 16 2004 — 16 2004 the records show the following:

NO RECORD FOUND

SEARCH BY _____

Chief, in Charge
Division of Fire Prevention

VIOLATION RECORDED ABOVE ARE ONLY THOSE WHICH ARE A MATTER OF RECORD IN HEADQUARTERS OF THE DIVISION OF FIRE PREVENTION, AND MAY NOT INCLUDE VIOLATIONS ISSUED BY LOCAL UNITS.

EDR™ Environmental
Data Resources Inc

The EDR Radius Map
with GeoCheck®

E17491
108 Frost Street
Brooklyn, NY 11211

Inquiry Number: 01218770.1r

June 24, 2004

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-BRA

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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

108 FROST STREET
BROOKLYN, NY 11211

COORDINATES

Latitude (North):	40.717900 - 40° 43' 4.4"
Longitude (West):	73.947100 - 73° 56' 49.6"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588930.1
UTM Y (Meters):	4507763.5
Elevation:	15 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	40073-F8 BROOKLYN, NY
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned
CORRACTS ..... Corrective Action Report
RCRIS-TSD ..... Resource Conservation and Recovery Information System
ERNS ..... Emergency Response Notification System

STATE ASTM STANDARD

SHWS ..... Inactive Hazardous Waste Disposal Sites in New York State

EXECUTIVE SUMMARY

SWF/LF..... Facility Register
MOSF UST..... Major Oil Storage Facilities Database
SWTIRE..... Registered Waste Tire Storage & Facility List
SWRCY..... Registered Recycling Facility List

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
US BROWNFIELDS..... A Listing of Brownfields Sites
INDIAN RESERV..... Indian Reservations
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS INSP..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

HSWDS..... Hazardous Substance Waste Disposal Site Inventory
CBS AST..... Chemical Bulk Storage Database
MOSF AST..... Major Oil Storage Facilities Database
DEL SHWS..... Delisted Registry Sites

BROWNFIELDS DATABASES

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

EXECUTIVE SUMMARY

FEDERAL ASTM STANDARD

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-LQG list, as provided by EDR, and dated 04/13/2004 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GLOSS-FLO CORP	*135 JACKSON ST*	*0 - 1/8 SE*	*22*	*41*

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 04/13/2004 has revealed that there are 12 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ALFRED S FRIEDMAN MANAGEMENT	*370 MANHATTAN AVENUE AP*	*0 - 1/8 SE*	*11*	*23*
NYC FIRE DEPT ENGINE CO 229	*75 RICHARDSON ST*	*0 - 1/8 WNW*	*C18*	*36*
SERVICE STATION	*64 FROST ST*	*0 - 1/8 W*	*D23*	*47*
NYSDOT BQE PROJECT	*MEEKER & LORIMER ST*	*1/8 - 1/4 WSW*	*E28*	*59*
BUONOMO CLEANERS G Y LEE CORPO	*448 HUMBOLDT ST*	*1/8 - 1/4 E*	*29*	*59*
P & G PHOTO ENGRAVING CO INC	*17 FROST ST*	*1/8 - 1/4 W*	*30*	*60*
NYC BD OF ED - PUBLIC SCHOOL 1	*320 MANHATTAN AVE*	*1/8 - 1/4 SSE*	*31*	*60*
NYC BD OF ED - IS 126K	*424 LEONARD ST*	*1/8 - 1/4 NNW*	*32*	*60*
GREENE LIGHTING FIXTURES INC	*40 WITHERS ST*	*1/8 - 1/4 WSW*	*33*	*61*
MOBIL OIL CORP SS #FX9	*550 HUMBOLDT ST*	*1/8 - 1/4 NNE*	*F34*	*61*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CITY BARREL & DRUM CO INC	*421 MEEKER AVE*	*0 - 1/8 NNE*	*12*	*24*
GRAF AIR PROPERTY	*407 LEONARD ST*	*0 - 1/8 NW*	*B13*	*24*

EXECUTIVE SUMMARY

STATE ASTM STANDARD

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

A review of the LTANKS list, as provided by EDR, and dated 02/10/2004 has revealed that there are 22 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GAS STATION	392 LEONARD STREET	0 - 1/8 WNW	A7	20
ENGINE COMPANY 229	75 RICHARDSON ST	0 - 1/8 WNW	C16	30
COOPER PARK	95 JACKSON STREET	0 - 1/8 SSW	20	39
MEEKER DISCOUNT MUFFLERS	64 FROST ST	0 - 1/8 W	D24	47
68 RICHARDSON STREET	68 RICHARDSON STREET	0 - 1/8 WNW	C27	57
MOBIL S/S	550 HUMBOLDT STREET	1/8 - 1/4 NNE	F35	67
BERKMAN BROS. INC.	***55 ECKFORD ST.***	***1/4 - 1/2 N***	***36***	***68***
BRUMAR SHEET METAL INC	498 LEONARD ST	1/4 - 1/2 NNW	38	71
2 BUSHWICK AVE/SHELL SERV	2 BUSHWICK AVENUE	1/4 - 1/2 SE	G39	71
METROPOLITAN AVE/MERRIT	METROPOLITAN / BUSHWICK	1/4 - 1/2 SE	G40	72
810 METROPOLITAN AVE	810 METROPOLITAN AVENUE	1/4 - 1/2 SE	41	74
SUNOCO S/S - BKLN	51 KINGSLAND AV	1/4 - 1/2 E	42	75
25 BUSHWICK AVE	25 BUSHWICK AVE	1/4 - 1/2 SE	44	77
6625 HAMBOLDT STREET	625 HAMBOLDT STREET	1/4 - 1/2 NNE	46	79
COOPER PARK HOUSING	295 JACKSON ST	1/4 - 1/2 E	H48	82
COOPER PARK	***295 JACKSON STREET***	***1/4 - 1/2 E***	***H49***	***83***
ADAMS DELI	112 NASSAU AVE	1/4 - 1/2 NNW	50	87
UNICO GAS STATION	445 METROPOLITIAN AVE	1/4 - 1/2 SW	51	88

Lower Elevation	Address	Dist / Dir	Map ID	Page
UNKNOWN GAS STATION	2 ROBLING ST	1/4 - 1/2 WNW	37	70
522 METROPOLITAN AVE	522 METROPOLITAN AVE	1/4 - 1/2 SW	43	76
PS 610	50 BEDFORD AVE	1/4 - 1/2 NW	45	78
S/W COR METROPOLITAN/MARC	S/W COR METROPOLITAN/MA	1/4 - 1/2 SW	47	80

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

A review of the UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 5 UST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
278 FUEL STOP, INC.	392 LEONARD STREET	0 - 1/8 WNW	A6	12
FDNY ENGINE 229 / LADDER 146	***75 RICHARDSON STREET***	***0 - 1/8 WNW***	***C17***	***31***
MOBILE SYSTEMS UNIT	75 FROST ST	0 - 1/8 W	D19	37
KULDIP INC.	64 FROST STREET	0 - 1/8 W	D25	48

Lower Elevation	Address	Dist / Dir	Map ID	Page
D L BRENNER & SONS INC	407 LEONARD ST	0 - 1/8 NW	B14	25

EXECUTIVE SUMMARY

CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GLOSS-FLO CORP	***135 JACKSON ST***	***0 - 1/8 SE***	***22***	***41***

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the VCP list, as provided by EDR, and dated 03/17/2004 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE OIL	1-65 NORTH 12TH STREET	1/4 - 1/2 WNW	52	89

STATE OR LOCAL ASTM SUPPLEMENTAL

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

A review of the AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 AST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
101 RICHARDSON STREET	101 RICHARDSON STREET	0 - 1/8 NW	A3	8
FDNY ENGINE 229 / LADDER 146	***75 RICHARDSON STREET***	***0 - 1/8 WNW***	***C17***	***31***

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

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

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GELFAND RES.	398 MANHATTAN AVE	0 - 1/8 E	1	6
375 MANHATTAN AVENUE	375 MANHATTAN AVENUE	0 - 1/8 SSE	2	7
MEEKER AVE & LEONARD ST	MEEKER AVE / LEONARD	0 - 1/8 WSW	4	9
Not reported	392 LEONARD ST	0 - 1/8 WNW	A5	10
FROST & MEEKER AVE	FROST / MEEKER AVE	0 - 1/8 W	8	20
SERVICE BOX	87 RICHARDSON ST	0 - 1/8 WNW	A9	21
MANHOLE (UNK #)	87 RICHARDSON ST	0 - 1/8 WNW	A10	22
MANHOLE #53380	MEEKER AVE/WITHERS ST	0 - 1/8 WSW	E26	56
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
407-413 LEONARD STREET	407 LEONARD ST.	0 - 1/8 NW	B15	30

Lower Elevation	Address	Dist / Dir	Map ID	Page
VS 3971	BAYARD ST/LENARD ST	0 - 1/8 NW	21	40

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there is 1 Coal Gas site within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
WILLIAMSBURGH GAS LIGHT CO.	41 N. 11TH ST.	1/2 - 1 WNW	53	89

BROWNFIELDS DATABASES

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use.
The program covers virtually any kind of site and contamination.

A review of the VCP list, as provided by EDR, and dated 03/17/2004 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

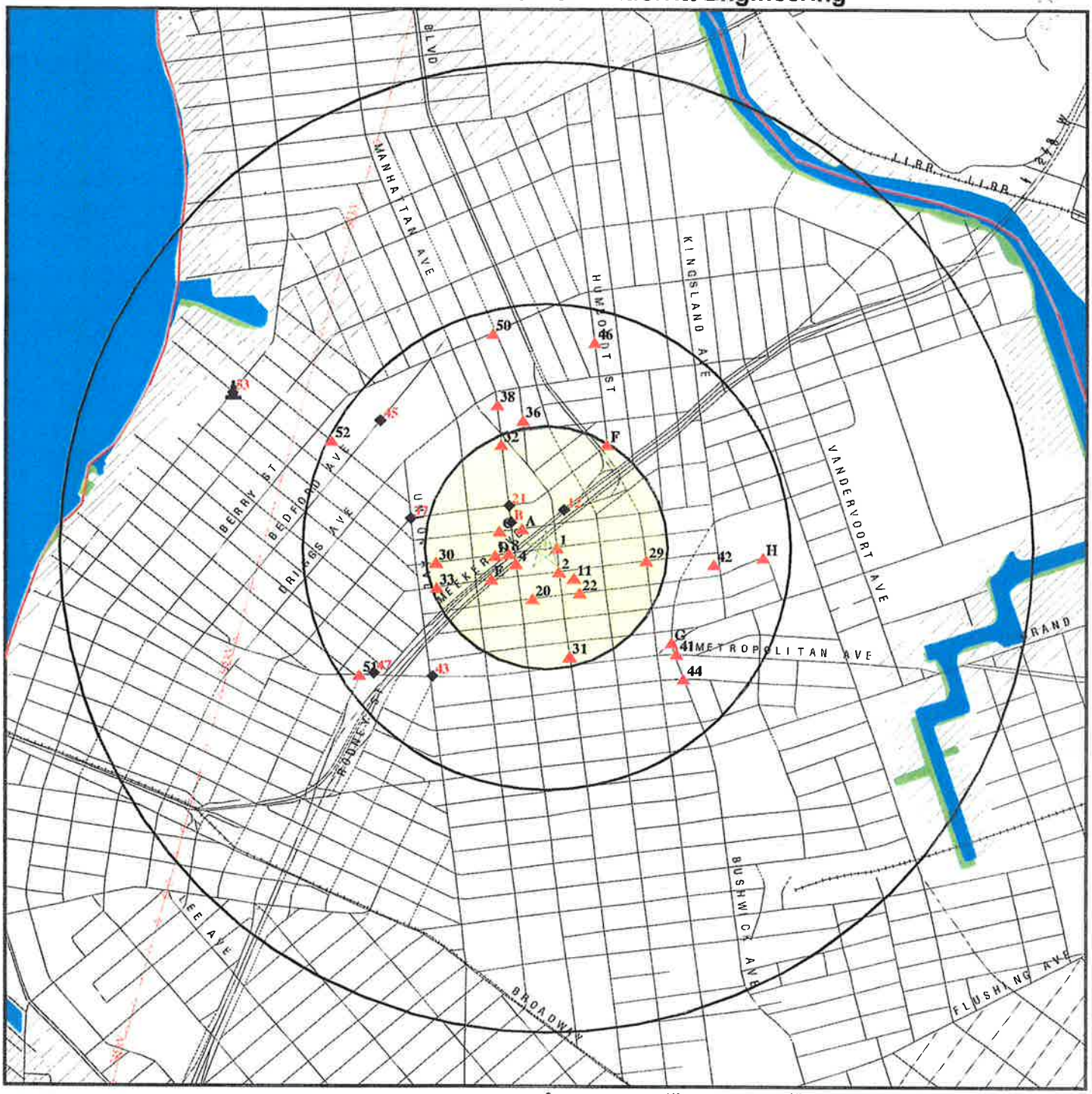
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BAYSIDE OIL	1-65 NORTH 12TH STREET	1/4 - 1/2 WNW	52	89

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
BQE/ANSBACHER COLOR & DYE FACTORY	SHWS
BJR REALTY CORP.	SWF/LF
NORTH AMERICAN RECYCLING; INC	SWF/LF
N. Y. PAVING CO.	SWF/LF
ORSANO CARTING CO.	SWF/LF
ORSANO CARTING	SWF/LF
PEREZ INTERBORO ASPHALT C	SWF/LF
COOPER TANK & WELDING CO.	SWF/LF
WASTE MANAGEMENT OF NY;LLC (75 THOMAS ST	SWF/LF
SAMTONE REALTY	AST
ST. STANISLAUS KOSTKA RC CHURCH	AST
NYSDOT CONTRACT D258425	RCRIS-SQG, FINDS
MTA NYCT - METROPOLITAN AVE STATION	RCRIS-SQG, FINDS
NYCDOT METROPOLITAN AVE BRG #2240290	RCRIS-SQG, FINDS
VS3871	RCRIS-SQG
NYCDOT BUREAU OF BRIDGES	FINDS, RCRIS-LQG
GREENPOINT AVE	NY Spills
KINGSLAND AVE	NY Spills
FRANKLIN ST/MANHATTAN AVE	NY Spills
MANHOLE #1399	NY Spills
MANHOLE #55944	NY Spills
METROPOLITAN AVENUE	NY Spills
BROOKLYN QUEENS EXPWY	NY Spills
ON NEWTOWN CREEK	NY Spills
NEWTON CREEK\MEEKER AVE	NY Spills
NEWTOWN CREEK- PAIGE AVE	NY Spills
PLEASANT / METROPOLITAN	NY Spills
E RIVER NEAR MANHATTAN BR	NY Spills
TM 2470	NY Spills

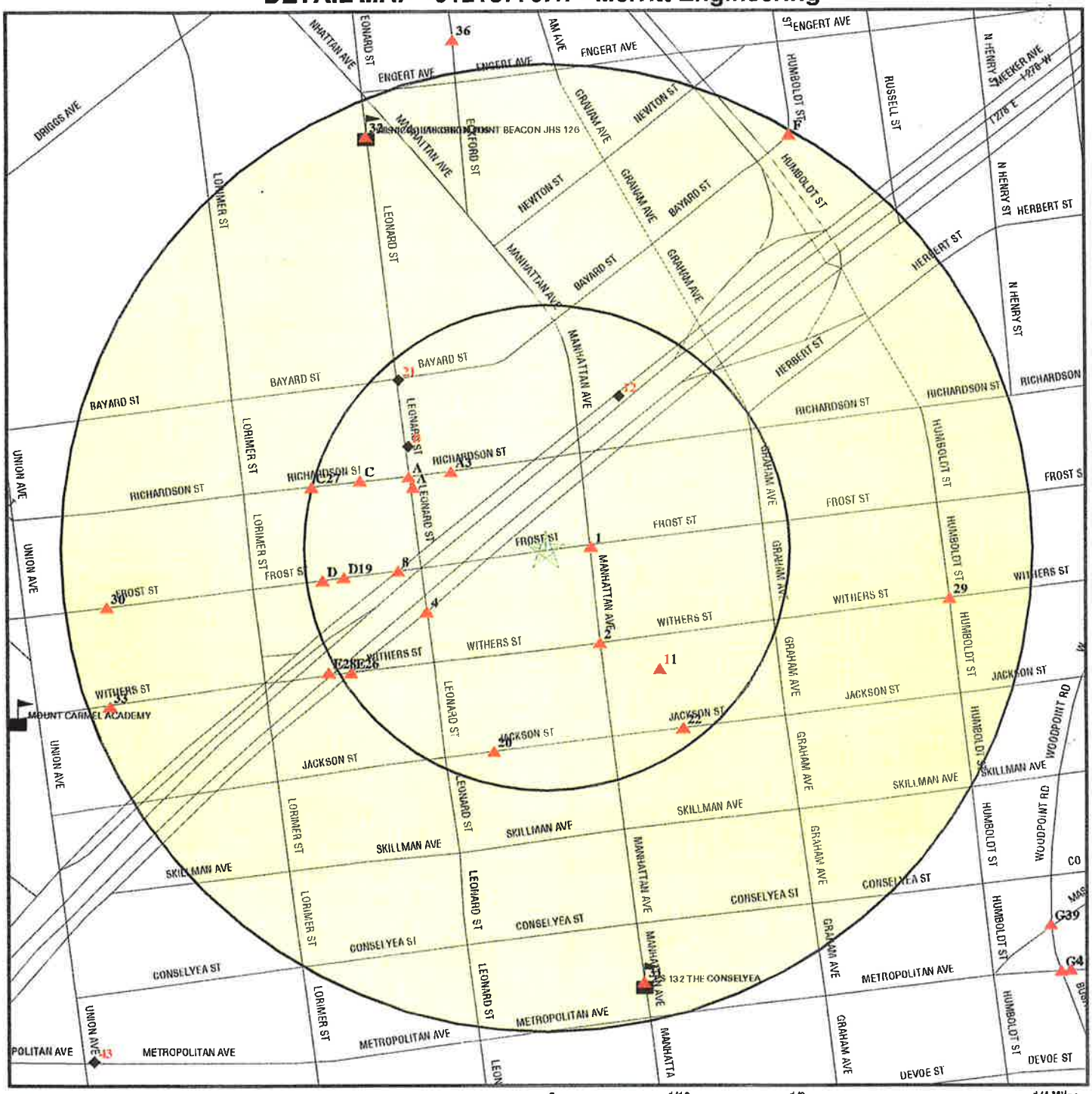
OVERVIEW MAP - 01218770.1r - Merritt Engineering



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- State Wetlands

TARGET PROPERTY:	E17491	CUSTOMER:	Merritt Engineering
ADDRESS:	108 Frost Street	CONTACT:	Rosanne Dempsey
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	01218770.1r
LAT/LONG:	40.7179 / 73.9471	DATE:	June 24, 2004 11:42 am

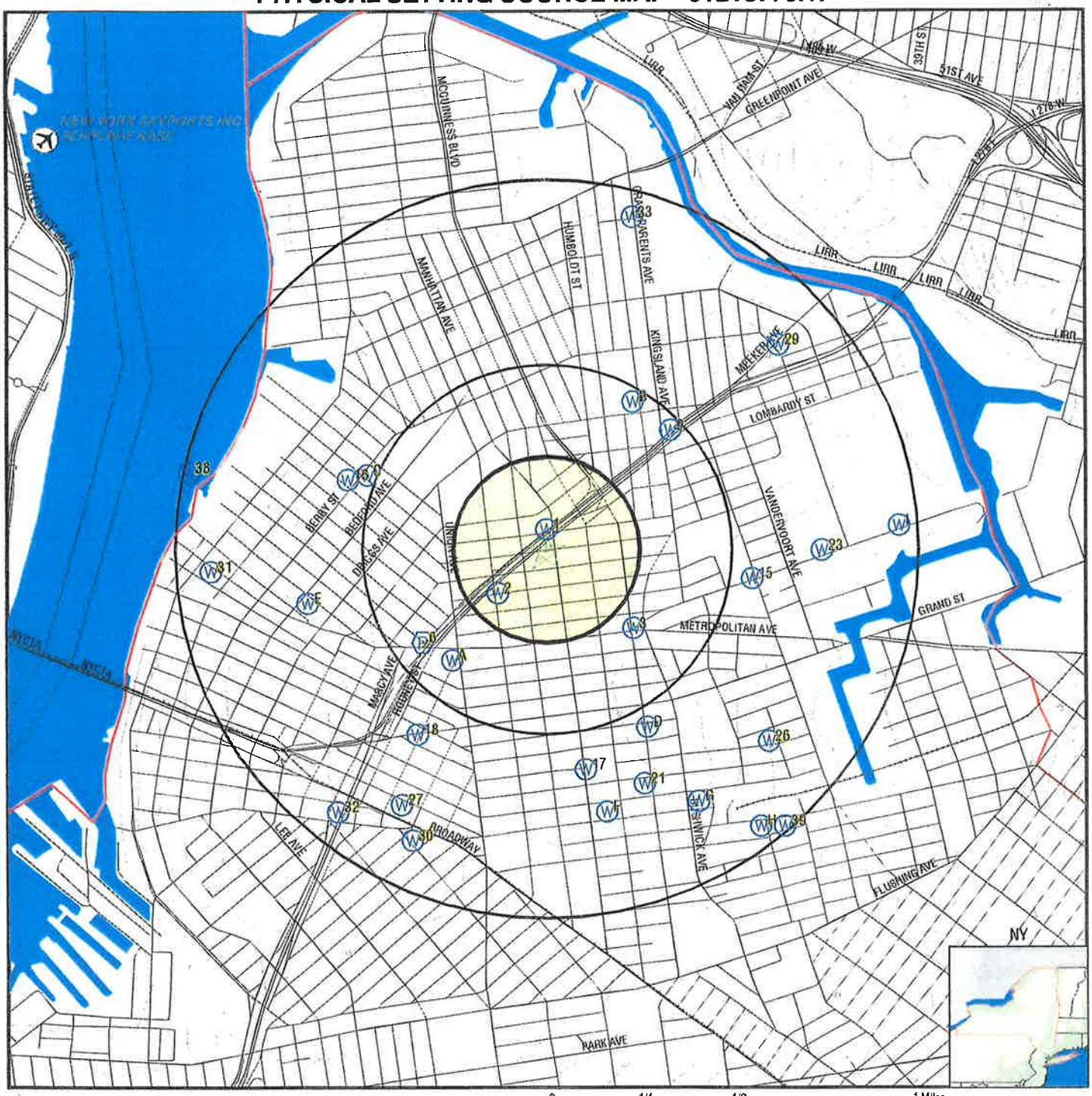
DETAIL MAP - 01218770.1r - Merritt Engineering



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines

TARGET PROPERTY:	E17491	CUSTOMER:	Merritt Engineering
ADDRESS:	108 Frost Street	CONTACT:	Rosanne Dempsey
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	01218770.1r
LAT/LONG:	40.7179 / 73.9471	DATE:	June 24, 2004 11:42 am

PHYSICAL SETTING SOURCE MAP - 01218770.1r



- 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
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data

TARGET PROPERTY:	E17491	CUSTOMER:	Merritt Engineering
ADDRESS:	108 Frost Street	CONTACT:	Rosanne Dempsey
CITY/STATE/ZIP:	Brooklyn NY 11211	INQUIRY #:	01218770.1r
LAT/LONG:	40.7179 / 73.9471	DATE:	June 24, 2004 11:43 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	1	0	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	5	7	NR	NR	NR	12
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LTANKS		0.500	5	1	16	NR	NR	22
UST		0.125	5	NR	NR	NR	NR	5
CBS UST		0.250	1	0	NR	NR	NR	1
MOSF UST		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1
SWTIRE		TP	NR	NR	NR	NR	NR	0
SWRCY		TP	NR	NR	NR	NR	NR	0
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
HSWDS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.125	2	NR	NR	NR	NR	2
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
NY Spills		0.125	10	NR	NR	NR	NR	10
DEL SHWS		1.000	0	0	0	0	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	1	NR	1
BROWNFIELDS DATABASES								
US BROWNFIELDS		TP	NR	NR	NR	NR	NR	0
Brownfields		TP	NR	NR	NR	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
East
< 1/8
122 ft.

GELFAND RES.
398 MANHATTAN AVE
BROOKLYN, NY

NY Spills

S102402139
N/A

Relative:
Equal

Actual:
15 ft.

SPILLS:

Spill Number:	9608634	Region of Spill:	2
Spill Date:	10/10/1996 14:30	Reported to Dept:	10/10/1996 15:40
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Tank Truck
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	MARTINKAT	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	ANNETTE ODONNEL	Spiller Phone:	(718) 647-1400
Spiller:	WEATHER FUEL OIL CO		
Spiller Address:	802 JAMAICA AVE BROOKLYN, NY 11208		
DEC Remarks :	Not reported		
Remark:	hose line broke on delivery truck spill to pavement and some to side of house clean up crew is enroute		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Tank Test:

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

Material:

Material Class Type:	1
Quantity Spilled:	5
Units:	Gallons
Unknown Qty Spilled:	5
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL
Last Date:	12/07/1994
Num Times Material Entry In File:	24464

Spill Closed Dt:	10/10/1996		
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported	Cleanup Meets Std:	False
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	Not reported	Enforcement Date:	Not reported
Invstgn Complete:	Not reported	UST Involvement:	False
Spill Record Last Update:	10/18/1996		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
Date Spill Entered In Computer Data File:	10/10/1996		

GELFAND RES. (Continued) **S102402139**

Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

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2 SSE < 1/8 295 ft. **375 MANHATTAN AVENUE** **NY Spills** **S102148042**
375 MANHATTAN AVENUE **N/A**
BROOKLYN, NY

Relative: Higher

Actual: 18 ft.

SPILLS:

Spill Number:	9400072	Region of Spill:	2
Spill Date:	04/03/1994 09:30	Reported to Dept:	04/04/1994 10:21
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Equipment Failure	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Private Dwelling
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	CAMMISA	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SAME		
Spiller Address:	Not reported		
DEC Remarks :	Not reported		
Remark:	LINE LEAKING - SPILL CONTAINED ON BASEMENT FL. APPLIED SPEEDI DRI - CLEANED VP - REPLACED NOZZLE LINE.		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Tank Test:

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

Material:

Material Class Type:	1	
Quantity Spilled:	-2	
Units:	Gallons	
Unknown Qty Spilled:	-2	
Quantity Recovered:	0	
Unknown Qty Recovered:	False	
Material:	#2 FUEL OIL	
Class Type:	Petroleum	
Chem Abstract Service Number:		#2 FUEL OIL
Last Date:		12/07/1994
Num Times Material Entry In File:		24464

Spill Closed Dt:	04/04/1994		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	04/04/1994		
Last Inspection:	Not reported	Cleanup Meets Std:	True
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Dt:	Not reported	Enforcement Date:	Not reported
Invstgn Complete:	Not reported	UST Involvement:	False
Spill Record Last Update:	Not reported		
Is Updated:	False		

375 MANHATTAN AVENUE (Continued) **S102148042**

Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/05/1994
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

A3
NW
< 1/8
334 ft.

Relative:
Equal

Actual:
15 ft.

101 RICHARDSON STREET **AST** **U003384288**
101 RICHARDSON STREET **N/A**
BROOKLYN, NY 11211

Site 1 of 6 in cluster A

PBS AST:

PBS Number:	2-090301	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.		
Facility Type:	MANUFACTURING		
Owner Type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Owner:	ISRAEL M DOLGIN ASSOCIATES 101 RICHARDSON ST BROOKLYN, NY 11211		
Owner Phone:	(718) 388-7700		
Facility Phone:	(718) 388-7700		
Operator:	PATRICK CORZIE		
Emergency Name:	NEIL A DOLGIN		
Emergency Phone:	(718) 388-7700		
Total Tanks:	1		
Total Capacity:	5000		
Tank ID:	001		
Capacity (Gal):	5000		
Missing Data for Tank :	Minor data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	/ /		
Tank Internal:	Not reported		
Tank External:	Not reported		
Tank Containment:	VAULT		
Pipe Type:	STEEL/IRON		
Pipe Location:	Not reported		
Pipe Internal:	Not reported		
Pipe External:	Not reported		
Leak Detection:	NONE		
Overfill Protection:	Product Level Gauge		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	False	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	ISRAEL M DOLGIN ASSOCIATES		
Mailing Address:	101 RICHARDSON ST BROOKLYN, NY 11211		
Mailing Contact:	NEIL A DOLGIN		
Mailing Telephone:	(718) 388-7700		
Owner Mark:	First Owner	Expiration Date:	03/24/2002
Certification Flag:	False	Certification Date:	02/06/1997

101 RICHARDSON STREET (Continued) **U003384288**

Renew Flag:	False	Renew Date:	11/13/2001
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	No data missing		
Tank Screen:	Minor data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

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4 **MEEKER AVE & LEONARD ST** **NY Spills** **S103271742**
WSW **MEEKER AVE / LEONARD ST** **N/A**
< 1/8 **BROOKLYN, NY**
368 ft.

Relative:
Higher

Actual:
17 ft.

SPILLS:

Spill Number:	9103785	Region of Spill:	2
Spill Date:	06/28/1991 07:39	Reported to Dept:	07/02/1991 16:00
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Human Error	Resource Affected:	In Sewer
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	O'CONNELL	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	(718) 486-6885
Spiller:	YONKERS CONST / CON ED		
Spiller Address:	Not reported		

DEC Remarks : 07/02/91: FEEDER LINE 61 FROM RAINEY SUBSTATION 35 VERNON BLVD) TO FARRAGUT SUBSTATION 89 JOHN ST) - 5 LINE, APPROX 4 MILES = 21,120 GALLONS OF DIELECTRIC OIL IN LINE 1.02 GALLONS PER FOOT). CON ED RICHARD BLACKMAN) DIRECTED YONKERS CONSTRUCT ION TO PUMP OIL/WATER MIXTURE IN THE OPEN EXCAVATION TO STORM SEWER. CONTAMINATED SOIL WAS REMOVED BY YONKERS CONST., NO TRANSPORTERS PERMIT. CLEANED UP.

Remark: NYSDOT CONTRACTOR YONKERS CONSTRUCTION,SUBCONTRACTOR NICHELSON WAS EXCAVATING,DIELECTRIC OIL SPILLED FROM A 5 LINE @ 250-300 PSI,OIL LEAKED INTO AN ADJACENT OPEN EXCAVATION CONTAMINATED SOIL.

Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:

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

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Pounds
Unknown Qty Spilled:	-1

MEEKER AVE & LEONARD ST (Continued) **S103271742**

Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Material Class Type: 1
Quantity Spilled: 0
Units: Pounds
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: DIELECTRIC FLUID
Class Type: Petroleum
Chem Abstract Service Number: DIELECTRIC FLUID
Last Date: Not reported
Num Times Material Entry In File: 41
Spill Closed Dt: Not Closed
Spill Notifier: Other
PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Std: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: Not reported
Enforcement Date: Not reported
Invstgn Complete: Not reported
UST Involvement: False
Spill Record Last Update: 06/04/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 07/10/1991
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

A5
WNW
< 1/8
400 ft.

Relative:
Equal

Actual:
15 ft.

392 LEONARD ST **NY Spills** **S104648903**
BROOKLYN, NY **N/A**

Site 2 of 6 in cluster A

SPILLS:
Spill Number: 9900802
Region of Spill: 2
Spill Date: 04/21/1999 13:00
Reported to Dept: 04/21/1999 13:08
ID: Not reported
Dt Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1 : Not reported
Amount Spilled 1 : Not reported
Spill Cause: Unknown
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Other Commercial/Industrial
Facility Contact: UNKNOWN
Facility Tele: ( ) -
Investigator: SANGESLAND
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller: Not reported
Spiller Address: 392 LEONARD ST
BROOKLYN, NY
DEC Remarks : 5/19/99 SPOKE TO REED TUROFF TRINITY CONSULTING - 718-257-8470) HE SAID THE OLD TANKS WERE PULLED IN APRIL. SINCE A PROBLEM WAS FOUND, NO

(Continued) **S104648903**

NEW TANKS HAVE BEEN INSTALLED AND THE OWNER OPERATOR ARE IN DISCUSSIONS AS TO WHO IS RESPONSIBLE AND WHAT WI
LL BE DONE. ACCORDING TO MR. TUROFF, THE OPERATORS ARE: KAY SINGH AND K. JANGI 718-388-3329). OWNERS ARE: DIMITRI DAVID) SHTAIRMAN AND WALTER ROMANSKY 718-388-3464) 7/28/99 SPOKE WITH DIMITRI SHTAIRMAN - HE SAYS A NEW LEASE WAS SIGNED WITH KA
Y SINGH FOR THE STATION AND MR. SINGH AS OPERATOR IS RESPONSIBLE FOR ALL ENVIRONMENTAL WORK ON THE SITE. DIMITRI SAYS THAT ALL CONTAMINATED SOIL HAS BEEN DUG OUT AND REMOVED. HE SAYS END POINT SAMPLES OF THE OPEN HOLE WERE TAKEN BY ASTEM LAB INC D
R. NORMAN MUNROE 718-459-3770). RIGHT NOW THE SITE HAS A LARGE OPEN HOLE AND THEY ARE NOW WAITING FOR THE CONTRACTOR TO INSTALL THE NEW TANK SYSTEM, BACKFILL AND REPAVE THE SITE. 8/10/99 - ASTEM LABORATORIES, INC. SUBMITTED A REPORT SHOWING 6 END P
OINT SAMPLES 1 EACH SIDE, 2 BOTTOM) TAKEN FROM PIT WHERE 550 TANKS WERE. ALL SAMPLES WERE TESTED FOR 8021 + MTBE. ALL RESULTS INDICATE BTEX AND MTBE WERE <50 PPB. CLOSE OUT CPT SAYS OK)

Remark: CALLER STATES THAT DURING REMOVAL OF 550 GAL TANKS CONTAMINATED SOIL WAS FOUND.

Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:

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

Material:

Material Class Type:	1	
Quantity Spilled:	0	
Units:	Gallons	
Unknown Qty Spilled:	No	
Quantity Recovered:	0	
Unknown Qty Recovered:	False	
Material:	MOTOR OIL	
Class Type:	Petroleum	
Chem Abstract Service Number:		MOTOR OIL
Last Date:		07/28/1994
Num Times Material Entry In File:		508

Spill Closed Dt: 08/10/1999
Spill Notifier: Other
Cleanup Ceased: Not reported
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt Not reported
Invstgn Complete: Not reported
Spill Record Last Update: 08/10/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/21/1999
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

PBS Number: Not reported
Cleanup Meets Std: False
Enforcement Date: Not reported
UST Involvement: False

A6
WNW
< 1/8
400 ft.

278 FUEL STOP, INC.
392 LEONARD STREET
BROOKLYN, NY 11211

UST **U003031010**
N/A

Site 3 of 6 in cluster A

Relative:
Equal

Actual:
15 ft.

PBS UST:

PBS Number:	2-510793	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	278 FUEL STOP, INC. (718) 388-3329		
Emergency Contact:	KULDEEP S SAHOTA (201) 548-1658		
Total Tanks:	5		
Owner:	278 FUEL STOP, INC. 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	278 FUEL STOP, INC. ATTN: KULDEEP S. SAKOTA, PRES 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	006	Install Date:	11/01/1939
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	1	Pipe Type:	STEEL/IRON
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	NONE/EXCAVATION LINER		
Leak Detection:	NONE/NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	16550	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/19/1999
Old PBS Number:	Not reported	Expiration Date:	02/16/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	RANJIT SINGH

278 FUEL STOP, INC. (Continued) **U003031010**

Emergency:	KULDEEP S SAHOTA		
Emergency Tel:	(201) 548-7413	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	KULDIP INC.		
Facility Address:	392 LEONARD STREET 392 LEONARD STREET BROOKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	11-3100131
Owner:	392-394 LEONARD STREET CORPORATION		
Owner Tel:	(718) 797-3967	Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported		
Mail Address:	392-394 LEONARD STREET CORPORATION 392 LEONARD STREET BROOKLYN, NY 11211 Not reported (718) 797-3967		
Owner Mark:	First Owner		
Certify Date:	02/05/2001	Expiration:	02/05/2001
Total Capacity (Gal):	6750		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 388-3329		
Num of Active Tanks :	6		
Facility Owner:	392-394 LEONARD STREET CORPORATION		
Facility Address:	392 LEONARD STREET BROOKLYN, NY 11211		
Owner Phone:	(718) 797-3967		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	02/16/1999		
Facility Record Updated:	True		

PBS Number:	2-510793	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	278 FUEL STOP, INC. (718) 388-3329		
Emergency Contact:	KULDEEP S SAHOTA (201) 548-1658		
Total Tanks:	5		
Owner:	278 FUEL STOP, INC. 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	278 FUEL STOP, INC. ATTN: KULDEEP S. SAKOTA, PRES 392 LEONARD STREET BROOKLYN, NY 11211		

278 FUEL STOP, INC. (Continued) **U003031010**

(718) 388-3329

Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	006A	Install Date:	04/01/1999
Tank Type:	Fiberglass coated steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/JACKETED		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	16550	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/19/1999
Old PBS Number:	Not reported	Expiration Date:	02/16/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	RANJIT SINGH		
Emergency:	KULDEEP S SAHOTA		
Emergency Tel:	(201) 548-7413	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	KULDIP INC.		
Facility Address:	392 LEONARD STREET 392 LEONARD STREET BROOKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	11-3100131
Owner:	392-394 LEONARD STREET CORPORATION		
Owner Tel:	(718) 797-3967	Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported		
Mail Address:	392-394 LEONARD STREET CORPORATION 392 LEONARD STREET BROOKLYN, NY 11211 Not reported (718) 797-3967		
Owner Mark:	First Owner		
Certify Date:	02/05/2001	Expiration:	02/05/2001
Total Capacity (Gal):	6750		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		

278 FUEL STOP, INC. (Continued) **U003031010**

County Facility:	6101
Facility Phone :	(718) 388-3329
Num of Active Tanks :	6
Facility Owner:	392-394 LEONARD STREET CORPORATION
Facility Address:	392 LEONARD STREET
	BROOKLYN, NY 11211
Owner Phone:	(718) 797-3967
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	02/16/1999
Facility Record Updated:	True

PBS Number:	2-510793	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	278 FUEL STOP, INC. (718) 388-3329		
Emergency Contact:	KULDEEP S SAHOTA (201) 548-1658		
Total Tanks:	5		
Owner:	278 FUEL STOP, INC. 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	278 FUEL STOP, INC. ATTN: KULDEEP S. SAKOTA, PRES 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	007A	Install Date:	04/01/1999
Tank Type:	Fiberglass coated steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/JACKETED		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	16550	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/19/1999

278 FUEL STOP, INC. (Continued) **U003031010**

Old PBS Number:	Not reported	Expiration Date:	02/16/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	RANJIT SINGH		
Emergency:	KULDEEP S SAHOTA		
Emergency Tel:	(201) 548-7413	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	KULDIP INC.		
Facility Address:	392 LEONARD STREET 392 LEONARD STREET BROOKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	11-3100131
Owner:	392-394 LEONARD STREET CORPORATION		
Owner Tel:	(718) 797-3967	Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported		
Mail Address:	392-394 LEONARD STREET CORPORATION 392 LEONARD STREET BROOKLYN, NY 11211 Not reported (718) 797-3967		
Owner Mark:	First Owner		
Certify Date:	02/05/2001	Expiration:	02/05/2001
Total Capacity (Gal):	6750		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 388-3329		
Num of Active Tanks :	6		
Facility Owner:	392-394 LEONARD STREET CORPORATION		
Facility Address:	392 LEONARD STREET BROOKLYN, NY 11211		
Owner Phone:	(718) 797-3967		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	02/16/1999		
Facility Record Updated:	True		

PBS Number:	2-510793	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	278 FUEL STOP, INC. (718) 388-3329		
Emergency Contact:	KULDEEP S SAHOTA (201) 548-1658		
Total Tanks:	5		

278 FUEL STOP, INC. (Continued) **U003031010**

Owner:	278 FUEL STOP, INC. 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	278 FUEL STOP, INC. ATTN: KULDEEP S. SAKOTA, PRES 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	008A	Install Date:	04/01/1999
Tank Type:	Fiberglass coated steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	NONE/JACKETED		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/DOUBLED-WALLED TANK		
Leak Detection:	INTERSTITIAL MONITORING/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Submersible
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	16550	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/19/1999
Old PBS Number:	Not reported	Expiration Date:	02/16/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	RANJIT SINGH		
Emergency:	KULDEEP S SAHOTA		
Emergency Tel:	(201) 548-7413	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	KULDIP INC.		
Facility Address:	392 LEONARD STREET 392 LEONARD STREET BROOKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	11-3100131
Owner:	392-394 LEONARD STREET CORPORATION		
Owner Tel:	(718) 797-3967	Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported		

278 FUEL STOP, INC. (Continued) **U003031010**

Mail Address:	392-394 LEONARD STREET CORPORATION 392 LEONARD STREET BROOKLYN, NY 11211 Not reported (718) 797-3967		
Owner Mark:	First Owner		
Certify Date:	02/05/2001	Expiration:	02/05/2001
Total Capacity (Gal):	6750		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 388-3329		
Num of Active Tanks :	6		
Facility Owner:	392-394 LEONARD STREET CORPORATION		
Facility Address:	392 LEONARD STREET BROOKLYN, NY 11211		
Owner Phone:	(718) 797-3967		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	02/16/1999		
Facility Record Updated:	True		

PBS Number:	2-510793	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	278 FUEL STOP, INC. (718) 388-3329		
Emergency Contact:	KULDEEP S SAHOTA (201) 548-1658		
Total Tanks:	5		
Owner:	278 FUEL STOP, INC. 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	278 FUEL STOP, INC. ATTN: KULDEEP S. SAKOTA, PRES 392 LEONARD STREET BROOKLYN, NY 11211 (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	08/01/1972
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	FIBERGLASS [FRP]
Tank External:	PAINTED/ASPHALT COATING/SACRIFICIAL ANODE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/NONE		

278 FUEL STOP, INC. (Continued) **U003031010**

Leak Detection:	NONE/IN-TANK SYSTEM		
Overfill Prot:	High Level Alarm, Catch Basin	Dispenser:	Submersible
Date Tested:	01/01/1994	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	16550	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	02/19/1999
Old PBS Number:	Not reported	Expiration Date:	02/16/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	RANJIT SINGH		
Emergency:	KULDEEP S SAHOTA		
Emergency Tel:	(201) 548-7413	Old PBSNO:	Not reported
Facility Type:	RETAIL GASOLINE SALES		
Facility Owner:	KULDIP INC.		
Facility Address:	392 LEONARD STREET 392 LEONARD STREET BROOKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	11-3100131
Owner:	392-394 LEONARD STREET CORPORATION		
Owner Tel:	(718) 797-3967	Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported		
Mail Address:	392-394 LEONARD STREET CORPORATION 392 LEONARD STREET BROOKLYN, NY 11211 Not reported (718) 797-3967		
Owner Mark:	First Owner		
Certify Date:	02/05/2001	Expiration:	02/05/2001
Total Capacity (Gal):	6750		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 388-3329
Num of Active Tanks :	6
Facility Owner:	392-394 LEONARD STREET CORPORATION
Facility Address:	392 LEONARD STREET BROOKLYN, NY 11211
Owner Phone:	(718) 797-3967
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported

278 FUEL STOP, INC. (Continued) **U003031010**

Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 02/16/1999
Facility Record Updated: True

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
4 additional NY PBS record(s) in the EDR Site Report.

A7
WNW
< 1/8
402 ft.

Relative:
Equal

Actual:
15 ft.

GAS STATION **LTANKS** **S106124543**
392 LEONARD STREET **N/A**
BROOKLYN, NY

Site 4 of 6 in cluster A

LTANKS:

Spill Number:	0310672	Region of Spill:	2
Tank Number:	Not reported	Tank Size :	Not reported
Test Method:	Not reported	Leak Rate:	Not reported
Spill Date:	12/16/2003	Reported to Dept:	Not reported
ID:	33899	Date Call Received:	12/16/2003
Material Spilled 1 :	DIESEL	Amount Spilled 1 :	0 lbs.
Region Close Dt :	12/16/2003		
Resource Affectd:	IN SEWER		
Spill Cause:	TANK FAILURE		
Water Affected:	Not reported	Spill Source:	GASOLINE STATION

8
West
< 1/8
409 ft.

Relative:
Higher

Actual:
17 ft.

FROST & MEEKER AVE **NY Spills** **S103484252**
FROST / MEEKER AVE **N/A**
BROOKLYN, NY

SPILLS:

Spill Number:	9806871	Region of Spill:	2
Spill Date:	09/03/1998 12:12	Reported to Dept:	09/04/1998 11:02
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date :	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Abandoned Drums	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Gas Station
Facility Contact:	CALLER	Facility Tele:	(718) 482-6451
Investigator:	TOMASELLO	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	ABANDONED GASOLINE STA.		
Spiller Address:	FOURTH & MEEKER AVE BROOKLYN, NY		
DEC Remarks :	Not reported		
Remark:	call recv ed from citi en. Re:abandoned tanks, tipped over.		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported

FROST & MEEKER AVE (Continued) **S103484252**

Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 4
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN MATERIAL
Class Type: Unknown
Chem Abstract Service Number: UNKNOWN MATERIAL
Last Date: 11/09/1994
Num Times Material Entry In File: 9140
Spill Closed Dt: Not Closed
Spill Notifier: DEC
PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Std: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: Not reported
Enforcement Date: Not reported
Invstgn Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/11/1998
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 09/04/1998
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

A9
WNW
< 1/8
423 ft.

Relative:
Equal

Actual:
15 ft.

SERVICE BOX **NY Spills** **S104790576**
87 RICHARDSON ST **N/A**
BROOKLYN, NY

Site 5 of 6 in cluster A

SPILLS:
Spill Number: 0008222
Region of Spill: 2
Spill Date: 10/13/2000 11:00
Reported to Dept: 10/13/2000 11:36
ID: Not reported
Dt Call Received: Not reported
Region Close Date: Not reported
Material Spilled 1 : Not reported
Amount Spilled 1 : Not reported
Spill Cause: Unknown
Resource Affected: On Land
Water Affected: Not reported
Spill Source: Unknown
Facility Contact: CALLER
Facility Tele: ( ) -
Investigator: FOLEY
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: UNK
Spiller Phone: (000) 000-0000
Spiller: UNK
Spiller Address: UNK
UNK
DEC Remarks : e2mis Notes: 1 pint unknown oil on 300 gallons water. Appears to be contained to structure. Oil ID not able to be run due to insufficient amount of material recovered. PCB sample <1ppm. Cleanup completed by double washing with slix. Liquids and

SERVICE BOX (Continued) **S104790576**

solids removed by tanker and vactor. No leaking equipment. KMF 4/3/01.
Remark: CALLER REPORTING A SPILL OF MATERIAL FROM AN UNK SOURCE CONED 133919
SAMPLES TAKEN CLEAN UP PENDING LAB RESULTS NO CALLBACK NECESSARY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Spill Closed Dt: 03/27/2001
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported Cleanup Meets Std: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: Not reported Enforcement Date: Not reported
Invstgn Complete: Not reported UST Involvement: False
Spill Record Last Update: 04/03/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/13/2000
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

A10
WNW
< 1/8
423 ft.

MANHOLE (UNK #)
87 RICHARDSON ST
BROOKLYN, NY

NY Spills **S104652483**
N/A

Site 6 of 6 in cluster A

Relative:
Equal

Actual:
15 ft.

SPILLS:
Spill Number: 0001500 Region of Spill: 2
Spill Date: 05/05/2000 16:30 Reported to Dept: 05/05/2000 18:29
ID: Not reported
Dt Call Received: Not reported Region Close Date: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Spill Cause: Unknown Resource Affected: On Land
Water Affected: Not reported Spill Source: Unknown
Facility Contact: BRIAN JOYCE Facility Tele: (212) 580-6763
Investigator: O'CONNELL SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported

MANHOLE (UNK #) (Continued) **S104652483**

Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: UNKNOWN
Spiller Address: Not reported
DEC Remarks : Con Ed e2mis 131243 Notes: 5-5-00 1/2pt unknown oil on 3gal water. Liquid sample taken returned <1ppm PCB. CLeanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment.
Remark: ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. AMOUNT REPORTED AS 3 OUNCES. MATERIAL ONTOP OF 3 GALLONS OF WATER. SAMPLE TAKEN AND CLEANUP IS PENDING RESULTS. CON ED NOT AVAILABLE. NO CALL BACK REQUESTED.
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Spill Closed Dt: 09/21/2001
Spill Notifier: Affected Persons PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported Cleanup Meets Std: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt Not reported Enforcement Date: Not reported
Invstgn Complete: Not reported UST Involvement: False
Spill Record Last Update: 11/23/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 05/05/2000
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

11
SE
< 1/8
448 ft.

ALFRED S FRIEDMAN MANAGEMENT **RCRIS-SQG 1000981318**
370 MANHATTAN AVENUE APT 3I **FINDS NY0000965145**
NEW YORK, NY 10026

Relative:
Higher

Actual:
19 ft.

ALFRED S FRIEDMAN MANAGEMENT (Continued) **1000981318**

RCRIS:
Owner: ALFRED S FRIEDMAN MGMT
(212) 736-6888
EPA ID: NY0000965145
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

12
NNE
< 1/8
458 ft.

CITY BARREL & DRUM CO INC
421 MEEKER AVE
BROOKLYN, NY 11222

RCRIS-SQG **1000439573**
FINDS **NYD068298835**
CERC-NFRAP

Relative:
Lower

Actual:
14 ft.

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Non NPL Code: NFRAP
Ownership Status: Other
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
CERCLIS-NFRAP Assessment History:
Assessment: DISCOVERY Completed: 04/25/1980
Assessment: PRELIMINARY ASSESSMENT Completed: 09/02/1987
Assessment: ARCHIVE SITE Completed: 09/02/1987

RCRIS:
Owner: HARRY GOLDSTEIN
(212) 555-1212
EPA ID: NYD068298835
Contact: HARRY GOLDSTEIN
(201) 388-9227
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

B13
NW
< 1/8
467 ft.

GRAF AIR PROPERTY
407 LEONARD ST
BROOKLYN, NY 11222

RCRIS-SQG **1000457706**
FINDS **NYD986929677**

Site 1 of 3 in cluster B

Relative:
Lower

Actual:
14 ft.

GRAF AIR PROPERTY (Continued) **1000457706**

RCRIS:
Owner: GRAF AIR PROPERTY
(212) 555-1212
EPA ID: NYD986929677
Contact: PAT FITZGERALD
(815) 338-3120
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

B14 **D L BRENNER & SONS INC** **UST** **U000400141**
NW **407 LEONARD ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
467 ft.

Site 2 of 3 in cluster B

Relative:
Lower

Actual:
14 ft.

PBS UST:

PBS Number:	2-257958	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	D L BRENNER & SONS INC (718) 387-8785		
Emergency Contact:	A BRENNER (718) 387-8785		
Total Tanks:	0		
Owner:	D L BRENNER REALTY 508 BRIARWOOD CIRCLE HOLLYWOOD, FL 33024 (305) 981-0568		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PATRICK J. FITZGERALD P.O BOX 48 13711 JACKSON ST RD WOODSTOCK, IL 60098 (305) 981-0568		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		

D L BRENNER & SONS INC (Continued) **U000400141**

Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	10/01/1990	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	True	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	08/24/1987
Old PBS Number:	Not reported	Expiration Date:	08/24/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-257958	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	D L BRENNER & SONS INC (718) 387-8785		
Emergency Contact:	A BRENNER (718) 387-8785		
Total Tanks:	0		
Owner:	D L BRENNER REALTY 508 BRIARWOOD CIRCLE HOLLYWOOD, FL 33024 (305) 981-0568		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PATRICK J. FITZGERALD P.O BOX 48 13711 JACKSON ST RD WOODSTOCK, IL 60098 (305) 981-0568		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	DIESEL
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	10/01/1990	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	True	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		

D L BRENNER & SONS INC (Continued) **U000400141**

Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	08/24/1987
Old PBS Number:	Not reported	Expiration Date:	08/24/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-257958	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	D L BRENNER & SONS INC (718) 387-8785		
Emergency Contact:	A BRENNER (718) 387-8785		
Total Tanks:	0		
Owner:	D L BRENNER REALTY 508 BRIARWOOD CIRCLE HOLLYWOOD, FL 33024 (305) 981-0568		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PATRICK J. FITZGERALD P.O BOX 48 13711 JACKSON ST RD WOODSTOCK, IL 60098 (305) 981-0568		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	10/01/1990	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	True	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	08/24/1987
Old PBS Number:	Not reported	Expiration Date:	08/24/1992
Inspected Date:	Not reported	Inspector:	Not reported

D L BRENNER & SONS INC (Continued) **U000400141**

Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-257958	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	D L BRENNER & SONS INC (718) 387-8785		
Emergency Contact:	A BRENNER (718) 387-8785		
Total Tanks:	0		
Owner:	D L BRENNER REALTY 508 BRIARWOOD CIRCLE HOLLYWOOD, FL 33024 (305) 981-0568		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PATRICK J. FITZGERALD P.O BOX 48 13711 JACKSON ST RD WOODSTOCK, IL 60098 (305) 981-0568		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	10/01/1990	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	True	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	08/24/1987
Old PBS Number:	Not reported	Expiration Date:	08/24/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		

D L BRENNER & SONS INC (Continued) **U000400141**

Region:	2		
PBS Number:	2-257958	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	D L BRENNER & SONS INC (718) 387-8785		
Emergency Contact:	A BRENNER (718) 387-8785		
Total Tanks:	0		
Owner:	D L BRENNER REALTY 508 BRIARWOOD CIRCLE HOLLYWOOD, FL 33024 (305) 981-0568		
Owner Type:	Not reported		
Owner Mark:	First Owner		
Owner Subtype:	Not reported		
Mailing Address:	PATRICK J. FITZGERALD P.O BOX 48 13711 JACKSON ST RD WOODSTOCK, IL 60098 (305) 981-0568		
Tank Status:	Closed - Removed		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	OTHER
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	NONE		
Overfill Prot:	2	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	10/01/1990	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	True	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	0	Renewal Date:	Not reported
Tank Screen:	0	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	Minor data missing
Certification Flag:	False	Certification Date:	08/24/1987
Old PBS Number:	Not reported	Expiration Date:	08/24/1992
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	Not reported		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

B15 **407-413 LEONARD STREET** **NY Spills** **S106000912**
NW **407 LEONARD ST.** **N/A**
< 1/8 **BROOKLYN, NY**
470 ft.

Site 3 of 3 in cluster B

Relative: **Lower**

Actual: **14 ft.**

SPILLS:

Spill Number:	0130048	Region of Spill:	2
Tank Number:	Not reported	Tank Size :	Not reported
Test Method:	Not reported	Leak Rate:	Not reported
Spill Date:	11/15/2001	Reported to Dept:	Not reported
ID:	1352		
Date Call Received:	02/05/2002		
Region Close Date :	/ /		
Material Spilled 1 :	DIESEL	Amount Spilled 1 :	Unknown Gal.
Material Spilled 2 :	KEROSENE	Amount Spilled 2 :	Unknown Gal.
Spill Cause:	GROUNDWATER	Resource Affected:	GROUNDWATER
Water Affected:	Not reported	Spill Source:	OTHER COMM/INDUSTRIAL

C16 **ENGINE COMPANY 229** **LTANKS** **S102619299**
WNW **75 RICHARDSON ST** **N/A**
< 1/8 **BROOKLYN, NY**
540 ft.

Site 1 of 4 in cluster C

Relative: **Equal**

Actual: **15 ft.**

LTANKS:

Spill Number:	9703488	Region of Spill:	2
Spill Date:	06/20/1997 10:00	Reported to Dept:	06/20/1997 10:37
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Failure		
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Facility Contact:	LT MOLINARO	Facility Tele:	Not reported
Investigator:	KRIMGOLD	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	LT MOLINARO	Spiller Phone:	Not reported
Spiller:	ENGINE COMPANY 229		
Spiller Address:	75 RICHARDSON ST BROOKLYN		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not Closed		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		
Cleanup Meets Standard:	False		
Recommended Penalty:	Penalty Not Recommended		
Spiller Cleanup Date:	Not reported		
Enforcement Date:	Not reported		
Investigation Complete:	Not reported		
UST Involvement:	True		
Spill Record Last Update:	06/23/1997		
Is Updated:	False		
Corrective Action Plan Submitted:	Not reported		
True Date :	Not reported		

ENGINE COMPANY 229 (Continued) **S102619299**

Date Spill Entered In Computer Data File: 06/20/1997
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: DURING TANK CLOSURE - SOIL SAMPLE HAS BEEN TAKEN AND THEY RECIEVED POSI TIVE PID ON ONE SAMPLE

C17 **FDNY ENGINE 229 / LADDER 146** **UST U003178517**
WNW **75 RICHARDSON STREET** **AST N/A**
< 1/8 **BROOKLYN, NY 11211**
540 ft.

Site 2 of 4 in cluster C

Relative:
Equal

PBS UST:

Actual:
15 ft.

PBS Number:	2-600510	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	COMPANY OFFICER (718) 965-8229		
Emergency Contact:	F.D.N.Y. (718) 403-1580		
Total Tanks:	1		
Owner:	F.D.N.Y. 250 LIVINGSTON STREET BROOKLYN, NY 11211 (718) 403-1580		
Owner Type:	Local Government		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	F.D.N.Y. ATTN: MIKHAIL ALTSHILER 250 LIVINGSTON STREET BROOKLYN, NY 11211 (718) 403-1580		
Tank Status:	Closed - In Place		
Capacity (gals):	275		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	05/01/1997
Tank Type:	Steel/carbon steel	Product Stored:	LEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	Not reported	Pipe Type:	Not reported
Tank External:	Not reported		

FDNY ENGINE 229 / LADDER 146 (Continued) **U003178517**

Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	Not reported		
Leak Detection:	Not reported		
Overfill Prot:	Not reported	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	05/01/1997	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	550	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	05/27/1997
Old PBS Number:	Not reported	Expiration Date:	03/16/1999
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	COMPNAY OFFICER		
Emergency:	F.D.N.Y.		
Emergency Tel:	(718) 403-1580	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	F.D.N.Y.-ENG. 229		
Facility Address:	75 RICHARDSON STREET 75 RICHARDSON STREET BROOKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	13-6400434
Owner:	F.D.N.Y.		
Owner Tel:	(718) 403-1530	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	F.D.N.Y. 250 LIVINGSTON STREET BROOKLYN, NY 11201 Not reported (718) 403-1530		
Owner Mark:	First Owner		
Certify Date:	12/23/1996	Expiration:	12/23/1996
Total Capacity (Gal):	2000		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 965-8229		
Num of Active Tanks :	1		
Facility Owner:	F.D.N.Y.		
Facility Address:	250 LIVINGSTON STREET BROOKLYN, NY 11201		
Owner Phone:	(718) 403-1530		
Facility Status:	1		

FDNY ENGINE 229 / LADDER 146 (Continued) **U003178517**

Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	03/16/1994
Facility Record Updated:	True

PBS AST:

PBS Number:	2-600510	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported	Previous PBS#:	Not reported
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.		
Facility Type:	OTHER		
Owner Type:	Local Government		
Owner Sub Type:	Not reported		
Owner:	F.D.N.Y. 250 LIVINGSTON STREET BROOKLYN, NY 11211		
Owner Phone:	(718) 403-1580		
Facility Phone:	(718) 965-8229		
Operator:	COMPANY OFFICER		
Emergency Name:	F.D.N.Y.		
Emergency Phone:	(718) 403-1580		
Total Tanks:	1		
Total Capacity:	550		
Tank ID:	001		
Capacity (Gal):	2000		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND		
Product Stored:	NOS 1,2, OR 4 FUEL OIL		
Tank Type:	Steel/carbon steel		
Install Date:	12/01/1997		
Tank Internal:	NONE		
Tank External:	NONE/NONE		
Tank Containment:	NONE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Aboveground		
Pipe Internal:	NONE		
Pipe External:	NONE		
Leak Detection:	NONE		
Overfill Protection:	Vent Whistle		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	12/01/1997	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	F.D.N.Y.		
Mailing Address:	250 LIVINGSTON STREET BROOKLYN, NY 11211		
Mailing Contact:	MIKHAIL ALTSHILER		
Mailing Telephone:	(718) 403-1580		
Owner Mark:	Second Owner	Expiration Date:	03/16/1999
Certification Flag:	False	Certification Date:	05/27/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		

FDNY ENGINE 229 / LADDER 146 (Continued) **U003178517**

Facility Screen: No data missing
Owner Screen: Minor data missing
Tank Screen: No data missing
Town or City: NEW YORK CITY
Town or City Code: 01
County Code: 61
Region: 2
Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST
Operator: COMPNAY OFFICER
Emergency: F.D.N.Y.
Emergency Tel: (718) 403-1580 Old PBSNO: Not reported
Facility Type: OTHER
Facility Owner: F.D.N.Y.-ENG. 229
Facility Address: 75 RICHARDSON STREET
75 RICHARDSON STREET
BROOKLYN, NY 11211
Inspector: Not reported Inspect Date: Not reported
Insp Result: Not reported Federal ID: 13-6400434
Owner: F.D.N.Y.
Owner Tel: (718) 403-1530 Owner Type: Local Government
Owner Subtype: Not reported
Mail Address: F.D.N.Y.
250 LIVINGSTON STREET
BROOKLYN, NY 11201
Not reported
(718) 403-1530
Owner Mark: First Owner
Certify Date: 12/23/1996 Expiration: 12/23/1996
Total Capacity (Gal): 2000
CBS Registration Num : Not reported
SPDES Number: Not reported
Lat/Long : Not reported
County Facility: 6101
Facility Phone : (718) 965-8229
Num of Active Tanks : 1
Facility Owner: F.D.N.Y.
Facility Address: 250 LIVINGSTON STREET
BROOKLYN, NY 11201
Owner Phone: (718) 403-1530
Facility Status: 1
Certificate Needs Printed : False
Renewal Printed : False
Pre-printed Renewal Form Last Printed : Not reported
Fiscal Amt For Registration Fee Pbsrect: True
Dt Ownership Transfer Occurr in Computer : 03/16/1994
Facility Record Updated: True

PBS Number: 2-600510 CBS Number: Not reported
SPDES Number: Not reported SWIS Code: 6101
Federal ID: Not reported Previous PBS#: Not reported
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Type: OTHER
Owner Type: Local Government
Owner Sub Type: Not reported

FDNY ENGINE 229 / LADDER 146 (Continued) **U003178517**

Owner:	F.D.N.Y. 250 LIVINGSTON STREET BROOKLYN, NY 11211		
Owner Phone:	(718) 403-1580		
Facility Phone:	(718) 965-8229		
Operator:	COMPANY OFFICER		
Emergency Name:	F.D.N.Y.		
Emergency Phone:	(718) 403-1580		
Total Tanks:	1		
Total Capacity:	550		
Tank ID:	003		
Capacity (Gal):	550		
Missing Data for Tank :	No data missing		
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE		
Product Stored:	DIESEL		
Tank Type:	Steel/carbon steel		
Install Date:	12/01/1997		
Tank Internal:	NONE		
Tank External:	NONE/PAINTED/ASPHALT COATING		
Tank Containment:	NONE/PREFABRICATED STEEL DIKE		
Pipe Type:	STEEL/IRON		
Pipe Location:	Above/Underground Combination		
Pipe Internal:	NONE		
Pipe External:	NONE/JACKETED		
Leak Detection:	IN-TANK SYSTEM/OTHER		
Overfill Protection:	Automatic Shut-Off, Catch Basin		
Dispenser Method:	Suction		
Date Tested:	/ /	Next Test Date:	/ /
Date Closed:	/ /	Test Method:	Not reported
Updated:	True	Deleted:	False
Date Inspected:	Not reported	Inspector:	Not reported
Result of Inspection:	Not reported		
Mailing Name:	F.D.N.Y.		
Mailing Address:	250 LIVINGSTON STREET BROOKLYN, NY 11211		
Mailing Contact:	MIKHAIL ALTSHILER		
Mailing Telephone:	(718) 403-1580		
Owner Mark:	Second Owner	Expiration Date:	03/16/1999
Certification Flag:	False	Certification Date:	05/27/1997
Renew Flag:	False	Renew Date:	/ /
Lat/Long:	Not reported		
Dead Letter:	False		
Facility Screen:	No data missing		
Owner Screen:	Minor data missing		
Tank Screen:	No data missing		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

Fiscal Amount for Registration Fee is Correct: True

PBS OWNHIST

Operator:	COMPNAY OFFICER		
Emergency:	F.D.N.Y.		
Emergency Tel:	(718) 403-1580	Old PBSNO:	Not reported
Facility Type:	OTHER		
Facility Owner:	F.D.N.Y.-ENG. 229		
Facility Address:	75 RICHARDSON STREET		

FDNY ENGINE 229 / LADDER 146 (Continued) **U003178517**

75 RICHARDSON STREET
BROOKLYN, NY 11211

Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	13-6400434
Owner:	F.D.N.Y.		
Owner Tel:	(718) 403-1530	Owner Type:	Local Government
Owner Subtype:	Not reported		
Mail Address:	F.D.N.Y. 250 LIVINGSTON STREET BROOKLYN, NY 11201 Not reported (718) 403-1530		
Owner Mark:	First Owner		
Certify Date:	12/23/1996	Expiration:	12/23/1996
Total Capacity (Gal):	2000		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 965-8229
Num of Active Tanks :	1
Facility Owner:	F.D.N.Y.
Facility Address:	250 LIVINGSTON STREET BROOKLYN, NY 11201
Owner Phone:	(718) 403-1530
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	03/16/1994
Facility Record Updated:	True

C18 **NYC FIRE DEPT ENGINE CO 229** **RCRIS-SQG** **1001197486**
WNW **75 RICHARDSON ST** **FINDS** **NYR000040410**
< 1/8 **BROOKLYN, NY 11211**
540 ft.

Site 3 of 4 in cluster C

Relative:
Equal

RCRIS:
Owner: NYC FIRE DEPT
(718) 965-8229
EPA ID: NYR000040410
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Actual:
15 ft.

Violation Status: No violations found

NYC FIRE DEPT ENGINE CO 229 (Continued) **1001197486**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

D19 **MOBILE SYSTEMS UNIT** **UST** **U001831432**
West **75 FROST ST** **N/A**
< 1/8 **BROOKLYN, NY 11211**
558 ft.

Site 1 of 4 in cluster D

Relative:
Higher

Actual:
17 ft.

PBS UST:

PBS Number:	2-045799	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK ANDERSON (718) 388-4995		
Emergency Contact:	FRANK ANDERSON (718) 448-0248		
Total Tanks:	1		
Owner:	NYCDEP-FACILITIES MGMT & CONST 59-17 JUNCTION BLVD ELMHURST, NY 11373 (718) 595-4377		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	The City of New York		
Mailing Address:	NYCDEP-FACILITIES MGMT & CONST ATTN: MARYLIN REED 59-17 JUNCTION BLVD ELMHURST, NY 11373 (718) 595-4377		
Tank Status:	Closed - In Place		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	06/01/1971
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	OTHER		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	4000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/24/1992
Old PBS Number:	Not reported	Expiration Date:	12/02/1996
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		

MOBILE SYSTEMS UNIT (Continued) **U001831432**

Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-045799	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	FRANK ANDERSON (718) 388-4995		
Emergency Contact:	FRANK ANDERSON (718) 448-0248		
Total Tanks:	1		
Owner:	NYCDEP-FACILITIES MGMT & CONST 59-17 JUNCTION BLVD ELMHURST, NY 11373 (718) 595-4377		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	The City of New York		
Mailing Address:	NYCDEP-FACILITIES MGMT & CONST ATTN: MARYLIN REED 59-17 JUNCTION BLVD ELMHURST, NY 11373 (718) 595-4377		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	06/01/1971
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	Not reported	Pipe Internal:	Not reported
Pipe Location:	2	Pipe Type:	GALVANIZED STEEL
Tank External:	Not reported		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	Not reported		
Second Containment:	VAULT		
Leak Detection:	OTHER		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	12/27/1987
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	4000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	06/24/1992
Old PBS Number:	Not reported	Expiration Date:	12/02/1996
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	OTHER		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

20 SSW < 1/8 570 ft. | **COOPER PARK**
95 JACKSON STREET
BROOKLYN, NY | **LTANKS** | **S101341307** | **N/A**

Relative: Higher

Actual: 21 ft.

LTANKS:

Spill Number:	9414271	Region of Spill:	2
Spill Date:	01/27/1995 15:20	Reported to Dept:	01/27/1995 15:49
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	HEALY	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	(212) 306-3142
Spiller:	NYC HOUSING AUTHORITY		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	03/29/1996		
Spill Notifier:	Tank Tester	PBS Number:	2-474630
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	03/29/1996
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
True Date :	Not reported
Date Spill Entered In Computer Data File:	01/27/1995
Date Region Sent Summary to Central Office:	Not reported

Tank Test:

PBS Number:	Not reported
Tank Number:	001
Test Method:	Not reported
Capacity of Failed Tank:	0
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Gallons
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	#2 FUEL OIL
Class Type:	Petroleum
Chem Abstract Service Number:	#2 FUEL OIL

COOPER PARK (Continued) **S101341307**

Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: TTF.
Spill Cause: TANK TEST FAILURE - COULD NOT MAINTAIN LEVEL

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21 **VS 3971** **NY Spills** **S103936273**
NW **BAYARD ST/LENARD ST** **N/A**
< 1/8 **BROOKLYN, NY**
609 ft.

Relative: **Lower**

Actual: **14 ft.**

SPILLS:

Spill Number:	9900576	Region of Spill:	2
Spill Date:	04/15/1999 14:35	Reported to Dept:	04/15/1999 16:06
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	MIKE CESARE	Facility Tele:	(212) 580-6763
Investigator:	O'CONNELL	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	UNKNOWN		
Spiller Address:	Not reported		

DEC Remarks : Con ed e2mis notes: Found unknown undiaperable sheen in VS 3971 on 20 gallons of water. Spill is contained. Sump pit only in structure no sewer connection. Pressure tested VS o.k. records show V.S. to have 224 ppms FDR 6B53) <1.0 ppm, 4-16-99, 0
400 hrs, K. Hufford flush reports in VS3971 cleanup completed.
Remark: APPROX 1 ONCE OF ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. CLEAN UP PENDING TEST RESULTS. CON ED 124261. NO CALL BACK REQUESTED.
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Tank Test:

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

Material:

Material Class Type:	1
Quantity Spilled:	1
Units:	Gallons
Unknown Qty Spilled:	Yes
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	UNKNOWN PETROLEUM
Class Type:	Petroleum
Chem Abstract Service Number:	UNKNOWN PETROLEUM
Last Date:	09/29/1994
Num Times Material Entry In File:	16414

Spill Closed Dt: 04/26/1999
Spill Notifier: Responsible Party PBS Number: Not reported

VS 3971 (Continued) **S103936273**

Cleanup Ceased: Not reported
Last Inspection: Not reported
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt Not reported
Invstgn Complete: Not reported
Spill Record Last Update: 06/15/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 04/15/1999
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported
Cleanup Meets Std: False
Enforcement Date: Not reported
UST Involvement: False

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22 SE < 1/8 613 ft. **GLOSS-FLO CORP** **FINDS 1000385918**
135 JACKSON ST **RCRIS-LQG NYD001231661**
BROOKLYN, NY 11211 **CBS UST**

Relative: Higher

Actual: 23 ft.

RCRIS:
Owner: GLOSS-FLO CORPORATION
(212) 389-8800
EPA ID: NYD001231661
Contact: JEFFREY KLEIN
(718) 389-8800
Classification: Large Quantity Generator
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2001

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	25638.50	D035	25638.50

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-ANNUAL REPORTING REQUIREMENTS
Date Violation Determined: 05/01/1998
Actual Date Achieved Compliance: 05/17/1999

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 05/01/1998
Actual Date Achieved Compliance: 05/17/1999

Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/28/1985
Actual Date Achieved Compliance: 02/10/1986

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	5/17/1999	500	EPA
Proposed Monetary Penalty	9/28/1998	39600	EPA

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance

GLOSS-FLO CORP (Continued) **1000385918**

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
Integrated Compliance Information
National Toxics Inventory
Resource Conservation and Recovery Act Information system
Toxics Release Inventory

CBS UST:

CBS Number:	2-000171	ICS No:	2-126541
PBS No:	2-047465	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	GLOSS-FLO CORP.	Facility Tel:	(718) 389-8800
Emergency Contact:	JEFFREY KLEIN, (516) 883-6237		
Certification Date:	10/22/1997	Expiration Date:	08/30/1999
Owner:	GLOSS-FLO CORP.		
Owner Address:	135 JACKSON ST. BROOKLYN, NY 11211		
Owner Phone	(718) 389-8800		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	GLOSS-FLO CORP.		
Mail Address	135 JACKSON ST. BROOKLYN, NY 11211 ATTN: JEFFREY KLEIN (718) 389-8800		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	06/58		
CAS No:	108883		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	0		
Chemical:	Toluene		
Tank Closed:	10/98		
Tank Secret:	False	Date Entered:	08/30/1989 08:59:34
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	40|43|00 / 73|56|30

GLOSS-FLO CORP (Continued) **1000385918**

Renew Date:	09/27/93	Date Expired:	08/30/95
Total Capacity:	0		
Tank Number:	001		
CBS Number:	2-000171	ICS No:	2-126541
PBS No:	2-047465	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	GLOSS-FLO CORP.	Facility Tel:	(718) 389-8800
Emergency Contact:	JEFFREY KLEIN, (516) 883-6237		
Certification Date:	10/22/1997	Expiration Date:	08/30/1999
Owner:	GLOSS-FLO CORP.		
Owner Address:	135 JACKSON ST. BROOKLYN, NY 11211		
Owner Phone	(718) 389-8800		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	GLOSS-FLO CORP.		
Mail Address	135 JACKSON ST. BROOKLYN, NY 11211 ATTN: JEFFREY KLEIN (718) 389-8800		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	06/58		
CAS No:	67561		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	0		
Chemical:	Methanol		
Tank Closed:	10/98		
Tank Secret:	False	Date Entered:	08/30/1989 09:00:00
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	40|43|00 / 73|56|30
Renew Date:	09/27/93	Date Expired:	08/30/95
Total Capacity:	0		
Tank Number:	003		
CBS Number:	2-000171	ICS No:	2-126541
PBS No:	2-047465	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	GLOSS-FLO CORP.	Facility Tel:	(718) 389-8800
Emergency Contact:	JEFFREY KLEIN, (516) 883-6237		

GLOSS-FLO CORP (Continued) **1000385918**

Certification Date:	10/22/1997	Expiration Date:	08/30/1999
Owner:	GLOSS-FLO CORP.		
Owner Address:	135 JACKSON ST.		
	BROOKLYN, NY 11211		
Owner Phone	(718) 389-8800		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	GLOSS-FLO CORP.		
Mail Address	135 JACKSON ST.		
	BROOKLYN, NY 11211		
	ATTN: JEFFREY KLEIN		
	(718) 389-8800		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	06/58		
CAS No:	67641		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	0		
Chemical:	2-Propanone		
Tank Closed:	10/98		
Tank Secret:	False	Date Entered:	08/30/1989 09:00:24
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	40|43|00 / 73|56|30
Renew Date:	09/27/93	Date Expired:	08/30/95
Total Capacity:	0		
Tank Number:	004		
CBS Number:	2-000171	ICS No:	2-126541
PBS No:	2-047465	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	GLOSS-FLO CORP.	Facility Tel:	(718) 389-8800
Emergency Contact:	JEFFREY KLEIN, (516) 883-6237		
Certification Date:	10/22/1997	Expiration Date:	08/30/1999
Owner:	GLOSS-FLO CORP.		
Owner Address:	135 JACKSON ST.		
	BROOKLYN, NY 11211		
Owner Phone	(718) 389-8800		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	GLOSS-FLO CORP.		
Mail Address	135 JACKSON ST.		

GLOSS-FLO CORP (Continued) **1000385918**

BROOKLYN, NY 11211
ATTN: JEFFREY KLEIN
(718) 389-8800

SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	06/58		
CAS No:	110190		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	0		
Chemical:	iso-Butyl acetate		
Tank Closed:	10/98		
Tank Secret:	False	Date Entered:	08/30/1989 09:00:49
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	40|43|00 / 73|56|30
Renew Date:	09/27/93	Date Expired:	08/30/95
Total Capacity:	0		
Tank Number:	008		
CBS Number:	2-000171	ICS No:	2-126541
PBS No:	2-047465	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	GLOSS-FLO CORP.	Facility Tel:	(718) 389-8800
Emergency Contact:	JEFFREY KLEIN, (516) 883-6237		
Certification Date:	10/22/1997	Expiration Date:	08/30/1999
Owner:	GLOSS-FLO CORP.		
Owner Address:	135 JACKSON ST.		
	BROOKLYN, NY 11211		
Owner Phone	(718) 389-8800		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	GLOSS-FLO CORP.		
Mail Address	135 JACKSON ST.		
	BROOKLYN, NY 11211		
	ATTN: JEFFREY KLEIN		
	(718) 389-8800		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	4000 Gals
Tank Location:	Underground		

GLOSS-FLO CORP (Continued) **1000385918**

Install Date:	08/79		
CAS No:	108883		
Substance:	More than one Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100
Leak Detection:	None		
Overfill Protection:	0		
Chemical:	Toluene		
Tank Closed:	10/98		
Tank Secret:	False	Date Entered:	08/30/1989 09:01:24
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	40|43|00 / 73|56|30
Renew Date:	09/27/93	Date Expired:	08/30/95
Total Capacity:	0		
Tank Number:	010		
CBS Number:	2-000171	ICS No:	2-126541
PBS No:	2-047465	MOSF No:	Not reported
Region:	STATE	Town:	NEW YORK CITY
Operator:	GLOSS-FLO CORP.	Facility Tel:	(718) 389-8800
Emergency Contact:	JEFFREY KLEIN, (516) 883-6237		
Certification Date:	10/22/1997	Expiration Date:	08/30/1999
Owner:	GLOSS-FLO CORP.		
Owner Address:	135 JACKSON ST. BROOKLYN, NY 11211		
Owner Phone	(718) 389-8800		
Owner Type:	Corporate/Commercial		
Facility Type:	MANUFACTURING		
Mail To:	GLOSS-FLO CORP.		
Mail Address	135 JACKSON ST. BROOKLYN, NY 11211 ATTN: JEFFREY KLEIN (718) 389-8800		
SPDES No:	Not reported	Facility Status:	CLOSED IN PLACE
Owner Subtype:	Not reported		
Tank Status:	Temp. Out of Service		
Tank Error Status:	No Missing Data		
Total Tanks:	0	Capacity:	1500 Gals
Tank Location:	Underground		
Install Date:	06/58		
CAS No:	1330207		
Substance:	Single Hazardous Substance on DEC List		
Tank Type:	Steel/carbon steel	2nd Containmt:	Vault (w/o access)
Tank Internal:	None	Pipe Type:	STEEL/IRON
Tank External:	Painted/Asphalt Coating		
Pipe Internal:	None	Pipe Location:	Aboveground/Underground Combination
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	100

GLOSS-FLO CORP (Continued) **1000385918**

Leak Detection:	None		
Overfill Protection:	0		
Chemical:	Xylene (mixed)		
Tank Closed:	10/98		
Tank Secret:	False	Date Entered:	08/30/1989 09:02:24
Last Test:	Not reported	Due Date:	Not reported
SWIS Code:	6101		
Cert Flag:	False		
Case No:	Not reported	Reserve Flag:	True
Pipe Flag:	False	Federal Amt:	True
Is it There:	False	Is Updated:	False
Owner Mark:	1	Lat/Long:	40|43|00 / 73|56|30
Renew Date:	09/27/93	Date Expired:	08/30/95
Total Capacity:	0		
Tank Number:	009		

D23
West
< 1/8
615 ft.

SERVICE STATION **RCRIS-SQG 1000432490**
64 FROST ST **FINDS NYD000824219**
BROOKLYN, NY 11211

Site 2 of 4 in cluster D

Relative:
Higher

Actual:
17 ft.

RCRIS:
Owner: SUN OIL COMPANY OF PENNSYLVANIA
(212) 555-1212
EPA ID: NYD000824219
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

D24
West
< 1/8
615 ft.

MEEKER DISCOUNT MUFFLERS **LTANKS S102232676**
64 FROST ST **N/A**
BROOKLYN, NY

Site 3 of 4 in cluster D

Relative:
Higher

Actual:
17 ft.

LTANKS:

Spill Number:	9601530	Region of Spill:	2
Spill Date:	04/30/1996 11:00	Reported to Dept:	04/30/1996 11:39
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	Not reported	Facility Tele:	(718) 388-3329
Investigator:	O'DOWD	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported

MEEKER DISCOUNT MUFFLERS (Continued) **S102232676**

PBS : Not reported
Spiller Contact: Not reported Spiller Phone: (718) 388-3329
Spiller: MEEKER DISCOUNT MUFFLERS
Spiller Address: 64 FROST ST
BROOKLYN, NY
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Tank Tester PBS Number: 2-200956
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 05/23/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 04/30/1996
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: 1-5
Test Method: Horner EZ Check
Capacity of Failed Tank: 550
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Talk Test Failures only pass or fail
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: caller belives its a bad line - 5 - 550 gal tanks manifolded together

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D25
West
< 1/8
615 ft.

Relative:
Higher

Actual:
17 ft.

KULDIP INC. **UST U003065821**
64 FROST STREET **N/A**
BROOKLYN, NY 11211

Site 4 of 4 in cluster D

PBS UST:
PBS Number: 2-200956 CBS Number: Not reported
SPDES Number: Not reported SWIS ID: 6101
Operator: GOVINDER SINGH
(718) 384-9023
Emergency Contact: GOVINDER SINGH
(718) 388-3329
Total Tanks: 9

KULDIP INC. (Continued) **U003065821**

Owner:	KULDEEP SINGH 392 LEONARD STREET BROOKLYN, NY 11211 (718)388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	Not reported (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	Not reported
Tank Type:	Stainless steel alloy	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/OTHER		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	7400	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/25/1996
Old PBS Number:	Not reported	Expiration Date:	04/23/2001
Inspected Date:	Not reported	Inspector:	ZHAO/
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	VINCENT P MARONNA		
Emergency:	JOSEPH M ABENE		
Emergency Tel:	(212) 964-7411	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	MEEKER FROST SERVICE STATION		
Facility Address:	64 FROST ST 64 FROST ST BKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	VINCENT P MARONNA		
Owner Tel:	(718) 494-6505	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	VINCENT P MARONNA 109 N. GANNON STATEN ISLAND, NY 10314		

KULDIP INC. (Continued) **U003065821**

	Not reported		
	(718) 494-6505		
Owner Mark:	First Owner		
Certify Date:	03/28/1993	Expiration:	03/28/1993
Total Capacity (Gal):	7400		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 384-9023		
Num of Active Tanks :	9		
Facility Owner:	VINCENT P MARONNA		
Facility Address:	109 N. GANNON		
	STATEN ISLAND, NY 10314		
Owner Phone:	(718) 494-6505		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	04/23/1996		
Facility Record Updated:	True		

PBS Number:	2-200956	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	GOVINDER SINGH		
	(718) 384-9023		
Emergency Contact:	GOVINDER SINGH		
	(718) 388-3329		
Total Tanks:	9		
Owner:	KULDEEP SINGH		
	392 LEONARD STREET		
	BROOKLYN, NY 11211		
	(718)388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	Not reported		
	(718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	Not reported
Tank Type:	Stainless steel alloy	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/OTHER		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing

KULDIP INC. (Continued) **U003065821**

FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	7400	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/25/1996
Old PBS Number:	Not reported	Expiration Date:	04/23/2001
Inspected Date:	Not reported	Inspector:	ZHAO/
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	VINCENT P MARONNA		
Emergency:	JOSEPH M ABENE		
Emergency Tel:	(212) 964-7411	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	MEEKER FROST SERVICE STATION		
Facility Address:	64 FROST ST 64 FROST ST BKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	VINCENT P MARONNA		
Owner Tel:	(718) 494-6505	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	VINCENT P MARONNA 109 N. GANNON STATEN ISLAND, NY 10314 Not reported (718) 494-6505		
Owner Mark:	First Owner		
Certify Date:	03/28/1993	Expiration:	03/28/1993
Total Capacity (Gal):	7400		
CBS Registration Num :	Not reported		
SPDES Number:	Not reported		
Lat/Long :	Not reported		
County Facility:	6101		
Facility Phone :	(718) 384-9023		
Num of Active Tanks :	9		
Facility Owner:	VINCENT P MARONNA		
Facility Address:	109 N. GANNON STATEN ISLAND, NY 10314		
Owner Phone:	(718) 494-6505		
Facility Status:	1		
Certificate Needs Printed :	False		
Renewal Printed :	False		
Pre-printed Renewal Form Last Printed :	Not reported		
Fiscal Amt For Registration Fee Pbsrect:	True		
Dt Ownership Transfer Occurr in Computer :	04/23/1996		
Facility Record Updated:	True		

PBS Number:	2-200956	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101

KULDIP INC. (Continued) **U003065821**

Operator:	GOVINDER SINGH (718) 384-9023		
Emergency Contact:	GOVINDER SINGH (718) 388-3329		
Total Tanks:	9		
Owner:	KULDEEP SINGH 392 LEONARD STREET BROOKLYN, NY 11211 (718)388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	Not reported (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	003	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/OTHER		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	7400	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/25/1996
Old PBS Number:	Not reported	Expiration Date:	04/23/2001
Inspected Date:	Not reported	Inspector:	ZHAO/
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	VINCENT P MARONNA		
Emergency:	JOSEPH M ABENE		
Emergency Tel:	(212) 964-7411	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	MEEKER FROST SERVICE STATION		
Facility Address:	64 FROST ST 64 FROST ST BKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	VINCENT P MARONNA		

KULDIP INC. (Continued) **U003065821**

Owner Tel:	(718) 494-6505	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	VINCENT P MARONNA 109 N. GANNON STATEN ISLAND, NY 10314 Not reported (718) 494-6505		
Owner Mark:	First Owner		
Certify Date:	03/28/1993	Expiration:	03/28/1993
Total Capacity (Gal):	7400		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 384-9023
Num of Active Tanks :	9
Facility Owner:	VINCENT P MARONNA
Facility Address:	109 N. GANNON STATEN ISLAND, NY 10314
Owner Phone:	(718) 494-6505
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	04/23/1996
Facility Record Updated:	True

PBS Number:	2-200956	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	GOVINDER SINGH (718) 384-9023		
Emergency Contact:	GOVINDER SINGH (718) 388-3329		
Total Tanks:	9		
Owner:	KULDEEP SINGH 392 LEONARD STREET BROOKLYN, NY 11211 (718)388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	Not reported (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	004	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/OTHER		

KULDIP INC. (Continued) **U003065821**

Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	7400	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/25/1996
Old PBS Number:	Not reported	Expiration Date:	04/23/2001
Inspected Date:	Not reported	Inspector:	ZHAO/
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	VINCENT P MARONNA		
Emergency:	JOSEPH M ABENE		
Emergency Tel:	(212) 964-7411	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	MEEKER FROST SERVICE STATION		
Facility Address:	64 FROST ST 64 FROST ST BKLYN, NY 11211		
Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	VINCENT P MARONNA		
Owner Tel:	(718) 494-6505	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	VINCENT P MARONNA 109 N. GANNON STATEN ISLAND, NY 10314 Not reported (718) 494-6505		
Owner Mark:	First Owner		
Certify Date:	03/28/1993	Expiration:	03/28/1993
Total Capacity (Gal):	7400		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 384-9023
Num of Active Tanks :	9
Facility Owner:	VINCENT P MARONNA
Facility Address:	109 N. GANNON STATEN ISLAND, NY 10314
Owner Phone:	(718) 494-6505
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True

KULDIP INC. (Continued) **U003065821**

Dt Ownership Transfer Occurr in Computer : 04/23/1996
Facility Record Updated: True

PBS Number:	2-200956	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	GOVINDER SINGH (718) 384-9023		
Emergency Contact:	GOVINDER SINGH (718) 388-3329		
Total Tanks:	9		
Owner:	KULDEEP SINGH 392 LEONARD STREET BROOKLYN, NY 11211 (718)388-3329		
Owner Type:	Corporate/Commercial		
Owner Mark:	Second Owner		
Owner Subtype:	Not reported		
Mailing Address:	Not reported (718) 388-3329		
Tank Status:	In Service		
Capacity (gals):	550		
Tank Location:	UNDERGROUND		
Tank Id:	005	Install Date:	Not reported
Tank Type:	Steel/carbon steel	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	NONE/VAULT		
Leak Detection:	NONE/OTHER		
Overfill Prot:	None	Dispenser:	Gravity
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	7400	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	04/25/1996
Old PBS Number:	Not reported	Expiration Date:	04/23/2001
Inspected Date:	Not reported	Inspector:	ZHAO/
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

PBS OWNHIST

Operator:	VINCENT P MARONNA		
Emergency:	JOSEPH M ABENE		
Emergency Tel:	(212) 964-7411	Old PBSNO:	Not reported
Facility Type:	Not reported		
Facility Owner:	MEEKER FROST SERVICE STATION		
Facility Address:	64 FROST ST		

KULDIP INC. (Continued) **U003065821**

64 FROST ST
BKLYN, NY 11211

Inspector:	Not reported	Inspect Date:	Not reported
Insp Result:	Not reported	Federal ID:	Not reported
Owner:	VINCENT P MARONNA		
Owner Tel:	(718) 494-6505	Owner Type:	Not reported
Owner Subtype:	Not reported		
Mail Address:	VINCENT P MARONNA 109 N. GANNON STATEN ISLAND, NY 10314		
	Not reported		
	(718) 494-6505		
Owner Mark:	First Owner		
Certify Date:	03/28/1993	Expiration:	03/28/1993
Total Capacity (Gal):	7400		

CBS Registration Num :	Not reported
SPDES Number:	Not reported
Lat/Long :	Not reported
County Facility:	6101
Facility Phone :	(718) 384-9023
Num of Active Tanks :	9
Facility Owner:	VINCENT P MARONNA
Facility Address:	109 N. GANNON
	STATEN ISLAND, NY 10314
Owner Phone:	(718) 494-6505
Facility Status:	1
Certificate Needs Printed :	False
Renewal Printed :	False
Pre-printed Renewal Form Last Printed :	Not reported
Fiscal Amt For Registration Fee Pbsrect:	True
Dt Ownership Transfer Occurr in Computer :	04/23/1996
Facility Record Updated:	True

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
4 additional NY PBS record(s) in the EDR Site Report.

E26
WSW
< 1/8
630 ft.

Relative:
Higher

Actual:
18 ft.

MANHOLE #53380
MEEKER AVE/WITHERS ST
BROOKLYN, NY

NY Spills **S104283416**
N/A

Site 1 of 2 in cluster E

SPILLS:

Spill Number:	9909065	Region of Spill:	2
Spill Date:	10/26/1999 10:30	Reported to Dept:	10/26/1999 11:34
ID:	Not reported		
Dt Call Received:	Not reported	Region Close Date	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Spill Cause:	Unknown	Resource Affected:	On Land
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	STEPHEN CRIBBIN	Facility Tele:	(212) 580-6763
Investigator:	ENGELHARDT	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported

MANHOLE #53380 (Continued) **S104283416**

PBS : Not reported
Spiller Contact: UNK Spiller Phone: (000) 000-0000
Spiller: UNK
Spiller Address: UNK
UNK
DEC Remarks : Not reported
Remark: 20 GALS OF WATER IN MANHOLE-SAMPLE TAKEN-CLEANUP PENDING RESULTS CON ED 128653
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: UNKNOWN PETROLEUM
Class Type: Petroleum
Chem Abstract Service Number: UNKNOWN PETROLEUM
Last Date: 09/29/1994
Num Times Material Entry In File: 16414
Spill Closed Dt: Not Closed
Spill Notifier: Other PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported Cleanup Meets Std:False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt Not reported Enforcement Date: Not reported
Invstgn Complete: Not reported UST Involvement: False
Spill Record Last Update: 10/28/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
Date Spill Entered In Computer Data File: 10/26/1999
Date Region Sent Summary to Central Office: Not reported
True Date : Not reported

C27 **68 RICHARDSON STREET** **LTANKS** **S100879125**
WNW **68 RICHARDSON STREET** **N/A**
< 1/8 **BROOKLYN, NY**
660 ft.

Site 4 of 4 in cluster C

Relative:
Equal

LTANKS:
Spill Number: 9312569 Region of Spill: 2
Actual: Spill Date: 01/25/1994 15:30 Reported to Dept: 01/25/1994 16:17
15 ft. ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: Not reported Facility Tele: Not reported

68 RICHARDSON STREET (Continued) **S100879125**

Investigator:	MARTINKAT	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	HARRY NADLER	Spiller Phone:	Not reported
Spiller:	BERNSTEIN REALTY		
Spiller Address:	855 6TH AVE NEW YORK, NY 10001		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	06/11/2001		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	02/26/2001		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 09/04/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 01/28/1994
Date Region Sent Summary to Central Office: Not reported
Tank Test:
- PBS Number: Not reported
- Tank Number: Not reported
- Test Method: Not reported
- Capacity of Failed Tank: Not reported
- Leak Rate Failed Tank: Not reported
- Gross Leak Rate: Not reported

Material:
- Material Class Type: 1
- Quantity Spilled: -1
- Units: Pounds
- Unknown Qty Spilled: -1
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: #2 FUEL OIL
- Class Type: Petroleum
- Chem Abstract Service Number: #2 FUEL OIL
- Last Date: 12/07/1994
- Num Times Material Entry In File: 24464

DEC Remarks: CLOSURE LETTER DATED 7/30/2001. SMM
Spill Cause: AFTER TANK WAS CLEANED - OWNER FOUND RESIDUAL OIL PUMP PIT - CALLED BOB DECK, HE SAID THAT OIL SHOWED UP IN SUMP PIT OWNER ASKED TO SET UP TEMP. TANK 1080 GAL) AND CLEANED THE 2500 GAL UST. FOR INSPE

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
E28	**NYSDOT BQE PROJECT**	**RCRIS-SQG**	**1000191428**
WSW	**MEEKER & LORIMER ST**	**FINDS**	**NYD982728578**
1/8-1/4	**BROOKLYN, NY 11201**		
682 ft.			
	Site 2 of 2 in cluster E		
Relative:			
Higher	RCRIS:		
	Owner: NYS DEPT TRANSPORTATION (212) 555-1212		
Actual:			
18 ft.	EPA ID: NYD982728578		
	Contact: RICHARD SCHMALZ (718) 482-4636		
	Classification: Small Quantity Generator		
	TSDF Activities: Not reported		
	Violation Status: No violations found		
	NY MANIFEST		
	Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.		
	FINDS:		
	Other Pertinent Environmental Activity Identified at Site:		
	Resource Conservation and Recovery Act Information system		
29	**BUONOMO CLEANERS G Y LEE CORPORATION**	**RCRIS-SQG**	**1000318342**
East	**448 HUMBOLDT ST**	**FINDS**	**NYD004225660**
1/8-1/4	**BROOKLYN, NY 11211**		
1100 ft.			
Relative:	RCRIS:		
Higher	Owner: BUONOMO CLEANERS (718) 389-7936		
Actual:			
27 ft.	EPA ID: NYD004225660		
	Contact: Not reported		
	Classification: Small Quantity Generator		
	TSDF Activities: Not reported		
	Violation Status: No violations found		
	NY MANIFEST		
	Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.		
	FINDS:		
	Other Pertinent Environmental Activity Identified at Site:		
	Aerometric Information Retrieval System/AIRS Facility Subsystem		
	Resource Conservation and Recovery Act Information system		

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
30 West 1/8-1/4 1204 ft. Relative: Higher Actual: 16 ft.	**P & G PHOTO ENGRAVING CO INC** **17 FROST ST** **BROOKLYN, NY 11211**	**RCRIS-SQG** **FINDS**	**1000114892** **NYD044359347**

RCRIS:
Owner: JOHN AMENTA & SAL PITTI
(212) 555-1212
EPA ID: NYD044359347
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
31 SSE 1/8-1/4 1211 ft. Relative: Higher Actual: 32 ft.	**NYC BD OF ED - PUBLIC SCHOOL 132 K** **320 MANHATTAN AVE** **BROOKLYN, NY 11211**	**RCRIS-SQG** **FINDS**	**1004762107** **NYR000093609**

RCRIS:
Owner: NEW YORK CITY BOARD OF EDUCATION
(718) 391-6902
EPA ID: NYR000093609
Contact: DONALD GARDNER
(718) 387-5962
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
32 NNW 1/8-1/4 1225 ft. Relative: Higher Actual: 16 ft.	**NYC BD OF ED - IS 126K** **424 LEONARD ST** **BROOKLYN, NY 11222**	**RCRIS-SQG** **FINDS**	**1005444371** **NYR000106922**

NYC BD OF ED - IS 126K (Continued) **1005444371**

RCRIS:
Owner: NYC BOARD OF EDUCATION
(718) 391-6475
EPA ID: NYR000106922
Contact: BERNARD ORLAN
(718) 391-6475
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST

Click this hyperlink while viewing on your computer to access additional NY MANIFEST detail in the EDR Site Report.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS/Air Quality Subsystem
Integrated Compliance Information
Resource Conservation and Recovery Act Information system

33
WSW
1/8-1/4
1261 ft.

Relative:
Higher

Actual:
17 ft.

GREENE LIGHTING FIXTURES INC **RCRIS-SQG 1000872878**
40 WITHERS ST **FINDS NYD987040979**
BROOKLYN, NY 11211

RCRIS:
Owner: HAROLD GREENE
(212) 388-6800
EPA ID: NYD987040979
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

F34
NNE
1/8-1/4
1308 ft.

Site 1 of 2 in cluster F

Relative:
Higher

Actual:
23 ft.

MOBIL OIL CORP SS #FX9 **RCRIS-SQG 1000553844**
550 HUMBOLDT ST **FINDS NYD986962785**
BROOKLYN, NY 11222 **UST**

MOBIL OIL CORP SS #FX9 (Continued) **1000553844**

RCRIS:
Owner: MOBIL OIL CORP
(703) 849-3330
EPA ID: NYD986962785
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Aerometric Information Retrieval System/AIRS Facility Subsystem
Resource Conservation and Recovery Act Information system

PBS UST:

PBS Number:	2-157295	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	K BACALOCOSTANTIS (718) 389-6593		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD.,6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O TANKNOLOGY ATTN: SHAVON THORNTON P.O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	In Service		
Capacity (gals):	1000		
Tank Location:	UNDERGROUND		
Tank Id:	700	Install Date:	01/01/1988
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	USED OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	NONE
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	Minor Data Missing		
Pipe External:	NONE/NONE		
Second Containment:	DOUBLED-WALLED TANK/IMPERVIOUS UNDERLAYMENT		
Leak Detection:	NONE/INTERSTITIAL MONITORING		
Overfill Prot:	Float Vent Valve, Catch Basin	Dispenser:	Not reported
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing

MOBIL OIL CORP SS #FX9 (Continued) **1000553844**

Certification Flag:	False	Certification Date:	07/30/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-157295	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	K BACALOCOSTANTIS (718) 389-6593		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD.,6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O TANKNOLOGY ATTN: SHAVON THORNTON P.O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	In Service		
Capacity (gals):	1000		
Tank Location:	UNDERGROUND		
Tank Id:	600	Install Date:	01/01/1988
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	DOUBLED-WALLED TANK/IMPERVIOUS UNDERLAYMENT		
Leak Detection:	NONE/INTERSTITIAL MONITORING		
Overfill Prot:	Float Vent Valve, Catch Basin	Dispenser:	Suction
Date Tested:	Not reported	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	Not reported
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/30/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		

MOBIL OIL CORP SS #FX9 (Continued) **1000553844**

Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-157295	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	K BACALOCOSTANTIS (718) 389-6593		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD.,6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O TANKNOLOGY ATTN: SHAVON THORNTON P.O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	100	Install Date:	01/01/1988
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/IMPRESSED CURRENT		
Second Containment:	DOUBLED-WALLED TANK/IMPERVIOUS UNDERLAYMENT		
Leak Detection:	NONE/INTERSTITIAL MONITORING		
Overfill Prot:	Float Vent Valve, Catch Basin	Dispenser:	Submersible
Date Tested:	03/01/1992	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/30/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-157295	CBS Number:	Not reported

MOBIL OIL CORP SS #FX9 (Continued) **1000553844**

SPDES Number:	Not reported	SWIS ID:	6101
Operator:	K BACALOCOSTANTIS (718) 389-6593		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		
Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD.,6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O TANKNOLOGY ATTN: SHAVON THORNTON P.O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	200	Install Date:	01/01/1988
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	None	Pipe Type:	NONE
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/NONE		
Second Containment:	DOUBLED-WALLED TANK/IMPERVIOUS UNDERLAYMENT		
Leak Detection:	NONE/INTERSTITIAL MONITORING		
Overfill Prot:	Float Vent Valve, Catch Basin	Dispenser:	None
Date Tested:	03/01/1992	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/30/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-157295	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	K BACALOCOSTANTIS (718) 389-6593		
Emergency Contact:	ENVIRONMENTAL HELP DESK (800) 662-4567		
Total Tanks:	7		

MOBIL OIL CORP SS #FX9 (Continued) **1000553844**

Owner:	EXXONMOBIL OIL CORP 3225 GALLOWS RD.,6W307 FAIRFAX, VA 22037 (703) 849-6252		
Owner Type:	Corporate/Commercial		
Owner Mark:	First Owner		
Owner Subtype:	Mobil Oil Company		
Mailing Address:	EXXONMOBIL OIL CORP C/O TANKNOLOGY ATTN: SHAVON THORNTON P.O. BOX 142667 AUSTIN, TX 78714 (800) 800-4633		
Tank Status:	In Service		
Capacity (gals):	4000		
Tank Location:	UNDERGROUND		
Tank Id:	300	Install Date:	01/01/1988
Tank Type:	Fiberglass reinforced plastic [FRP]	Product Stored:	UNLEADED GASOLINE
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE/FIBERGLASS		
Missing Data for Tank:	No Missing Data		
Pipe External:	NONE/IMPRESSED CURRENT		
Second Containment:	DOUBLED-WALLED TANK/IMPERVIOUS UNDERLAYMENT		
Leak Detection:	NONE/INTERSTITIAL MONITORING		
Overfill Prot:	Float Vent Valve, Catch Basin	Dispenser:	Submersible
Date Tested:	03/01/1992	Next Test Date:	Not reported
Date Closed:	Not reported	Test Method:	PETRO-TITE
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	No data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	22000	Renewal Date:	Not reported
Tank Screen:	Minor data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	07/30/1999
Old PBS Number:	Not reported	Expiration Date:	10/29/2002
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	RETAIL GASOLINE SALES		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		

This is the most recent NY PBS data for this site.

Click this hyperlink while viewing on your computer to access
18 additional NY PBS record(s) in the EDR Site Report.

F35 **MOBIL S/S** **LTANKS** **S100146394**
NNE **550 HUMBOLDT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY**
1308 ft.

Site 2 of 2 in cluster F

Relative:
Higher

Actual:
23 ft.

LTANKS:

Spill Number:	9007766	Region of Spill:	2
Spill Date:	10/16/1990 11:00	Reported to Dept:	10/16/1990 12:25
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Gas Station
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SIGONA	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	MIKE MEOLA	Spiller Phone:	(516) 371-0739
Spiller:	EXXONMOBIL OIL CORP.		
Spiller Address:	464 DOUGHTY BLVD. INWOOD, NY 11096		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not Closed		
Spill Notifier:	Responsible Party	PBS Number:	2-157295
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	True
Spill Record Last Update:	11/06/2000
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
True Date :	Not reported
Date Spill Entered In Computer Data File:	10/31/1990
Date Region Sent Summary to Central Office:	Not reported

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	0
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	GASOLINE

MOBIL S/S (Continued) **S100146394**

Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: reassigned from sullivan to sigona on 11/6/00 PBS records indicate that 14 x 550 gallon and 1 x 4,000 gallon and 1 x 1,000 gallon USTs were eith er closed in-place or removed from this site.
Spill Cause: LINE TEST ONLY, PETRO TITE, LEAK RATE -.011GPH, WILL EXCAVATE, REPAIR RE TEST REPAIRS BY ALVIN PETROLEUM).

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36 **BERKMAN BROS. INC.** **CBS AST** **S100494954**
North **55 ECKFORD ST.** **LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
1410 ft.

Relative: **Higher**

Actual: **17 ft.**

CBS AST:

CBS Number:	2-000058	Telephone:	(718) 387-8811
Owner:	BERKMAN BROS. INC. 55 ECKFORD ST. BROOKLYN, NY 11222 (718) 387-8811		
Facility Status:	Active		
Total Tanks	0		
Tank Status:	0		
Tank Error Status:	No Missing Data		
Tank Location:	Aboveground		
Install Date:	11/85		
Capacity (Gal):	500		
Tank Type:	Plastic		
Substance:	Single Hazardous Substance on DEC List		
Extrnl Protection:	None		
Intrnl Protection:	None		
Tank Containment:	Other		
Pipe Type:	PLASTIC	Pipe Location:	Aboveground
Pipe Internal:	None		
Pipe External:	None		
Pipe Containment:	None	Haz Percent:	15
Leak Detection:	None		
Overfill Protection:	Not reported		
Chemical:	Sodium hypochlorite		
Tank Closed:	01/98		
PBS Number:	Not reported	SWIS Code:	6101
Federal ID:	Not reported		
MOSF Number:	Not reported	CAS Number:	7681529
SPDES Number:	Not reported	ICS Number:	2-125095
Facility Type:	Manufacturing		
Operator:	GERALD BERKMAN	Facility Town:	NEW YORK CITY
Emrgncy Contact:	GERALD BERKMAN	Emrgncy Phone:	(516) 799-6958
Certified Date:	05/20/1997	Expiration Date:	06/14/1999
Owner type:	Corporate/Commercial		
Owner Sub Type:	Not reported		
Mail Name:	BERKMAN BROS. INC.		
Mail Contact:	GERALD BERKMAN 55 ECKFORD ST. BROOKLYN, NY 11222		
Mail Phone:	(718) 387-8811		
Tank Secret:	False	Date Entered:	06/14/1989 10:26:46
Last Test:	Not reported	Due Date:	Not reported
Pipe Flag:	False	Owner Mark:	1

BERKMAN BROS. INC. (Continued) **S100494954**

Renew Date: 03/01/93 Date Expired: 06/14/95
Is it There: False Is Updated: False
Owner Status: F
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Total Capacity of All Active Tanks(gal): No
Unique Tank Id Number: Yes
Date Pre-Printed Renewal App Form Was Last Printed: 03/03/1997

LTANKS:
Spill Number: 9214462 Region of Spill: 2
Spill Date: 03/26/1993 12:00 Reported to Dept: 03/31/1993 08:50
ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: Not reported Facility Tele: Not reported
Investigator: TANG SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: MYSTIC FUEL CO.
Spiller Address: 1902 STEINWAY ST.
L.I.C., NY
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/31/1993
Spill Notifier: Local Agency PBS Number: Not reported
Cleanup Ceased: 03/31/1993
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 04/01/1993
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1

BERKMAN BROS. INC. (Continued) **S100494954**

Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #6 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #6 FUEL OIL
Last Date: 07/28/1994
Num Times Material Entry In File: 2190
DEC Remarks: Not reported
Spill Cause: MYSTIC CLEANED SPILL WITH SPEEDI-DRI, PICK UP AND DISPOSED.

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37 WNW 1/4-1/2 1509 ft. **UNKNOWN GAS STATION** **LTANKS S104782532**
2 ROBLING ST **N/A**
BROKLYN, NY

Relative: Lower

Actual: 14 ft.

LTANKS:
Spill Number: 0008335
Spill Date: 10/17/2000 10:00
ID: Not reported
Material Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Water Affected: Not reported
Facility Contact: UNKNOWN
Investigator: ROMMEL
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller: UNKNOWN
Spiller Address: Not reported
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Other
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 02/06/2001
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 10/17/2000
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported

Region of Spill: 2
Reported to Dept: 10/17/2000 10:38
Date Call Received: Not reported
Amount Spilled 1 : Not reported
Spill Source: Gas Station
Facility Tele: ( ) -
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported
Spiller Phone: Not reported
PBS Number: Not reported

UNKNOWN GAS STATION (Continued) **S104782532**

Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: callers business was contracted for excavation of tank and when contamin ated soil was found the callers business was fired. another company on s cene - dano construction

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38 **BRUMAR SHEET METAL INC** **LTANKS** **S105998342**
NNW **498 LEONARD ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
1642 ft.

Relative: **Higher**

Actual: **16 ft.**

LTANKS:
Spill Number: 0212132
Tank Number: Not reported
Test Method: Not reported
Spill Date: 03/10/2003
ID: 19901
Material Spilled 1 : Not reported
Region Close Dt : / /
Resource Affectd: ON LAND
Spill Cause: TANK TEST FAILURE
Water Affected: Not reported

Region of Spill: 2
Tank Size : Not reported
Leak Rate: Not reported
Reported to Dept: Not reported
Date Call Received: 03/10/2003
Amount Spilled 1 : Not reported

Spill Source: OTHER COMM/INDUSTRIAL

G39 **2 BUSHWICK AVE/SHELL SERV** **LTANKS** **S100167668**
SE **2 BUSHWICK AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
1709 ft.

Site 1 of 2 in cluster G

Relative: **Higher**

Actual: **37 ft.**

LTANKS:
Spill Number: 8900824
Spill Date: 04/26/1989 18:30
ID: Not reported
Material Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: Groundwater
Spill Cause: Tank Test Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: SULLIVAN
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported

Region of Spill: 2
Reported to Dept: 04/26/1989 19:03
Date Call Received: Not reported
Amount Spilled 1 : Not reported

Spill Source: Gas Station
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

2 BUSHWICK AVE/SHELL SERV (Continued) **S100167668**

Spiller Contact: Not reported
Spiller Phone: (516) 942-4122
Spiller: SHELL SERVICE STATION
Spiller Address: 2 BUSHWICK AVENUE
BROOKLYN, NY
Spill Class: Not reported
Spill Closed Dt: 04/30/1991
Spill Notifier: Tank Tester
PBS Number: 2-190411
Cleanup Ceased: 04/30/1991
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 06/26/1995
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 05/02/1989
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1
Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: 550 GALLON TANK FAILED TANK AUDITOR WITH A LEAK RATE OF .10GPH, WILL EX CAVATE REPAIR RETEST, POSSIBLE PIPE LEAK,DEC INVESTIGATED SITE.

G40 **METROPOLITAN AVE/MERRIT** **LTANKS** **S102671408**
SE **METROPOLITAN / BUSHWICK AVE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
1809 ft.

Site 2 of 2 in cluster G

Relative:
Higher

Actual:
38 ft.

LTANKS:
Spill Number: 8903546
Region of Spill: 2
Spill Date: 07/09/1989 23:45
Reported to Dept: 07/09/1989 23:52
ID: Not reported
Date Call Received:Not reported
Material Spilled 1 :Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported
Spill Source: Gas Station

METROPOLITAN AVE/MERRIT (Continued) **S102671408**

Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	AUSTIN	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	ISLAND TRANSPORTATION		
Spiller Address:	5700 47TH STREET MASPETH, NY		
Spill Class:	Not reported		
Spill Closed Dt:	07/10/1989		
Spill Notifier:	Responsible Party	PBS Number:	Not reported
Cleanup Ceased:	07/10/1989		
Last Inspection:	Not reported		

Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: Not reported
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 07/11/1989
Date Region Sent Summary to Central Office: Not reported
Tank Test:
- PBS Number: Not reported
- Tank Number: Not reported
- Test Method: Not reported
- Capacity of Failed Tank: Not reported
- Leak Rate Failed Tank: Not reported
- Gross Leak Rate: Not reported

Material:
- Material Class Type: 1
- Quantity Spilled: 5
- Units: Gallons
- Unknown Qty Spilled: 5
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: GASOLINE
- Class Type: Petroleum
- Chem Abstract Service Number: GASOLINE
- Last Date: 09/29/1994
- Num Times Material Entry In File: 21329

DEC Remarks: 07/10/89: NO ACTION REQUIRED OF DEC DUE TO SIZE OF SPILL.
Spill Cause: FIRE DEPT ON SCENE, SPILL CLEANED UP WITH SPEEDY DRY, REPORT CONFIRMEDWI TH FIRE DEPT DISPATCHER.

41 SE 1/4-1/2 1828 ft. **810 METROPOLITAN AVE**
810 METROPOLITAN AVENUE
BROOKLYN, NY

Database(s): **LTANKS**
EDR ID Number: **S101174412**
EPA ID Number: **N/A**

Relative: Higher

Actual: 38 ft.

LTANKS:

Spill Number:	9404715	Region of Spill:	2
Spill Date:	07/06/1994 14:15	Reported to Dept:	07/06/1994 14:58
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Gas Station
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	O'DOWD	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	MERIT SERVICE STATION		
Spiller Address:	810 METROPOLITAN AVENUE BROOKLYN, NEW YORK		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	11/22/1994		
Spill Notifier:	Tank Tester	PBS Number:	Not reported
Cleanup Ceased:	11/22/1994		
Last Inspection:	Not reported		

Cleanup Meets Standard:	True
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	True
Spill Record Last Update:	03/29/1995
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
True Date :	Not reported
Date Spill Entered In Computer Data File:	10/05/1994
Date Region Sent Summary to Central Office:	Not reported

Tank Test:

PBS Number:	Not reported
Tank Number:	Not reported
Test Method:	Not reported
Capacity of Failed Tank:	0
Leak Rate Failed Tank:	0.00
Gross Leak Rate:	Not reported

Material:

Material Class Type:	1
Quantity Spilled:	-1
Units:	Not reported
Unknown Qty Spilled:	-1
Quantity Recovered:	0
Unknown Qty Recovered:	False
Material:	GASOLINE
Class Type:	Petroleum

810 METROPOLITAN AVE (Continued) **S101174412**

Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: 03/29/95: GI REPLACED CAP AND REPAIRED ANGLE CHECK RETESTED AND PASSED 9 /1/94.
Spill Cause: ISOLATE/RETEST

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42 **SUNOCO S/S - BKLN** **LTANKS** **S100145706**
East **51 KINGSLAND AV** **N/A**
1/4-1/2 **BKLN, NY**
1834 ft.

Relative: **Higher**

Actual: **32 ft.**

LTANKS:

Spill Number:	8908110	Region of Spill:	2
Spill Date:	11/15/1989 10:30	Reported to Dept:	11/15/1989 10:45
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	Groundwater		
Spill Cause:	Tank Failure		
Water Affected:	Not reported	Spill Source:	Gas Station
Facility Contact:	Not reported	Facility Tele:	Not reported
Investigator:	SULLIVAN	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	SUNOCO S/S - BKLN-A		
Spiller Address:	Not reported		
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not Closed		
Spill Notifier:	Fire Department	PBS Number:	2-157392
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 08/04/1994
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 11/24/1989
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: -1

SUNOCO S/S - BKLN (Continued) **S100145706**

Units: Not reported
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: Not reported
Spill Cause: DURING EXCAVATION OF TANK CONTAMINATED SOIL DISCOVERED IN PITS - PUMP-IN G CONTAMINATED SOIL WATER OUT OF PIT INTO STREETS - DEP RESPONDED FOUND ONLY CONTAMINATED SOIL SLIGHT SHEEN IN TRENCH.

43
SW
1/4-1/2
1866 ft.

522 METROPOLITAN AVE
522 METROPOLITAN AVE
BROOKLYN, NY

LTANKS **S102673301**
N/A

Relative:
Lower

Actual:
14 ft.

LTANKS:

Spill Number:	9515443	Region of Spill:	2
Spill Date:	02/29/1996 09:51	Reported to Dept:	03/01/1996 09:48
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Overfill		
Water Affected:	Not reported	Spill Source:	Private Dwelling
Facility Contact:	MS CASTANO	Facility Tele:	(718) 782-4799
Investigator:	TOMASELLO	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	JACOB	Spiller Phone:	(718) 369-2825
Spiller:	TERMINAL OIL COMPANY		
Spiller Address:	Not reported		
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not Closed		
Spill Notifier:	Local Agency	PBS Number:	Not reported
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 03/26/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 03/01/1996
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported

522 METROPOLITAN AVE (Continued) **S102673301**

Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 300
Units: Gallons
Unknown Qty Spilled: 300
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: TANK OVERFILL INTO SOIL - ALTERNATIVE PHONE 718-330-3236 MR MUNZO

44
SE
1/4-1/2
2065 ft.

25 BUSHWICK AVE
25 BUSHWICK AVE
BROOKLYN, NY

LTANKS **S102673149**
N/A

Relative:
Higher

Actual:
39 ft.

LTANKS:
Spill Number: 9512040
Region of Spill: 2
Spill Date: 12/23/1995 14:45
Reported to Dept: 12/23/1995 15:09
ID: Not reported
Date Call Received: Not reported
Material Spilled 1 : Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Overfill
Water Affected: Not reported
Spill Source: Private Dwelling
Facility Contact: MR GONZALEZ
Facility Tele: (718) 456-1874
Investigator: ZHITOMIRSKY
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: BARBARA GUNSON
Spiller Phone: (718) 647-4200
Spiller: BAERENKLAU FUEL OIL
Spiller Address: 740 JAMAICA AVE
BROOKLYN, NY 11208
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 07/04/1999
Spill Notifier: Responsible Party
PBS Number: Not reported
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 08/05/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported

25 BUSHWICK AVE (Continued) **S102673149**

True Date : Not reported
Date Spill Entered In Computer Data File: 12/23/1995
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 2
Units: Gallons
Unknown Qty Spilled: 2
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: tank over fill onto concrete drive way-oil co on scene for cleanup

---

45 NW 1/4-1/2 2272 ft. **PS 610** **LTANKS** **S104621884**
50 BEDFORD AVE **N/A**
BROOKLYN, NY

Relative: Lower

Actual: 14 ft.

LTANKS:
Spill Number: 0004062 Region of Spill: 2
Spill Date: 06/30/2000 15:30 Reported to Dept: 07/05/2000 07:02
ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported Spill Source: Other Commercial/Industrial
Facility Contact: FRANK CARDELLO Facility Tele: (718) 391-6832
Investigator: DEMEO SWIS: 61
Caller Name: Not reported Caller Agency: Not reported
Caller Phone: Not reported Caller Extension: Not reported
Notifier Name: Not reported Notifier Agency: Not reported
Notifier Phone: Not reported Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported Spiller Phone: Not reported
Spiller: NONE
Spiller Address: Not reported
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Tank Tester PBS Number: 2-355305
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported

PS 610 (Continued) **S104621884**

Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 07/07/2000
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 07/05/2000
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: 1
Test Method: Horner EZ Check
Capacity of Failed Tank: 20000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
PBS Number: Not reported
Tank Number: 1
Test Method: Horner EZ Check
Capacity of Failed Tank: 20000
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
DEC Remarks: Not reported
Spill Cause: tank test failure, no product leaked

---

46 **6625 HAMBOLDT STREET** **LTANKS** **S100494767**
NNE **625 HAMBOLDT STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
2296 ft.

Relative: **Higher**

Actual: **16 ft.**

LTANKS:
Spill Number: 9212899
Spill Date: 02/17/1993 10:30
ID: Not reported
Material Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Water Affected: Not reported
Facility Contact: Not reported
Investigator: CAMMISA
Caller Name: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Phone: Not reported
PBS : Not reported
Spiller Contact: Not reported
Spiller: DMITRA RES

Region of Spill: 2
Reported to Dept: 02/17/1993 11:49
Date Call Received: Not reported
Amount Spilled 1 : Not reported

Spill Source: Private Dwelling
Facility Tele: Not reported
SWIS: 61
Caller Agency: Not reported
Caller Extension: Not reported
Notifier Agency: Not reported
Notifier Extension: Not reported

Spiller Phone: (718) 268-4839

6625 HAMBOLDT STREET (Continued) **S100494767**

Spiller Address: 625 HAMBOLDT STREET
BROOKLYN
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 02/17/1993
Spill Notifier: Other PBS Number: Not reported
Cleanup Ceased: 02/17/1993
Last Inspection: Not reported
Cleanup Meets Standard: True
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 06/25/1993
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 02/18/1993
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported
Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 1
Units: Gallons
Unknown Qty Spilled: Yes
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: CONTAINED ON CONCRETE FLOOR-SORBENT APPLIED AND P/U-CUSTOMER TO REPAIRTA NK

47
SW
1/4-1/2
2317 ft.

S/W COR METROPOLITAN/MARC **LTANKS** **S100494686**
S/W COR METROPOLITAN/MARC **N/A**
BROOKLYN, NY

Relative:
Lower

Actual:
14 ft.

LTANKS:
Spill Number: 9212269 Region of Spill: 2
Spill Date: 01/28/1993 08:30 Reported to Dept: 01/28/1993 10:18
ID: Not reported Date Call Received: Not reported
Material Spilled 1 : Not reported Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Failure
Water Affected: Not reported Spill Source: Gas Station
Facility Contact: Not reported Facility Tele: Not reported
Investigator: ROMMEL SWIS: 61

S/W COR METROPOLITAN/MARC (Continued) **S100494686**

Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	CITGO STATION		
Spiller Address:	Not reported		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not Closed		
Spill Notifier:	Other	PBS Number:	Not reported
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 08/08/1995
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 01/29/1993
Date Region Sent Summary to Central Office: Not reported
Tank Test:
- PBS Number: Not reported
- Tank Number: Not reported
- Test Method: Not reported
- Capacity of Failed Tank: Not reported
- Leak Rate Failed Tank: Not reported
- Gross Leak Rate: Not reported

Material:
- Material Class Type: 1
- Quantity Spilled: -1
- Units: Not reported
- Unknown Qty Spilled: -1
- Quantity Recovered: 0
- Unknown Qty Recovered: False
- Material: GASOLINE
- Class Type: Petroleum
- Chem Abstract Service Number: GASOLINE
- Last Date: 09/29/1994
- Num Times Material Entry In File: 21329

DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: CONTAM MONITORING.
Spill Cause: WILL BAIL WELL-WILL PULL TANK-OLD AND STEEL O DOWD)

H48 East 1/4-1/2 2352 ft. | **COOPER PARK HOUSING** | **LTANKS** | **S104073513** / **N/A**

295 JACKSON ST
BROOKLYN, NY

Site 1 of 2 in cluster H

Relative: Higher

Actual: 30 ft.

LTANKS:

Spill Number:	9515713	Region of Spill:	2
Spill Date:	03/07/1996 13:20	Reported to Dept:	03/07/1996 13:33
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Test Failure		
Water Affected:	Not reported	Spill Source:	Other Non Commercial/Industrial
Facility Contact:	PAUL GOLSTEIN	Facility Tele:	(212) 306-3233
Investigator:	SACCACIO	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	PAUL GOLDSTEIN	Spiller Phone:	(212) 306-3233
Spiller:	NEW YORK CITY		
Spiller Address:	295 JACKSON ST BROOKLYN, NY 11211		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not Closed		
Spill Notifier:	Local Agency	PBS Number:	Not reported
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	03/29/1996
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
True Date :	Not reported
Date Spill Entered In Computer Data File:	03/07/1996
Date Region Sent Summary to Central Office:	Not reported

Tank Test:

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

Material:

Material Class Type:	1
Quantity Spilled:	0
Units:	Gallons
Unknown Qty Spilled:	No
Quantity Recovered:	0
Unknown Qty Recovered:	True
Material:	#2 FUEL OIL

COOPER PARK HOUSING (Continued) **S104073513**

Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Not reported
Spill Cause: Not reported

H49 **COOPER PARK** **UST U000410820**
East **295 JACKSON STREET** **LTANKS N/A**
1/4-1/2 **BROOKLYN, NY 11211**
2352 ft.

Site 2 of 2 in cluster H

Relative:
Higher

LTANKS:

Actual:
30 ft.

Spill Number: 9414384 | Region of Spill: 2
Spill Date: 01/31/1995 13:00 | Reported to Dept: 01/31/1995 14:20
ID: Not reported | Date Call Received: Not reported
Material Spilled 1 : Not reported | Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported | Spill Source: Other Non Commercial/Industrial
Facility Contact: Not reported | Facility Tele: Not reported
Investigator: HEALY | SWIS: 61
Caller Name: Not reported | Caller Agency: Not reported
Caller Phone: Not reported | Caller Extension: Not reported
Notifier Name: Not reported | Notifier Agency: Not reported
Notifier Phone: Not reported | Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: Not reported | Spiller Phone: (212) 306-3142
Spiller: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: 03/29/1996
Spill Notifier: Tank Tester | PBS Number: 2-474630
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 03/29/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 02/02/1995
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: 002
Test Method: Not reported
Capacity of Failed Tank: 0
Leak Rate Failed Tank: 0.00
Gross Leak Rate: Not reported
Material:
Material Class Type: 1

COOPER PARK (Continued) **U000410820**

Quantity Spilled: -1
Units: Gallons
Unknown Qty Spilled: -1
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #4 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #4 FUEL OIL
Last Date: 12/05/1994
Num Times Material Entry In File: 1751
DEC Remarks: 10/10/95: This is additional information about material spilled from th e translation of the old spill file: TTF.
Spill Cause: TANK TEST-GROSS FAILURE

Spill Number: 9515837
Region of Spill: 2
Spill Date: 03/11/1996 14:30
Reported to Dept: 03/11/1996 15:37
ID: Not reported
Date Call Received: Not reported
Material Spilled 1 : Not reported
Amount Spilled 1 : Not reported
Region Close Dt : Not reported
Resource Affectd: On Land
Spill Cause: Tank Test Failure
Water Affected: Not reported
Spill Source: Other Non Commercial/Industrial
Facility Contact: FRANK OCELLO
Facility Tele: (212) 306-3233
Investigator: SACCACIO
SWIS: 61
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Caller Extension: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Notifier Extension: Not reported
PBS : Not reported
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
MANHATTAN, NY 10007
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt: Not Closed
Spill Notifier: Responsible Party
PBS Number: 2-474630
Cleanup Ceased: Not reported
Last Inspection: Not reported
Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: False
Spill Record Last Update: 07/17/1996
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 03/11/1996
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: 1
Test Method: Horner EZ Check
Capacity of Failed Tank: 20000
Leak Rate Failed Tank: 0.00

COOPER PARK (Continued) **U000410820**

Gross Leak Rate: Not reported
Material:
Material Class Type: Not reported
Quantity Spilled: Not reported
Units: Not reported
Unknown Qty Spilled: Not reported
Quantity Recovered: Not reported
Unknown Qty Recovered: Not reported
Material: Not reported
Class Type: Not reported
Chem Abstract Service Number: Not reported
Last Date: Not reported
Num Times Material Entry In File: Not reported
DEC Remarks: Not reported
Spill Cause: no apparent leak - tank failed

PBS UST:

PBS Number:	2-474630	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL VELEZ (212) 306-3142		
Emergency Contact:	EMERGENCY SERVICE SQUAD (212) 289-3940		
Total Tanks:	2		
Owner:	NYC HOUSING AUTHORITY 250 BROADWAY NEW YORK, NY 10007 (212) 306-3142		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	51		
Mailing Address:	NYC HOUSING AUTHORITY ATTN: RAFAEL VELEZ 250 BROADWAY 16TH FLOOR NEW YORK, NY 10007 (212) 306-3142		
Tank Status:	In Service		
Capacity (gals):	20000		
Tank Location:	UNDERGROUND		
Tank Id:	001	Install Date:	10/01/1953
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	WRAPPED [PIPING]		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	03/01/1997	Next Test Date:	03/01/2002
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	40000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing

COOPER PARK (Continued) **U000410820**

Certification Flag:	False	Certification Date:	11/08/1999
Old PBS Number:	Not reported	Expiration Date:	03/28/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		
Facility Type:	APARTMENT BUILDING		
Town or City:	NEW YORK CITY		
Town or City Code:	01		
County Code:	61		
Region:	2		
PBS Number:	2-474630	CBS Number:	Not reported
SPDES Number:	Not reported	SWIS ID:	6101
Operator:	RAFAEL VELEZ (212) 306-3142		
Emergency Contact:	EMERGENCY SERVICE SQUAD (212) 289-3940		
Total Tanks:	2		
Owner:	NYC HOUSING AUTHORITY 250 BROADWAY NEW YORK, NY 10007 (212) 306-3142		
Owner Type:	Local Government		
Owner Mark:	First Owner		
Owner Subtype:	51		
Mailing Address:	NYC HOUSING AUTHORITY ATTN: RAFAEL VELEZ 250 BROADWAY 16TH FLOOR NEW YORK, NY 10007 (212) 306-3142		
Tank Status:	In Service		
Capacity (gals):	20000		
Tank Location:	UNDERGROUND		
Tank Id:	002	Install Date:	10/01/1953
Tank Type:	Steel/carbon steel	Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Internal:	NONE	Pipe Internal:	NONE
Pipe Location:	Underground	Pipe Type:	GALVANIZED STEEL
Tank External:	NONE		
Missing Data for Tank:	No Missing Data		
Pipe External:	WRAPPED [PIPING]		
Second Containment:	NONE		
Leak Detection:	NONE		
Overfill Prot:	Product Level Gauge	Dispenser:	Suction
Date Tested:	07/01/1997	Next Test Date:	07/01/2002
Date Closed:	Not reported	Test Method:	HORNER
Deleted:	False	Updated:	True
Dead Letter:	False	Owner Screen:	Minor data missing
FAMT:	Fiscal amount for registration fee is correct		
Total Capacity:	40000	Renewal Date:	Not reported
Tank Screen:	No data missing	Federal ID:	Not reported
Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing
Certification Flag:	False	Certification Date:	11/08/1999
Old PBS Number:	Not reported	Expiration Date:	03/28/2004
Inspected Date:	Not reported	Inspector:	Not reported
Inspection Result:	Not reported		
Lat/long:	Not reported		

COOPER PARK (Continued) **U000410820**

Facility Type:	APARTMENT BUILDING
Town or City:	NEW YORK CITY
Town or City Code:	01
County Code:	61
Region:	2

50 NNW 1/4-1/2 2399 ft. **ADAMS DELI** **LTANKS** **S104951065**
112 NASSAU AVE **N/A**
BROOKLYN, NY

Relative: Higher

Actual: 16 ft.

LTANKS:

Spill Number:	0013080	Region of Spill:	2
Spill Date:	03/14/2001 09:50	Reported to Dept:	03/14/2001 10:30
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	In Sewer		
Spill Cause:	Tank Failure		
Water Affected:	Not reported	Spill Source:	Other Commercial/Industrial
Facility Contact:	FIREMAN RIPOLL	Facility Tele:	(718) 476-6288
Investigator:	SANGESLAND	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	Not reported	Spiller Phone:	Not reported
Spiller:	ADAMS DELI		
Spiller Address:	112 NASSAU AVE BROOKLYN, NY		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	03/14/2001		
Spill Notifier:	Fire Department	PBS Number:	Not reported
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard:	False
Recommended Penalty:	Penalty Not Recommended
Spiller Cleanup Date:	Not reported
Enforcement Date:	Not reported
Investigation Complete:	Not reported
UST Involvement:	False
Spill Record Last Update:	03/16/2001
Is Updated:	False
Corrective Action Plan Submitted:	Not reported
True Date :	Not reported
Date Spill Entered In Computer Data File:	03/14/2001
Date Region Sent Summary to Central Office:	Not reported

Tank Test:

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

Material:

Material Class Type:	1
Quantity Spilled:	100

ADAMS DELI (Continued) **S104951065**

Units: Gallons
Unknown Qty Spilled: 100
Quantity Recovered: 0
Unknown Qty Recovered: False
Material: #2 FUEL OIL
Class Type: Petroleum
Chem Abstract Service Number: #2 FUEL OIL
Last Date: 12/07/1994
Num Times Material Entry In File: 24464
DEC Remarks: Duplicate spill number closed Ref: Spill 0013079
Spill Cause: undetermined amount of oil enter drain via basement after tank let go. h a mat on scene Cross Ref Spill 0013079

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51 SW 1/4-1/2 2455 ft. **UNICO GAS STATION** **LTANKS** **S104278570**
445 METROPOLITIAN AVE **N/A**
BROOKLYN, NY

Relative: Equal

Actual: 15 ft.

LTANKS:

Spill Number:	9909193	Region of Spill:	2
Spill Date:	10/28/1999 12:00	Reported to Dept:	10/28/1999 13:45
ID:	Not reported	Date Call Received:	Not reported
Material Spilled 1 :	Not reported	Amount Spilled 1 :	Not reported
Region Close Dt :	Not reported		
Resource Affectd:	On Land		
Spill Cause:	Tank Failure		
Water Affected:	Not reported	Spill Source:	Gas Station
Facility Contact:	JOE	Facility Tele:	(000) 000-0000
Investigator:	ROMMEL	SWIS:	61
Caller Name:	Not reported	Caller Agency:	Not reported
Caller Phone:	Not reported	Caller Extension:	Not reported
Notifier Name:	Not reported	Notifier Agency:	Not reported
Notifier Phone:	Not reported	Notifier Extension:	Not reported
PBS :	Not reported		
Spiller Contact:	JOE	Spiller Phone:	(000) 000-0000
Spiller:	UNICO GAS STATION		
Spiller Address:	445 METROPOLITIAN AVE BROOKLYN		
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.		
Spill Closed Dt:	Not Closed		
Spill Notifier:	Local Agency	PBS Number:	Not reported
Cleanup Ceased:	Not reported		
Last Inspection:	Not reported		

Cleanup Meets Standard: False
Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Date: Not reported
Enforcement Date: Not reported
Investigation Complete: Not reported
UST Involvement: True
Spill Record Last Update: 11/02/1999
Is Updated: False
Corrective Action Plan Submitted: Not reported
True Date : Not reported
Date Spill Entered In Computer Data File: 10/28/1999
Date Region Sent Summary to Central Office: Not reported
Tank Test:
PBS Number: Not reported
Tank Number: Not reported

UNICO GAS STATION (Continued) **S104278570**

Test Method: Not reported
Capacity of Failed Tank: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported
Material:
Material Class Type: 1
Quantity Spilled: 0
Units: Gallons
Unknown Qty Spilled: No
Quantity Recovered: 0
Unknown Qty Recovered: True
Material: GASOLINE
Class Type: Petroleum
Chem Abstract Service Number: GASOLINE
Last Date: 09/29/1994
Num Times Material Entry In File: 21329
DEC Remarks: 11/1/99 On site. All tanks out. Station covered with fresh concrete a lready. Two 55 gallon drums on side of station need to be disposed. Al l tanks off site. No stockpile of soil. Spill 9909344 reported by anonym ous citi en. 11/2/99 Spoke to Butch 516) 831-2982 - beeper? from ITAR Tanks. Dr. Munroe was on site to collect samples from the excavation. NO soil was removed. Concrete slab was removed. PBS needs to be update d - tanks listed as temporarily-out-of-service.
Spill Cause: underground storage tanks were being removed and contaminated soil was d iscovered - site assessment will be done and the owner will decide what he wants to do for clean up

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52
WNW
1/4-1/2
2604 ft.

BAYSIDE OIL **VCP** **S105775540**
1-65 NORTH 12TH STREET **N/A**
BROOKLYN, NY 11211

Relative:
Higher

Actual:
17 ft.

NY VCP:
Facility ID : V00587
Region : 2

53
WNW
1/2-1
3795 ft.

WILLIAMSBURGH GAS LIGHT CO. **Coal Gas** **G000000438**
41 N. 11TH ST. **N/A**
BROOKLYN, NY 11211

Relative:
Lower

Actual:
14 ft.

COAL GAS SITE DESCRIPTION:
Site is on the eastern side of Kent Ave., between 11th St. and 13th St. Site is bordered on the west by the East River. (D11) Site is a CERCLIS Site I.D. #NYD980532030

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BKLYN	U003393381	SAMTONE REALTY	6110 ENGERT AVENUE	11222	AST
BROOKLYN	S105841709	BJR REALTY CORP.	60 SOUTH 2ND STREET (WYTHE ST.)	11211	SWF/LF
BROOKLYN	S105141250	GREENPOINT AVE	AND HUMBOLDT ST		NY Spills
BROOKLYN	S105057935	KINGSLAND AVE	BETW GREENPOINT / RUSSELL		NY Spills
BROOKLYN	1004761888	NYSDOT CONTRACT D258425	BQE CONNECTOR RAMP TO	11211	RCRIS-SQG, FINDS
BROOKLYN	U003389147	ST. STANISLAUS KOSTKA RC CHURCH	185 DRIGGS AVENUE (607 HUMBOLDT STREET	11222	AST
BROOKLYN	S104193268	FRANKLIN ST/MANHATTAN AVE	FRANKLIN ST/MANHATTAN AVE		NY Spills
BROOKLYN	S105842282	NORTH AMERICAN RECYCLING; INC	KENT AVE / CLYMER STREET BROOKLYN NAV YARD	11211	SWF/LF
BROOKLYN	S105057314	MANHOLE #1399	KINGS HWY @ E 19 TH ST		NY Spills
BROOKLYN	S104194878	MANHOLE #55944	MCKIBBIN ST / MANHATTAN A		NY Spills
BROOKLYN	S105841740	N. Y. PAVING CO.	957 MEEKER AVE (MEEKER / GARDNER ST.)	11222	SWF/LF
BROOKLYN	S105841749	ORSANO CARTING CO.	852 MEEKER AVE. (THOMAS / STEWART AVE.)	11222	SWF/LF
BROOKLYN	S106152804	BQE/ANSBACHER COLOR & DYE FACTORY	MEEKER AVENUE	11211	SHWS
BROOKLYN	1001215447	MTA NYCT - METROPOLITAN AVE STATION	METROPOLITAN & NASSAU AVE	11222	RCRIS-SQG, FINDS
BROOKLYN	1000791719	NYCDOT METROPOLITAN AVE BRG #2240290	METROPOLITAN AVE BRG OVER	11211	RCRIS-SQG, FINDS
BROOKLYN	S102150597	METROPOLITAN AVENUE	METROPOLITAN AVENUE		NY Spills
BROOKLYN	S102401903	BROOKLYN QUEENS EXPWY	AT METROPOLITAN AVE		NY Spills
BROOKLYN	S106013734	ON NEWTOWN CREEK	1 MILE FROM MANHATTAN AVE		NY Spills
BROOKLYN	S105841748	ORSANO CARTING	852 MORGAN AVE.AVENUE	11222	SWF/LF
BROOKLYN	S102150600	NEWTON CREEK\MEEKER AVE	NEWTON CREEK\MEEKER AVE		NY Spills
BROOKLYN	S102148521	NEWTOWN CREEK- PAIGE AVE	NEWTON CREEK -PAIGE AVE		NY Spills
BROOKLYN	S105265264	PEREZ INTERBORO ASPHALT C	99 PAIDGE AVENUE	11222	SWF/LF
BROOKLYN	S106005206		PLEASANT / METROPOLITAN		NY Spills
BROOKLYN	1004761576	NYCDOT BUREAU OF BRIDGES	PULASKI BRIDGE OVER NEWTON CRK	11222	FINDS, RCRIS-LQG
BROOKLYN	S102147886	E RIVER NEAR MANHATTAN BR	E RIVER NEAR MANHATTAN BR		NY Spills
BROOKLYN	S105841714	COOPER TANK & WELDING CO.	222-26 SIEGAL AVE	11206	SWF/LF
BROOKLYN	S105841763	WASTE MANAGEMENT OF NY;LLC (75 THOMAS ST	75 THOMAS ST.;(485 SCOTT AVE.)	11222	SWF/LF
BROOKLYN	S104194939	TM 2470	YORK STATE / HUDSON AVE		NY Spills
NEW YORK CITY	1007207082	VS3871	MOORE STREET AND LEONARD STREE	11211	RCRIS-SQG

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D035	METHYL ETHYL KETONE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/04
Date Made Active at EDR: 05/21/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/04/04
Elapsed ASTM days: 17
Date of Last EDR Contact: 05/04/04

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 04/27/04
Date Made Active at EDR: 05/21/04
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/04/04
Elapsed ASTM days: 17
Date of Last EDR Contact: 05/04/04

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/26/04
Date Made Active at EDR: 04/02/04
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/22/04
Elapsed ASTM days: 11
Date of Last EDR Contact: 03/22/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 02/26/04
Date Made Active at EDR: 04/02/04
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/22/04
Elapsed ASTM days: 11
Date of Last EDR Contact: 03/22/04

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/04
Date Made Active at EDR: 04/15/04
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 03/25/04
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/08/04

RCRIS: Resource Conservation and Recovery Information System
Source: EPA
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 04/13/04
Date Made Active at EDR: 05/13/04
Database Release Frequency: Varies
Date of Data Arrival at EDR: 04/20/04
Elapsed ASTM days: 23
Date of Last EDR Contact: 04/20/04

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/26/04
Elapsed ASTM days: 46
Date of Last EDR Contact: 04/26/04

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially
Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies
Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/08/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/04/04
Date of Next Scheduled EDR Contact: 08/02/04

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/08/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/17/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/20/04
Date of Next Scheduled EDR Contact: 07/19/04

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/19/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 03/05/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/04
Date of Next Scheduled EDR Contact: 06/28/04

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/12/04
Date of Next Scheduled EDR Contact: 05/24/04

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/30/04
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/04
Date of Next Scheduled EDR Contact: 08/09/04

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

STORMWATER: Storm Water General Permits
Source: Environmental Protection Agency
Telephone: 202 564-0746
A listing of all facilities with Storm Water General Permits.

Date of Government Version: N/A
Database Release Frequency: Quarterly

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

INDIAN RESERV: Indian Reservations
Source: USGS
Telephone: 202-208-3710
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/02/04
Date of Next Scheduled EDR Contact: 05/10/04

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/14/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/15/04
Date of Next Scheduled EDR Contact: 06/14/04

RMP: Risk Management Plans
Source: Environmental Protection Agency
Telephone: 202-564-8600
When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: N/A
Database Release Frequency: N/A

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 10/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/05/04

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/08/04
Date of Next Scheduled EDR Contact: 06/07/04

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 03/23/04
Date of Next Scheduled EDR Contact: 06/21/04

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/05/04
Date of Next Scheduled EDR Contact: 06/07/04

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/04
Date of Next Scheduled EDR Contact: 07/19/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/22/04
Date of Next Scheduled EDR Contact: 06/21/04

STATE OF NEW YORK ASTM STANDARD RECORDS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Source: Department of Environmental Conservation
Telephone: 518-402-9553
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/03
Date Made Active at EDR: 03/12/04
Database Release Frequency: Annually
Date of Data Arrival at EDR: 02/27/04
Elapsed ASTM days: 14
Date of Last EDR Contact: 02/23/04

SWF/LF: Facility Register
Source: Department of Environmental Conservation
Telephone: 518-457-2051
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/01/04
Date Made Active at EDR: 03/09/04
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 02/10/04
Elapsed ASTM days: 28
Date of Last EDR Contact: 05/03/04

LTANKS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 02/10/04
Date Made Active at EDR: 03/09/04
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/18/04
Elapsed ASTM days: 20
Date of Last EDR Contact: 04/26/04

UST: Petroleum Bulk Storage (PBS) Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 04/26/04

CBS UST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 04/26/04

MOSF UST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/02
Date Made Active at EDR: 03/22/02
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/20/02
Elapsed ASTM days: 30
Date of Last EDR Contact: 04/26/04

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites r emediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 03/17/04
Date Made Active at EDR: 04/28/04
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 04/16/04
Elapsed ASTM days: 12
Date of Last EDR Contact: 03/16/04

SWRCY: Registered Recycling Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8705
A listing of recycling facilities.

Date of Government Version: 02/19/04
Date Made Active at EDR: 04/08/04
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 03/17/04
Elapsed ASTM days: 22
Date of Last EDR Contact: 02/17/04

SWTIRE: Registered Waste Tire Storage & Facility List
Source: Department of Environmental Conservation
Telephone: 518-402-8694

Date of Government Version: 11/01/03
Date Made Active at EDR: 12/10/03
Database Release Frequency: Annually
Date of Data Arrival at EDR: 11/17/03
Elapsed ASTM days: 23
Date of Last EDR Contact: 02/20/04

STATE OF NEW YORK ASTM SUPPLEMENTAL RECORDS

HSWDS: Hazardous Substance Waste Disposal Site Inventory
Source: Department of Environmental Conservation
Telephone: 518-402-9564
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 09/01/02
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

AST: Petroleum Bulk Storage
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/26/04

CBS AST: Chemical Bulk Storage Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/26/04

MOSF AST: Major Oil Storage Facilities Database
Source: NYSDEC
Telephone: 518-402-9549
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/26/04

SPILLS: Spills Information Database
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 02/10/04
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/04
Date of Next Scheduled EDR Contact: 07/26/04

DEL SHWS: Delisted Registry Sites
Source: Department of Environmental Conservation
Telephone: 518-402-9553
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 04/01/03
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/04
Date of Next Scheduled EDR Contact: 05/24/04

MANIFEST: Facility and Manifest Data
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 03/17/04
Database Release Frequency: Annually

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

LOCAL RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Cortland County Storage Tank Listing
Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/18/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

NASSAU COUNTY:

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/04/04
Date of Next Scheduled EDR Contact: 08/02/04

Registered Tank Database
Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 05/21/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/04/04
Date of Next Scheduled EDR Contact: 08/02/04

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 08/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/09/04
Date of Next Scheduled EDR Contact: 05/10/04

Storage Tank Database
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000

Date of Government Version: 08/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/09/04
Date of Next Scheduled EDR Contact: 05/10/04

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 04/27/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

Petroleum Bulk Storage Database
Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 04/27/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/05/04
Date of Next Scheduled EDR Contact: 07/05/04

SUFFOLK COUNTY:

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 04/16/04
Database Release Frequency: Annually

Date of Last EDR Contact: 06/01/04
Date of Next Scheduled EDR Contact: 08/30/04

Storage Tank Database
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521

Date of Government Version: 04/16/04
Database Release Frequency: Annually

Date of Last EDR Contact: 06/01/04
Date of Next Scheduled EDR Contact: 08/30/04

WESTCHESTER COUNTY:

Listing of Storage Tanks
Source: Westchester County Department of Health
Telephone: 914-813-5161
Listing of underground storage tanks in Westchester County.

Date of Government Version: 03/11/04
Database Release Frequency: Varies

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

Listing of Storage Tanks
Source: Westchester County Department of Health
Telephone: 914-813-5161
Listing of aboveground storage tanks in Westchester County.

Date of Government Version: 03/11/04
Database Release Frequency: Varies

Date of Last EDR Contact: 03/01/04
Date of Next Scheduled EDR Contact: 05/31/04

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

Brownfields: Brownfields Site List
Source: Department of Environmental Conservation
Telephone: 518-402-9764

Date of Government Version: 03/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

VCP: Voluntary Cleanup Agreements
Source: Department of Environmental Conservation
Telephone: 518-402-9711
The voluntary remedial program uses private monies to get contaminated sites r emediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/17/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/16/04
Date of Next Scheduled EDR Contact: 06/14/04

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 from the U.S. Fish and Wildlife Service.

New York State Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961
Coverages are based on official New York State Freshwater Wetlands Maps as described in Article 24-0301 of the Environmental Conservation Law.

STREET AND ADDRESS INFORMATION

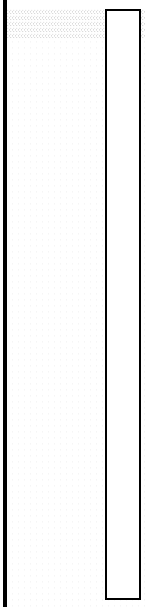
APPENDIX B
SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed along the south side of the Site.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BER 1403	Address: 108 Frost Street, Brooklyn NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		5'4"	Well Specifications
Date Started: 7/2/2014	Date Completed: 7/2/2014			None
Completion Depth: 16 Feet	Geologist Reuben Levinton			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 4	22		0.0	22"- Brown silty sand with concrete **Retained soil sample B1(0-2)*
	4 to 8	10		0.0	8"- Brown/grey silt, wet 2"- Black organic deposit
	8 to 12	26		0.0	15"- Brown/grey silty clay, wet 4"- Grey silt with gravel 7"- Brown clay
	12 to 16	20		0.0	16"- Grey clay, wet 4"- Brown silty sand, wet 40"- Brown silty sand w/ rocks **Retained soil sample B1(14-16)*

Geologic Boring Log Details

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed towards the center of the lot, halfway between the rear and front of the lot.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BER 1403	Address: 108 Frost Street, Brooklyn NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		4'9"	Well Specifications
Date Started: 7/2/2014	Date Completed: 7/2/2014			None
Completion Depth: 16 Feet	Geologist Reuben Levinton			

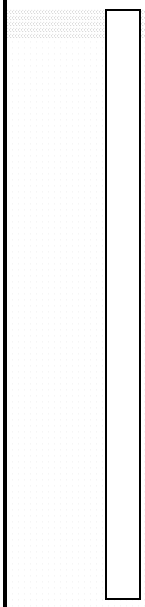
B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 4	8		0.0	2"- Concrete (Fill material) 6"- Brown silty sand with rock (Fill material) **Retained soil sample B2(0-2)*
	4 to 8	20		0.0	6"- Grey silty clay, wet 1"- Black organic deposit 3"- Grey silty clay, wet 10"- Black organic deposit, wet **Retained soil sample B2(0-2')*
	8 to 12	20		0.0	2"- Grey silty clay wet 16"- Grey/brown silty clay, wet 2"- Gravely clay, wet
	12 to 16	20		0.0	12"- Grey clay, wet 6"- Brown silty sand with rock, wet **Retained soil sample B2(14-16)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed on the northwestern corner of the Site, towards the front of the lot.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: BER 1403	Address: 108 Frost Street, Brooklyn, NY		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: C^2 Environmental	Method: Geoprobe		5'4"	Well Specifications
Date Started: 7/2/2014	Date Completed: 7/2/2014			None
Completion Depth: 16 Feet	Geologist Reuben Levinton			

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 4	28		0.0	8"- Cement (fill material) 2"- Black gravely sand 18"- Brown, silty sand with brick at 4' **Retained soil sample B3(0-2)*
	4 to 8	12		0.0	8"- Brown silty sand 4"- Grey silty clay with gravel, wet
	8 to 12	14		0.0	6"- Brown silty sand, wet 2"- Organic deposit 6"- Dark grey clay, wet
	12 to 16	26		0.0	12"- Grey clay, wet 14"- Brown silty sand with rocks, wet **Retained soil sample B3(14-16)*

APPENDIX C
GROUNDWATER SAMPLING LOGS

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Date: 7/9/2014

Well Depth (from TOC): 15

Equipment: Peristaltic Pump

Static Water Level (from TOC): 6.15

Height of Water in Well: 8.85

Gallons of Water per Well Volume: 0.354

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	Comments
0.00	400ml/min	0					turbid
5.00	400ml/min	0.55					Clear
10.00	400ml/min	1.1					Clear
11 mins							* Collected Sample MW1

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Date: 7/9/2014

Well Depth (from TOC): 15

Equipment: Peristaltic Pump

Static Water Level (from TOC): 4.81

Height of Water in Well: 10.19

Gallons of Water per Well Volume: 0.4076

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	Comments
0.00	400ml/min	0					turbid
5.00	400ml/min	0.55					Clear
10.00	400ml/min	1.1					Clear
11 mins							* Collected Sample MW2

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Date: 7/9/2014

Well Depth (from TOC): 15

Equipment: Peristaltic Pump

Static Water Level (from TOC): 5.31

Height of Water in Well: 9.69

Gallons of Water per Well Volume: 0.3876

Flow Rate: 400ml/min.

Time	Pump Rate	Gal. Removed	pH	Cond. (mS/cm)	Temp. (deg. C)	DO (mg/L)	Comments
0.00	400ml/min	0					turbid
5.00	400ml/min	0.55					Clear
10.00	400ml/min	1.1					Clear
11 mins							* Collected Sample MW3

Note 400 ml = 0.11 gallons

APPENDIX 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

4° w/c IP

P.O. # Page of

Data Delivery:
☐ Fax #:
☒ Email: Filp
☐ Phone #:

Report to:

Customer: EBC

Address:

Invoice to: EBC

Sampled by: kw

Project Name: 108 Frost St

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

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
74069		12856	6.0	-30		4991	42	915	1131	7-14-14	-30	-2		X			X
74070	SG-3	223	1	↓		4983	↓	917	1132	7-14-14	-30	-1		X			X
	6L 24HR																

Relinquished by:

Accepted by:

Date: 7-14-14 Time: 1360

T. 7-14-14 1609

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.

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: File
☐ Phone #:

Report to:
Customer: EBC
Address:

Invoice to: EBC

Sampled by:

Project Name: 108 Frost St

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

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
72601	SG 2	353	6.0	-30	8	2809	3.4	949	1119	7.9	-29	-9		X			X
	did not work	489	↓	↓		3410	↓										
	did not work	12873				4494											
	did not work	11290				2870											
	6L 24 hr																

Relinquished by:	Accepted by:	Date:	Time:
		7-10-14	1336
		7-10-14	1910

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: _____

APPENDIX E
LABORATORY REPORTS IN DIGITAL FORMAT

PHOENIX
Environmental Laboratories, Inc.

Thursday, July 17, 2014

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

Project ID: 108 FROST ST.
Sample ID#s: BG74069 - BG74070

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

July 17, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KW	07/14/14	11:31
Location Code:	EBC	Received by:	LB	07/14/14	16:09
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG74069
Phoenix ID: BG74069

Project ID: 108 FROST ST.
Client ID:

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*	07/15/14	KCA	TO15	1
1,1,1-Trichloroethane	8.52	*0.183*	46.4	*1.00*	07/15/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/15/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/15/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/15/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	07/15/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/15/14	KCA	TO15	
1,2,4-Trimethylbenzene	2.49	*0.204*	12.2	*1.00*	07/15/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/15/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.350	*0.204*	1.72	*1.00*	07/15/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/15/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/15/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/15/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/15/14	KCA	TO15	
2-Hexanone(MBK)	6.34	*0.244*	26.0	*1.00*	07/15/14	KCA	TO15	1
4-Ethyltoluene	0.210	*0.204*	1.03	*1.00*	07/15/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	07/15/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.670	*0.244*	2.74	*1.00*	07/15/14	KCA	TO15	
Acetone	30.6	*0.421*	72.6	*1.00*	07/15/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/15/14	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	07/15/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/15/14	KCA	TO15	

Project ID: 108 FROST ST.
Client ID:

Phoenix I.D.: BG74069

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	07/15/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	07/15/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	07/15/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	07/15/14	KCA	TO15	
Carbon Tetrachloride	0.050	*0.040*	0.314	*0.25*	07/15/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	07/15/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	07/15/14	KCA	TO15	
Chloroform	1.09	*0.205*	5.32	*1.00*	07/15/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	07/15/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	07/15/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	07/15/14	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	07/15/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	07/15/14	KCA	TO15	
Dichlorodifluoromethane	24.0	*0.202*	119	*1.00*	07/15/14	KCA	TO15	
Ethanol	18.7	*0.531*	35.2	*1.00*	07/15/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	07/15/14	KCA	TO15	1
Ethylbenzene	0.480	*0.230*	2.08	*1.00*	07/15/14	KCA	TO15	
Heptane	0.970	*0.244*	3.97	*1.00*	07/15/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	07/15/14	KCA	TO15	
Hexane	0.470	*0.284*	1.66	*1.00*	07/15/14	KCA	TO15	
Isopropylalcohol	1.13	*0.407*	2.78	*1.00*	07/15/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	07/15/14	KCA	TO15	
m,p-Xylene	1.80	*0.230*	7.81	*1.00*	07/15/14	KCA	TO15	
Methyl Ethyl Ketone	14.8	*0.339*	43.6	*1.00*	07/15/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	07/15/14	KCA	TO15	
Methylene Chloride	0.990	*0.288*	3.44	*1.00*	07/15/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	07/15/14	KCA	TO15	1
o-Xylene	0.830	*0.230*	3.60	*1.00*	07/15/14	KCA	TO15	
Propylene	1.49	*0.581*	2.56	*1.00*	07/15/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	07/15/14	KCA	TO15	1
Styrene	0.260	*0.235*	1.11	*1.00*	07/15/14	KCA	TO15	
Tetrachloroethene	16.8	*0.037*	114	*0.25*	07/15/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	07/15/14	KCA	TO15	1
Toluene	2.90	*0.266*	10.9	*1.00*	07/15/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	07/15/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	07/15/14	KCA	TO15	
Trichloroethene	ND	*0.047*	ND	*0.25*	07/15/14	KCA	TO15	
Trichlorofluoromethane	0.300	*0.178*	1.68	*1.00*	07/15/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	07/15/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	07/15/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	105	*%*	105	*%*	07/15/14	KCA	TO15	

Project ID: 108 FROST ST.
Client ID:

Phoenix I.D.: BG74069

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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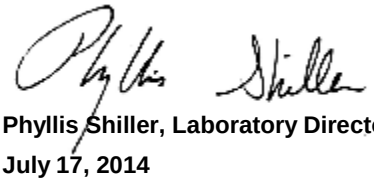

Phyllis Shiller, Laboratory Director

July 17, 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

July 17, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	KW	07/14/14	11:32
Location Code:	EBC	Received by:	LB	07/14/14	16:09
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG74069
Phoenix ID: BG74070

Project ID: 108 FROST ST.
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*	07/15/14	KCA	TO15	1
1,1,1-Trichloroethane	3.87	*0.183*	21.1	*1.00*	07/15/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/15/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/15/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/15/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	07/15/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/15/14	KCA	TO15	
1,2,4-Trimethylbenzene	2.78	*0.204*	13.6	*1.00*	07/15/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	07/15/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/15/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.510	*0.204*	2.50	*1.00*	07/15/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/15/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/15/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/15/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/15/14	KCA	TO15	
2-Hexanone(MBK)	3.83	*0.244*	15.7	*1.00*	07/15/14	KCA	TO15	1
4-Ethyltoluene	0.440	*0.204*	2.16	*1.00*	07/15/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	07/15/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	1.38	*0.244*	5.65	*1.00*	07/15/14	KCA	TO15	
Acetone	5.51	*0.421*	13.1	*1.00*	07/15/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/15/14	KCA	TO15	
Benzene	ND	*0.313*	ND	*1.00*	07/15/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/15/14	KCA	TO15	

Project ID: 108 FROST ST.
Client ID: SG-3

Phoenix I.D.: BG74070

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	07/15/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	07/15/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	07/15/14	KCA	TO15	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	07/15/14	KCA	TO15	
Carbon Tetrachloride	0.050	*0.040*	0.314	*0.25*	07/15/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	07/15/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	07/15/14	KCA	TO15	
Chloroform	0.490	*0.205*	2.39	*1.00*	07/15/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	07/15/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	07/15/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	07/15/14	KCA	TO15	
Cyclohexane	ND	*0.291*	ND	*1.00*	07/15/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	07/15/14	KCA	TO15	
Dichlorodifluoromethane	0.530	*0.202*	2.62	*1.00*	07/15/14	KCA	TO15	
Ethanol	25.6	*0.531*	48.2	*1.00*	07/15/14	KCA	TO15	1
Ethyl acetate	0.410	*0.278*	1.48	*1.00*	07/15/14	KCA	TO15	1
Ethylbenzene	0.660	*0.230*	2.86	*1.00*	07/15/14	KCA	TO15	
Heptane	0.990	*0.244*	4.05	*1.00*	07/15/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	07/15/14	KCA	TO15	
Hexane	0.590	*0.284*	2.08	*1.00*	07/15/14	KCA	TO15	
Isopropylalcohol	1.56	*0.407*	3.83	*1.00*	07/15/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	07/15/14	KCA	TO15	
m,p-Xylene	2.34	*0.230*	10.2	*1.00*	07/15/14	KCA	TO15	
Methyl Ethyl Ketone	5.57	*0.339*	16.4	*1.00*	07/15/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	07/15/14	KCA	TO15	
Methylene Chloride	0.290	*0.288*	1.01	*1.00*	07/15/14	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	07/15/14	KCA	TO15	1
o-Xylene	1.00	*0.230*	4.34	*1.00*	07/15/14	KCA	TO15	
Propylene	ND	*0.581*	ND	*1.00*	07/15/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	07/15/14	KCA	TO15	1
Styrene	0.330	*0.235*	1.40	*1.00*	07/15/14	KCA	TO15	
Tetrachloroethene	1.26	*0.037*	8.54	*0.25*	07/15/14	KCA	TO15	
Tetrahydrofuran	0.580	*0.339*	1.71	*1.00*	07/15/14	KCA	TO15	1
Toluene	3.46	*0.266*	13.0	*1.00*	07/15/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	07/15/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	07/15/14	KCA	TO15	
Trichloroethene	ND	*0.047*	ND	*0.25*	07/15/14	KCA	TO15	
Trichlorofluoromethane	0.310	*0.178*	1.74	*1.00*	07/15/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	07/15/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	07/15/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	107	*%*	107	*%*	07/15/14	KCA	TO15	

Project ID: 108 FROST ST.
Client ID: SG-3

Phoenix I.D.: BG74070

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

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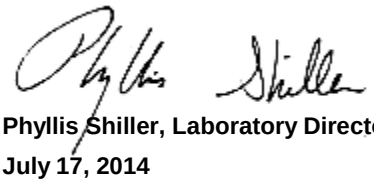

Phyllis Shiller, Laboratory Director

July 17, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
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NY # 11301

QA/QC Report

July 17, 2014

QA/QC Data

SDG I.D.: GBG74069

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 279988, QC Sample No: BG73473 (BG74069, BG74070)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	127	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	104	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	103	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	114	5.06	5.16	1.03	1.05	1.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	101	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	109	1.28	1.33	0.260	0.270	3.8	70 - 130	20
1,3-Butadiene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	103	1.96	1.84	0.480	0.450	6.5	70 - 130	20
Acetone	ND	ND	101	311	318	131	134	2.3	70 - 130	20
Acrylonitrile	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	97	1.31	1.31	0.410	0.410	0.0	70 - 130	20
Benzyl chloride	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	139	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	122	0.503	0.503	0.080	0.080	0.0	70 - 130	20
Chlorobenzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	93	1.55	1.51	0.450	0.440	2.2	70 - 130	20
Dibromochloromethane	ND	ND	126	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	107	2.27	2.12	0.460	0.430	6.7	70 - 130	20
Ethanol	ND	ND	89	103	106	54.5	56.5	3.6	70 - 130	20

QA/QC Data

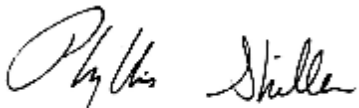
SDG I.D.: GBG74069

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	115	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	114	2.13	2.21	0.490	0.510	4.0	70 - 130	20
Heptane	ND	ND	96	3.03	2.95	0.740	0.720	2.7	70 - 130	20
Hexachlorobutadiene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	95	6.27	6.59	1.78	1.87	4.9	70 - 130	20
Isopropylalcohol	ND	ND	107	7.25	7.47	2.95	3.04	3.0	70 - 130	20
Isopropylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	115	8.55	8.81	1.97	2.03	3.0	70 - 130	20
Methyl Ethyl Ketone	ND	ND	104	43.3	43.3	14.7	14.7	0.0	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	86	20.2	21.1	5.82	6.08	4.4	70 - 130	20
n-Butylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	112	3.30	3.30	0.760	0.760	0.0	70 - 130	20
Propylene	ND	ND	92	7.28	7.88	4.23	4.58	7.9	70 - 130	20
sec-Butylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	110	0.813	0.813	0.120	0.120	0.0	70 - 130	20
Tetrahydrofuran	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	107	10.7	10.8	2.84	2.88	1.4	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	124	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	113	1.35	1.35	0.240	0.240	0.0	70 - 130	20
Trichlorotrifluoroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	108	108	101	104	105	104	105	1.0	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
July 17, 2014

Sample Criteria Exceedences Report

GBG74069 - 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

4° w/c IP

P.O. # Page of

Data Delivery:
☐ Fax #:
☒ Email: Filp
☐ Phone #:

Report to:

Customer: EBC

Address:

Invoice to: EBC

Sampled by: kw

Project Name: 108 Frost St

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

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
74069		12856	6.0	-30		4991	42	915	1131	7-14-14	-30	-2		X			X
74070	SG-3	223	1	↓		4983	↓	917	1132	7-14-14	-30	-1		X			X
	6L 24HR																

Relinquished by:

Accepted by:

Date: 7-14-14 Time: 1360

T. 7-14-14 1609

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.

Thursday, July 17, 2014

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

Project ID: 108 FROST
Sample ID#s: BG72601

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

July 17, 2014

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

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		07/09/14	11:19
Location Code:	EBC	Received by:	LB	07/10/14	16:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG72601
Phoenix ID: BG72601

Project ID: 108 FROST
Client ID: SG2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/14/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	07/14/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	07/14/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	07/14/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	07/14/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	07/14/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	07/14/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.48	*0.204*	7.27	*1.00*	07/14/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	07/14/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/14/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	07/14/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	07/14/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	07/14/14	KCA	TO15	
1,3,5-Trimethylbenzene	0.400	*0.204*	1.96	*1.00*	07/14/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	07/14/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/14/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	07/14/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	07/14/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	07/14/14	KCA	TO15	1
4-Ethyltoluene	0.430	*0.204*	2.11	*1.00*	07/14/14	KCA	TO15	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	07/14/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	0.340	*0.244*	1.39	*1.00*	07/14/14	KCA	TO15	
Acetone	24.9	*0.421*	59.1	*1.00*	07/14/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	07/14/14	KCA	TO15	
Benzene	1.71	*0.313*	5.46	*1.00*	07/14/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	07/14/14	KCA	TO15	

Project ID: 108 FROST
Client ID: SG2

Phoenix I.D.: BG72601

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	07/14/14	KCA	TO15	
Bromoform	ND		*0.097*	ND	*1.00*	07/14/14	KCA	TO15	
Bromomethane	ND		*0.258*	ND	*1.00*	07/14/14	KCA	TO15	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	07/14/14	KCA	TO15	
Carbon Tetrachloride	0.100		*0.040*	0.629	*0.25*	07/14/14	KCA	TO15	
Chlorobenzene	ND		*0.217*	ND	*1.00*	07/14/14	KCA	TO15	
Chloroethane	ND		*0.379*	ND	*1.00*	07/14/14	KCA	TO15	
Chloroform	ND		*0.205*	ND	*1.00*	07/14/14	KCA	TO15	
Chloromethane	0.720		*0.484*	1.48	*1.00*	07/14/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	07/14/14	KCA	TO15	
cis-1,3-Dichloropropene	ND		*0.220*	ND	*1.00*	07/14/14	KCA	TO15	
Cyclohexane	1.65		*0.291*	5.68	*1.00*	07/14/14	KCA	TO15	
Dibromochloromethane	ND		*0.117*	ND	*1.00*	07/14/14	KCA	TO15	
Dichlorodifluoromethane	0.370		*0.202*	1.83	*1.00*	07/14/14	KCA	TO15	
Ethanol	156	E	*0.531*	294	*1.00*	07/14/14	KCA	TO15	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	07/14/14	KCA	TO15	1
Ethylbenzene	1.13		*0.230*	4.90	*1.00*	07/14/14	KCA	TO15	
Heptane	1.73		*0.244*	7.08	*1.00*	07/14/14	KCA	TO15	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	07/14/14	KCA	TO15	
Hexane	5.90		*0.284*	20.8	*1.00*	07/14/14	KCA	TO15	
Isopropylalcohol	1.68		*0.407*	4.13	*1.00*	07/14/14	KCA	TO15	
Isopropylbenzene	ND		*0.204*	ND	*1.00*	07/14/14	KCA	TO15	
m,p-Xylene	4.32		*0.230*	18.7	*1.00*	07/14/14	KCA	TO15	
Methyl Ethyl Ketone	2.97		*0.339*	8.75	*1.00*	07/14/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	07/14/14	KCA	TO15	
Methylene Chloride	3.86		*0.288*	13.4	*1.00*	07/14/14	KCA	TO15	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	07/14/14	KCA	TO15	1
o-Xylene	1.63		*0.230*	7.07	*1.00*	07/14/14	KCA	TO15	
Propylene	2.67		*0.581*	4.59	*1.00*	07/14/14	KCA	TO15	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	07/14/14	KCA	TO15	1
Styrene	ND		*0.235*	ND	*1.00*	07/14/14	KCA	TO15	
Tetrachloroethene	0.180		*0.037*	1.22	*0.25*	07/14/14	KCA	TO15	
Tetrahydrofuran	0.800		*0.339*	2.36	*1.00*	07/14/14	KCA	TO15	1
Toluene	5.76		*0.266*	21.7	*1.00*	07/14/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	07/14/14	KCA	TO15	
trans-1,3-Dichloropropene	ND		*0.220*	ND	*1.00*	07/14/14	KCA	TO15	
Trichloroethene	ND		*0.047*	ND	*0.25*	07/14/14	KCA	TO15	
Trichlorofluoromethane	0.310		*0.178*	1.74	*1.00*	07/14/14	KCA	TO15	
Trichlorotrifluoroethane	ND		*0.130*	ND	*1.00*	07/14/14	KCA	TO15	
Vinyl Chloride	ND		*0.098*	ND	*0.25*	07/14/14	KCA	TO15	
QA/QC Surrogates									
% Bromofluorobenzene	105		*%*	105	*%*	07/14/14	KCA	TO15	

Project ID: 108 FROST
Client ID: SG2

Phoenix I.D.: BG72601

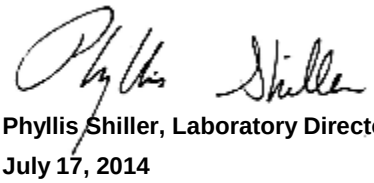
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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

July 17, 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

July 17, 2014

QA/QC Data

SDG I.D.: GBG72601

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 279988, QC Sample No: BG73473 (BG72601)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	127	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	104	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	103	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	114	5.06	5.16	1.03	1.05	1.9	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	101	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	109	1.28	1.33	0.260	0.270	3.8	70 - 130	20
1,3-Butadiene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	103	1.96	1.84	0.480	0.450	6.5	70 - 130	20
Acetone	ND	ND	101	311	318	131	134	2.3	70 - 130	20
Acrylonitrile	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	97	1.31	1.31	0.410	0.410	0.0	70 - 130	20
Benzyl chloride	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	139	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Carbon Tetrachloride	ND	ND	122	0.503	0.503	0.080	0.080	0.0	70 - 130	20
Chlorobenzene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	115	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	93	1.55	1.51	0.450	0.440	2.2	70 - 130	20
Dibromochloromethane	ND	ND	126	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	107	2.27	2.12	0.460	0.430	6.7	70 - 130	20
Ethanol	ND	ND	89	103	106	54.5	56.5	3.6	70 - 130	20

QA/QC Data

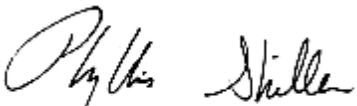
SDG I.D.: GBG72601

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	115	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	114	2.13	2.21	0.490	0.510	4.0	70 - 130	20
Heptane	ND	ND	96	3.03	2.95	0.740	0.720	2.7	70 - 130	20
Hexachlorobutadiene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	95	6.27	6.59	1.78	1.87	4.9	70 - 130	20
Isopropylalcohol	ND	ND	107	7.25	7.47	2.95	3.04	3.0	70 - 130	20
Isopropylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	115	8.55	8.81	1.97	2.03	3.0	70 - 130	20
Methyl Ethyl Ketone	ND	ND	104	43.3	43.3	14.7	14.7	0.0	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	119	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	86	20.2	21.1	5.82	6.08	4.4	70 - 130	20
n-Butylbenzene	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	112	3.30	3.30	0.760	0.760	0.0	70 - 130	20
Propylene	ND	ND	92	7.28	7.88	4.23	4.58	7.9	70 - 130	20
sec-Butylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	114	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	110	0.813	0.813	0.120	0.120	0.0	70 - 130	20
Tetrahydrofuran	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	107	10.7	10.8	2.84	2.88	1.4	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	124	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	113	1.35	1.35	0.240	0.240	0.0	70 - 130	20
Trichlorotrifluoroethane	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	108	108	101	104	105	104	105	1.0	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
July 17, 2014

Sample Criteria Exceedences Report

GBG72601 - 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: File
☐ Phone #:

Report to:
Customer: EBC
Address:

Invoice to: EBC

Sampled by:

Project Name: 108 Frost St

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

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
72601	SG 2	353	6.0	-30	8	2809	3.4	949	1119	7.9	-29	-9		X			X
	did not work	489	↓	↓		3410	↓										
	did not work	12873				4494											
	did not work	11290				2870											
	6L 24 hr																

Relinquished by:	Accepted by:	Date:	Time:
		7-10-14	1336
		7-10-14	1910

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.

Tuesday, July 29, 2014

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

Project ID: 108 FROST ST BROOKLYN NY
Sample ID#s: BG69286 - BG69291, BG69533 - BG69534

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.

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

Sincerely yours,

Phyllis Shiller

Laboratory Director

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

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

NY # 11301

SDG Comments

July 29, 2014

SDG I.D.: GBG69286

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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

BG69286 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BG69287 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BG69288 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BG69289 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BG69290 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BG69291 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Environmental Business Consultants

Project: 108 FROST ST BROOKLYN NY

Laboratory Project: GBG69286

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG69286**

Environmental Business Consultants 108 FROST ST BROOKLYN NY

Methodology Summary

Metals

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

Pesticides:

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

Polychlorinated Biphenyls (PCBs):

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

Semivolatile Organic Compounds

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

Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B1 0-2	BG69286	SOLID
B1 14-16	BG69287	SOLID
B2 0-2	BG69288	SOLID
B2 14-16	BG69289	SOLID
B3 0-2	BG69290	SOLID
B3 14-16	BG69291	SOLID
TB-HIGH	BG69533	SOIL
TB-LOW	BG69534	SOIL

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NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG69286**

Environmental Business Consultants 108 FROST ST BROOKLYN NY

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BG69286	Aluminum	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Antimony	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Arsenic	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Barium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Beryllium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Cadmium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Calcium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Chromium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Cobalt	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Copper	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Iron	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Lead	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Magnesium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Manganese	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Mercury	07/02/14	07/07/14	07/07/14	RS	Y
BG69286	Nickel	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Pesticides - Soil	07/02/14	07/03/14	07/05/14	CE	Y
BG69286	Polychlorinated Biphenyls	07/02/14	07/03/14	07/05/14	AW	Y
BG69286	Potassium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Selenium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Semivolatiles	07/02/14	07/03/14	07/04/14	DD	Y
BG69286	Silver	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Sodium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Thallium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Vanadium	07/02/14	07/03/14	07/08/14	EK	Y
BG69286	Volatiles	07/02/14	07/06/14	07/06/14	JLI	Y
BG69286	Zinc	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Aluminum	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Antimony	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Arsenic	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Barium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Beryllium	07/02/14	07/03/14	07/08/14	EK	Y

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NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG69286**

Environmental Business Consultants 108 FROST ST BROOKLYN NY

BG69287	Cadmium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Calcium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Chromium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Cobalt	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Copper	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Iron	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Lead	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Magnesium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Manganese	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Mercury	07/02/14	07/07/14	07/07/14	RS	Y
BG69287	Nickel	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Pesticides - Soil	07/02/14	07/03/14	07/05/14	CE	Y
BG69287	Polychlorinated Biphenyls	07/02/14	07/03/14	07/05/14	AW	Y
BG69287	Potassium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Selenium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Semivolatiles	07/02/14	07/03/14	07/04/14	DD	Y
BG69287	Silver	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Sodium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Thallium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Vanadium	07/02/14	07/03/14	07/08/14	EK	Y
BG69287	Volatiles	07/02/14	07/06/14	07/06/14	JLI	Y
BG69287	Zinc	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Aluminum	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Antimony	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Arsenic	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Barium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Beryllium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Cadmium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Calcium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Chromium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Cobalt	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Copper	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Iron	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Lead	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Magnesium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Manganese	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Mercury	07/02/14	07/07/14	07/07/14	RS	Y

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NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG69286**

Environmental Business Consultants 108 FROST ST BROOKLYN NY

BG69288	Nickel	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Pesticides - Soil	07/02/14	07/03/14	07/05/14	CE	Y
BG69288	Polychlorinated Biphenyls	07/02/14	07/03/14	07/07/14	AW	Y
BG69288	Potassium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Selenium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Semivolatiles	07/02/14	07/03/14	07/07/14	DD	Y
BG69288	Silver	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Sodium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Thallium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Vanadium	07/02/14	07/03/14	07/08/14	EK	Y
BG69288	Volatiles	07/02/14	07/09/14	07/09/14	JLI	Y
BG69288	Zinc	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Aluminum	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Antimony	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Arsenic	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Barium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Beryllium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Cadmium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Calcium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Chromium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Cobalt	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Copper	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Iron	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Lead	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Magnesium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Manganese	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Mercury	07/02/14	07/07/14	07/07/14	RS	Y
BG69289	Nickel	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Pesticides - Soil	07/02/14	07/03/14	07/05/14	CE	Y
BG69289	Polychlorinated Biphenyls	07/02/14	07/03/14	07/05/14	AW	Y
BG69289	Potassium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Selenium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Semivolatiles	07/02/14	07/03/14	07/04/14	DD	Y
BG69289	Silver	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Sodium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Thallium	07/02/14	07/03/14	07/08/14	EK	Y
BG69289	Vanadium	07/02/14	07/03/14	07/08/14	EK	Y

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NY # 11301

NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG69286**

Environmental Business Consultants 108 FROST ST BROOKLYN NY

BG69289	Volatiles	07/02/14	07/09/14	07/09/14	JLI	Y
BG69289	Zinc	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Aluminum	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Antimony	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Arsenic	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Barium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Beryllium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Cadmium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Calcium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Chromium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Cobalt	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Copper	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Iron	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Lead	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Magnesium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Manganese	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Mercury	07/02/14	07/07/14	07/07/14	RS	Y
BG69290	Nickel	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Pesticides - Soil	07/02/14	07/03/14	07/05/14	CE	Y
BG69290	Polychlorinated Biphenyls	07/02/14	07/03/14	07/05/14	AW	Y
BG69290	Potassium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Selenium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Semivolatiles	07/02/14	07/03/14	07/04/14	DD	Y
BG69290	Silver	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Sodium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Thallium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Vanadium	07/02/14	07/03/14	07/08/14	EK	Y
BG69290	Volatiles	07/02/14	07/06/14	07/06/14	JLI	Y
BG69290	Zinc	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Aluminum	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Antimony	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Arsenic	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Barium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Beryllium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Cadmium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Calcium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Chromium	07/02/14	07/03/14	07/08/14	EK	Y

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July 29, 2014 **SDG I.D.: GBG69286**

Environmental Business Consultants 108 FROST ST BROOKLYN NY

BG69291	Cobalt	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Copper	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Iron	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Lead	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Magnesium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Manganese	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Mercury	07/02/14	07/07/14	07/07/14	RS	Y
BG69291	Nickel	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Pesticides - Soil	07/02/14	07/03/14	07/05/14	CE	Y
BG69291	Polychlorinated Biphenyls	07/02/14	07/03/14	07/05/14	AW	Y
BG69291	Potassium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Selenium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Semivolatiles	07/02/14	07/03/14	07/04/14	DD	Y
BG69291	Silver	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Sodium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Thallium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Vanadium	07/02/14	07/03/14	07/08/14	EK	Y
BG69291	Volatiles	07/02/14	07/06/14	07/06/14	JLI	Y
BG69291	Zinc	07/02/14	07/03/14	07/08/14	EK	Y
BG69533	Volatiles	07/02/14	07/06/14	07/06/14	JLI	Y
BG69534	Volatiles	07/02/14	07/06/14	07/06/14	JLI	Y

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 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:	SOLID	Collected by:		07/02/14	7:45
Location Code:	EBC	Received by:	SW	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69286

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B1 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Aluminum	7290		36	7.2	mg/Kg	07/08/14	EK	SW6010
Arsenic	29.9		0.7	0.72	mg/Kg	07/08/14	EK	SW6010
Barium	290		0.7	0.36	mg/Kg	07/08/14	EK	SW6010
Beryllium	0.48		0.29	0.14	mg/Kg	07/08/14	EK	SW6010
Calcium	13900		36	33	mg/Kg	07/08/14	EK	SW6010
Cadmium	0.79		0.36	0.14	mg/Kg	07/08/14	EK	SW6010
Cobalt	6.85		0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Chromium	31.2	*	0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Copper	91.5	*	0.36	0.36	mg/kg	07/08/14	EK	SW6010
Iron	21700		36	36	mg/Kg	07/08/14	EK	SW6010
Mercury	1.20		0.07	0.04	mg/Kg	07/07/14	RS	SW-7471
Potassium	1110		7	2.8	mg/Kg	07/08/14	EK	SW6010
Magnesium	2120	*	3.6	3.6	mg/Kg	07/08/14	EK	SW6010
Manganese	317		3.6	3.6	mg/Kg	07/08/14	EK	SW6010
Sodium	327	N	7	3.1	mg/Kg	07/08/14	EK	SW6010
Nickel	16.4	*	0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Lead	230		7.2	3.6	mg/Kg	07/08/14	EK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	07/08/14	EK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	07/08/14	EK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	07/08/14	EK	SW6010
Vanadium	27.1		0.4	0.36	mg/Kg	07/08/14	EK	SW6010
Zinc	112		0.7	0.36	mg/Kg	07/08/14	EK	SW6010
Percent Solid	88				%	07/03/14	I	E160.3
Soil Extraction for PCB	Completed					07/03/14	NB/F	SW3545
Soil Extraction for Pesticide	Completed					07/03/14	NB	SW3545
Soil Extraction for SVOA	Completed					07/03/14	NB/F	SW3545
Mercury Digestion	Completed					07/07/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				07/03/14	CB/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1221	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1232	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1242	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1248	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1254	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1260	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1262	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
PCB-1268	ND	37	37	ug/Kg	07/05/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	128			%	07/05/14	AW	30 - 150 %
% TCMX	78			%	07/05/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
a-Chlordane	ND	3.7	3.7	ug/Kg	07/05/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	07/05/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan I	ND	3.7	3.7	ug/Kg	07/05/14	CE	SW8081
Endosulfan II	ND	3.7	3.7	ug/Kg	07/05/14	CE	SW8081
Endosulfan sulfate	ND	3.7	3.7	ug/Kg	07/05/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Endrin aldehyde	ND	3.7	3.7	ug/Kg	07/05/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
g-Chlordane	ND	3.7	3.7	ug/Kg	07/05/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Methoxychlor	ND	16	16	ug/Kg	07/05/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	07/05/14	CE	SW8081
QA/QC Surrogates							
% DCBP	103			%	07/05/14	CE	30 - 150 %
% TCMX	93			%	07/05/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	0.93	ug/Kg	07/06/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.7	1.1	ug/Kg	07/06/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.7	0.81	ug/Kg	07/06/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.7	0.56	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethane	ND	5.7	1.1	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethene	ND	5.7	1.2	ug/Kg	07/06/14	JLI	SW8260

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B1 0-2

Phoenix I.D.: BG69286

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.7	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.7	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.7	0.81	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.7	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		5.7	0.82	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.7	1.5	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromoethane	ND		5.7	1.5	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.7	0.63	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloroethane	ND		5.7	0.50	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloropropane	ND		5.7	0.81	ug/Kg	07/06/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		5.7	0.75	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.7	0.84	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichloropropane	ND		5.7	0.60	ug/Kg	07/06/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.7	0.90	ug/Kg	07/06/14	JLI	SW8260	
2,2-Dichloropropane	ND		5.7	0.95	ug/Kg	07/06/14	JLI	SW8260	
2-Chlorotoluene	ND		5.7	0.91	ug/Kg	07/06/14	JLI	SW8260	
2-Hexanone	ND		28	2.6	ug/Kg	07/06/14	JLI	SW8260	
2-Isopropyltoluene	ND		5.7	0.78	ug/Kg	07/06/14	JLI	SW8260	1
4-Chlorotoluene	ND		5.7	0.66	ug/Kg	07/06/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		28	1.4	ug/Kg	07/06/14	JLI	SW8260	
Acetone	14	JS	50	5.6	ug/Kg	07/06/14	JLI	SW8260	
Acrylonitrile	ND		11	3.2	ug/Kg	07/06/14	JLI	SW8260	
Benzene	ND		5.7	1.1	ug/Kg	07/06/14	JLI	SW8260	
Bromobenzene	ND		5.7	0.74	ug/Kg	07/06/14	JLI	SW8260	
Bromochloromethane	ND		5.7	0.83	ug/Kg	07/06/14	JLI	SW8260	
Bromodichloromethane	ND		5.7	0.70	ug/Kg	07/06/14	JLI	SW8260	
Bromoform	ND		5.7	0.80	ug/Kg	07/06/14	JLI	SW8260	
Bromomethane	ND		5.7	4.4	ug/Kg	07/06/14	JLI	SW8260	
Carbon Disulfide	ND		5.7	0.92	ug/Kg	07/06/14	JLI	SW8260	
Carbon tetrachloride	ND		5.7	0.66	ug/Kg	07/06/14	JLI	SW8260	
Chlorobenzene	ND		5.7	0.84	ug/Kg	07/06/14	JLI	SW8260	
Chloroethane	ND		5.7	1.3	ug/Kg	07/06/14	JLI	SW8260	
Chloroform	ND		5.7	1.0	ug/Kg	07/06/14	JLI	SW8260	
Chloromethane	ND		5.7	3.0	ug/Kg	07/06/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.7	1.2	ug/Kg	07/06/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.7	0.61	ug/Kg	07/06/14	JLI	SW8260	
Dibromochloromethane	ND		5.7	0.64	ug/Kg	07/06/14	JLI	SW8260	
Dibromomethane	ND		5.7	0.72	ug/Kg	07/06/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.7	1.5	ug/Kg	07/06/14	JLI	SW8260	
Ethylbenzene	ND		5.7	1.0	ug/Kg	07/06/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.7	1.2	ug/Kg	07/06/14	JLI	SW8260	
Isopropylbenzene	ND		5.7	1.1	ug/Kg	07/06/14	JLI	SW8260	
m&p-Xylene	ND		5.7	2.2	ug/Kg	07/06/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		34	4.9	ug/Kg	07/06/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	07/06/14	JLI	SW8260	
Methylene chloride	1.3	JS	5.7	0.93	ug/Kg	07/06/14	JLI	SW8260	
Naphthalene	ND		5.7	1.5	ug/Kg	07/06/14	JLI	SW8260	
n-Butylbenzene	ND		5.7	1.0	ug/Kg	07/06/14	JLI	SW8260	
n-Propylbenzene	ND		5.7	1.0	ug/Kg	07/06/14	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND		5.7	2.2	ug/Kg	07/06/14	JLI	SW8260	
p-Isopropyltoluene	ND		5.7	0.82	ug/Kg	07/06/14	JLI	SW8260	
sec-Butylbenzene	ND		5.7	1.1	ug/Kg	07/06/14	JLI	SW8260	
Styrene	ND		5.7	1.6	ug/Kg	07/06/14	JLI	SW8260	
tert-Butylbenzene	ND		5.7	0.91	ug/Kg	07/06/14	JLI	SW8260	
Tetrachloroethene	ND		5.7	1.2	ug/Kg	07/06/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND		11	5.1	ug/Kg	07/06/14	JLI	SW8260	1
Toluene	ND		5.7	0.90	ug/Kg	07/06/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND		5.7	1.1	ug/Kg	07/06/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND		5.7	1.2	ug/Kg	07/06/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		11	11	ug/Kg	07/06/14	JLI	SW8260	
Trichloroethene	ND		5.7	1.2	ug/Kg	07/06/14	JLI	SW8260	
Trichlorofluoromethane	ND		5.7	1.3	ug/Kg	07/06/14	JLI	SW8260	
Trichlorotrifluoroethane	ND		5.7	0.89	ug/Kg	07/06/14	JLI	SW8260	
Vinyl chloride	ND		5.7	1.8	ug/Kg	07/06/14	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	109				%	07/06/14	JLI	70 - 121 %	
% Bromofluorobenzene	101				%	07/06/14	JLI	59 - 113 %	
% Dibromofluoromethane	118				%	07/06/14	JLI	70 - 130 %	
% Toluene-d8	119				%	07/06/14	JLI	84 - 138 %	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		260	130	ug/Kg	07/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND		260	200	ug/Kg	07/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND		260	130	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND		260	93	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND		1900	260	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND		260	150	ug/Kg	07/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
2-Chloronaphthalene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Chlorophenol	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylnaphthalene	150	J	260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND		260	180	ug/Kg	07/04/14	DD	SW 8270	
2-Nitroaniline	ND		1900	380	ug/Kg	07/04/14	DD	SW 8270	
2-Nitrophenol	ND		260	240	ug/Kg	07/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND		260	150	ug/Kg	07/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND		750	180	ug/Kg	07/04/14	DD	SW 8270	
3-Nitroaniline	ND		1900	810	ug/Kg	07/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	07/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	07/04/14	DD	SW 8270	
4-Chloroaniline	ND		750	170	ug/Kg	07/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND		260	130	ug/Kg	07/04/14	DD	SW 8270	
4-Nitroaniline	ND		1900	120	ug/Kg	07/04/14	DD	SW 8270	

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B1 0-2

Phoenix I.D.: BG69286

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthene	420		260	110	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthylene	160	J	260	100	ug/Kg	07/04/14	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Aniline	ND		1900	750	ug/Kg	07/04/14	DD	SW 8270	
Anthracene	790		260	120	ug/Kg	07/04/14	DD	SW 8270	
Benz(a)anthracene	2200		260	130	ug/Kg	07/04/14	DD	SW 8270	
Benzidine	ND		750	220	ug/Kg	07/04/14	DD	SW 8270	
Benzo(a)pyrene	1700		260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(b)fluoranthene	2100		260	130	ug/Kg	07/04/14	DD	SW 8270	
Benzo(ghi)perylene	490		260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(k)fluoranthene	740		260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzoic acid	ND		1900	750	ug/Kg	07/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		260	96	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	140	J	260	110	ug/Kg	07/04/14	DD	SW 8270	
Carbazole	460	J	1900	280	ug/Kg	07/04/14	DD	SW 8270	
Chrysene	2300		260	130	ug/Kg	07/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	170	J	260	120	ug/Kg	07/04/14	DD	SW 8270	
Dibenzofuran	170	J	260	110	ug/Kg	07/04/14	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Di-n-butylphthalate	ND		260	99	ug/Kg	07/04/14	DD	SW 8270	
Di-n-octylphthalate	ND		260	96	ug/Kg	07/04/14	DD	SW 8270	
Fluoranthene	4600		260	120	ug/Kg	07/04/14	DD	SW 8270	
Fluorene	350		260	120	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobutadiene	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	440		260	120	ug/Kg	07/04/14	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Naphthalene	190	J	260	110	ug/Kg	07/04/14	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Phenanthrene	4500		260	110	ug/Kg	07/04/14	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Pyrene	5300		260	130	ug/Kg	07/04/14	DD	SW 8270	
Pyridine	ND		260	92	ug/Kg	07/04/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	62				%	07/04/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	83				%	07/04/14	DD	30 - 115 %	
% 2-Fluorophenol	75				%	07/04/14	DD	25 - 121 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	63			%	07/04/14	DD	23 - 120 %
% Phenol-d5	75			%	07/04/14	DD	24 - 113 %
% Terphenyl-d14	110			%	07/04/14	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.

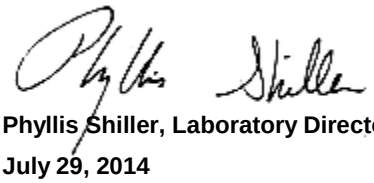
Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:	SOLID	Collected by:		07/02/14	7:50
Location Code:	EBC	Received by:	SW	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69287

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B1 14-16

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Aluminum	8350		35	7.1	mg/Kg	07/08/14	EK	SW6010
Arsenic	2.4		0.7	0.71	mg/Kg	07/08/14	EK	SW6010
Barium	73.0		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Beryllium	0.45		0.28	0.14	mg/Kg	07/08/14	EK	SW6010
Calcium	1630		3.5	3.3	mg/Kg	07/08/14	EK	SW6010
Cadmium	0.14	B	0.35	0.14	mg/Kg	07/08/14	EK	SW6010
Cobalt	5.33		0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Chromium	19.3	*	0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Copper	20.7	*	0.35	0.35	mg/kg	07/08/14	EK	SW6010
Iron	12400		35	35	mg/Kg	07/08/14	EK	SW6010
Mercury	< 0.08		0.08	0.05	mg/Kg	07/07/14	RS	SW-7471
Potassium	817		7	2.8	mg/Kg	07/08/14	EK	SW6010
Magnesium	2710	*	3.5	3.5	mg/Kg	07/08/14	EK	SW6010
Manganese	99.5		0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Sodium	98	N	7	3.0	mg/Kg	07/08/14	EK	SW6010
Nickel	12.0	*	0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Lead	15.9		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	07/08/14	EK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	07/08/14	EK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	07/08/14	EK	SW6010
Vanadium	26.3		0.4	0.35	mg/Kg	07/08/14	EK	SW6010
Zinc	30.5		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Percent Solid	85				%	07/03/14	I	E160.3
Soil Extraction for PCB	Completed					07/03/14	NB/F	SW3545
Soil Extraction for Pesticide	Completed					07/03/14	NB	SW3545
Soil Extraction for SVOA	Completed					07/03/14	NB/F	SW3545
Mercury Digestion	Completed					07/07/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				07/03/14	CB/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	87			%	07/05/14	AW	30 - 150 %
% TCMX	56			%	07/05/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Chlordane	ND	23	23	ug/Kg	07/05/14	CE	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Methoxychlor	ND	7.6	7.6	ug/Kg	07/05/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	07/05/14	CE	SW8081
QA/QC Surrogates							
% DCBP	82			%	07/05/14	CE	30 - 150 %
% TCMX	77			%	07/05/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	0.96	ug/Kg	07/06/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.9	1.2	ug/Kg	07/06/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.9	0.84	ug/Kg	07/06/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.9	0.58	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethene	ND	5.9	1.3	ug/Kg	07/06/14	JLI	SW8260

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B1 14-16

Phoenix I.D.: BG69287

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.9	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.9	0.84	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		5.9	0.85	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.9	1.6	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.9	0.65	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloroethane	ND		5.9	0.52	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloropropane	ND		5.9	0.84	ug/Kg	07/06/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		5.9	0.78	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.9	0.87	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichloropropane	ND		5.9	0.62	ug/Kg	07/06/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.9	0.93	ug/Kg	07/06/14	JLI	SW8260	
2,2-Dichloropropane	ND		5.9	0.99	ug/Kg	07/06/14	JLI	SW8260	
2-Chlorotoluene	ND		5.9	0.94	ug/Kg	07/06/14	JLI	SW8260	
2-Hexanone	ND		29	2.6	ug/Kg	07/06/14	JLI	SW8260	
2-Isopropyltoluene	ND		5.9	0.81	ug/Kg	07/06/14	JLI	SW8260	1
4-Chlorotoluene	ND		5.9	0.68	ug/Kg	07/06/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		29	1.4	ug/Kg	07/06/14	JLI	SW8260	
Acetone	15	JS	50	5.8	ug/Kg	07/06/14	JLI	SW8260	
Acrylonitrile	ND		12	3.3	ug/Kg	07/06/14	JLI	SW8260	
Benzene	ND		5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
Bromobenzene	ND		5.9	0.76	ug/Kg	07/06/14	JLI	SW8260	
Bromochloromethane	ND		5.9	0.86	ug/Kg	07/06/14	JLI	SW8260	
Bromodichloromethane	ND		5.9	0.73	ug/Kg	07/06/14	JLI	SW8260	
Bromoform	ND		5.9	0.82	ug/Kg	07/06/14	JLI	SW8260	
Bromomethane	ND		5.9	4.5	ug/Kg	07/06/14	JLI	SW8260	
Carbon Disulfide	ND		5.9	0.95	ug/Kg	07/06/14	JLI	SW8260	
Carbon tetrachloride	ND		5.9	0.68	ug/Kg	07/06/14	JLI	SW8260	
Chlorobenzene	ND		5.9	0.87	ug/Kg	07/06/14	JLI	SW8260	
Chloroethane	ND		5.9	1.4	ug/Kg	07/06/14	JLI	SW8260	
Chloroform	ND		5.9	1.1	ug/Kg	07/06/14	JLI	SW8260	
Chloromethane	ND		5.9	3.1	ug/Kg	07/06/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.9	1.3	ug/Kg	07/06/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.9	0.64	ug/Kg	07/06/14	JLI	SW8260	
Dibromochloromethane	ND		5.9	0.66	ug/Kg	07/06/14	JLI	SW8260	
Dibromomethane	ND		5.9	0.74	ug/Kg	07/06/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.9	1.6	ug/Kg	07/06/14	JLI	SW8260	
Ethylbenzene	ND		5.9	1.1	ug/Kg	07/06/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
Isopropylbenzene	ND		5.9	1.1	ug/Kg	07/06/14	JLI	SW8260	
m&p-Xylene	ND		5.9	2.3	ug/Kg	07/06/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		35	5.1	ug/Kg	07/06/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		12	1.6	ug/Kg	07/06/14	JLI	SW8260	
Methylene chloride	1.8	JS	5.9	0.96	ug/Kg	07/06/14	JLI	SW8260	
Naphthalene	ND		5.9	1.6	ug/Kg	07/06/14	JLI	SW8260	
n-Butylbenzene	ND		5.9	1.1	ug/Kg	07/06/14	JLI	SW8260	
n-Propylbenzene	ND		5.9	1.1	ug/Kg	07/06/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	5.9	2.2	ug/Kg	07/06/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.9	0.85	ug/Kg	07/06/14	JLI	SW8260	
sec-Butylbenzene	ND	5.9	1.1	ug/Kg	07/06/14	JLI	SW8260	
Styrene	ND	5.9	1.7	ug/Kg	07/06/14	JLI	SW8260	
tert-Butylbenzene	ND	5.9	0.94	ug/Kg	07/06/14	JLI	SW8260	
Tetrachloroethene	ND	5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	12	5.3	ug/Kg	07/06/14	JLI	SW8260	1
Toluene	ND	5.9	0.93	ug/Kg	07/06/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	07/06/14	JLI	SW8260	
Trichloroethene	ND	5.9	1.2	ug/Kg	07/06/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.9	1.3	ug/Kg	07/06/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.9	0.92	ug/Kg	07/06/14	JLI	SW8260	
Vinyl chloride	ND	5.9	1.9	ug/Kg	07/06/14	JLI	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	97			%	07/06/14	JLI	70 - 121 %	
% Bromofluorobenzene	109			%	07/06/14	JLI	59 - 113 %	
% Dibromofluoromethane	118			%	07/06/14	JLI	70 - 130 %	
% Toluene-d8	122			%	07/06/14	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	07/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND	270	94	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	270	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	150	ug/Kg	07/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
2-Chloronaphthalene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2-Chlorophenol	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylnaphthalene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	07/04/14	DD	SW 8270	
2-Nitroaniline	ND	1900	380	ug/Kg	07/04/14	DD	SW 8270	
2-Nitrophenol	ND	270	240	ug/Kg	07/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	07/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	07/04/14	DD	SW 8270	
3-Nitroaniline	ND	1900	830	ug/Kg	07/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	07/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
4-Chloroaniline	ND	760	180	ug/Kg	07/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	07/04/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1900	170	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthylene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Acetophenone	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Aniline	ND	1900	770	ug/Kg	07/04/14	DD	SW 8270	
Anthracene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Benz(a)anthracene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benzidine	ND	760	220	ug/Kg	07/04/14	DD	SW 8270	
Benzo(a)pyrene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benzo(ghi)perylene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benzoic acid	ND	1900	760	ug/Kg	07/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	270	98	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Carbazole	ND	1900	290	ug/Kg	07/04/14	DD	SW 8270	
Chrysene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Dibenzofuran	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Diethyl phthalate	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Dimethylphthalate	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Di-n-butylphthalate	ND	270	100	ug/Kg	07/04/14	DD	SW 8270	
Di-n-octylphthalate	ND	270	98	ug/Kg	07/04/14	DD	SW 8270	
Fluoranthene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Fluorene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobutadiene	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Hexachloroethane	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Isophorone	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Naphthalene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Nitrobenzene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	07/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
Pentachlorophenol	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
Phenanthrene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Phenol	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Pyrene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Pyridine	ND	270	94	ug/Kg	07/04/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	07/04/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	79			%	07/04/14	DD	30 - 115 %	
% 2-Fluorophenol	77			%	07/04/14	DD	25 - 121 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	58			%	07/04/14	DD	23 - 120 %
% Phenol-d5	75			%	07/04/14	DD	24 - 113 %
% Terphenyl-d14	114			%	07/04/14	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.

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

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.
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Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:	SOLID	Collected by:		07/02/14	8:45
Location Code:	EBC	Received by:	SW	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69288

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B2 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Aluminum	7100		35	7.0	mg/Kg	07/08/14	EK	SW6010
Arsenic	36.0		0.7	0.70	mg/Kg	07/08/14	EK	SW6010
Barium	281		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Beryllium	0.38		0.28	0.14	mg/Kg	07/08/14	EK	SW6010
Calcium	19600		35	32	mg/Kg	07/08/14	EK	SW6010
Cadmium	0.50		0.35	0.14	mg/Kg	07/08/14	EK	SW6010
Cobalt	7.55		0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Chromium	43.4	*	0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Copper	111	*	0.35	0.35	mg/kg	07/08/14	EK	SW6010
Iron	16400		35	35	mg/Kg	07/08/14	EK	SW6010
Mercury	1.04		0.07	0.04	mg/Kg	07/07/14	RS	SW-7471
Potassium	1130		7	2.7	mg/Kg	07/08/14	EK	SW6010
Magnesium	4260	*	3.5	3.5	mg/Kg	07/08/14	EK	SW6010
Manganese	301		3.5	3.5	mg/Kg	07/08/14	EK	SW6010
Sodium	544	N	7	3.0	mg/Kg	07/08/14	EK	SW6010
Nickel	23.0	*	0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Lead	489		7.0	3.5	mg/Kg	07/08/14	EK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	07/08/14	EK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	07/08/14	EK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	07/08/14	EK	SW6010
Vanadium	21.7		0.4	0.35	mg/Kg	07/08/14	EK	SW6010
Zinc	112		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Percent Solid	89				%	07/03/14	I	E160.3
Soil Extraction for PCB	Completed					07/03/14	NB/F	SW3545
Soil Extraction for Pesticide	Completed					07/03/14	NB	SW3545
Soil Extraction for SVOA	Completed					07/03/14	NB/F	SW3545
Mercury Digestion	Completed					07/07/14	I/I	SW7471

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B2 0-2

Phoenix I.D.: BG69288

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				07/03/14	CB/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	07/07/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	140			%	07/07/14	AW	30 - 150 %
% TCMX	85			%	07/07/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
4,4' -DDT	ND	3.3	3.3	ug/Kg	07/05/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	07/05/14	CE	SW8081
d-BHC	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endrin	ND	7.3	7.3	ug/Kg	07/05/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endrin ketone	ND	23	23	ug/Kg	07/05/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Heptachlor epoxide	ND	2.9	2.9	ug/Kg	07/05/14	CE	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	07/05/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	07/05/14	CE	SW8081
QA/QC Surrogates							
% DCBP	Interference			%	07/05/14	CE	30 - 150 %
% TCMX	89			%	07/05/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	0.92	ug/Kg	07/06/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	0.80	ug/Kg	07/06/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.6	0.55	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethene	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B2 0-2

Phoenix I.D.: BG69288

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.6	0.80	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		5.6	0.81	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.6	1.5	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.6	0.62	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloroethane	ND		5.6	0.49	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloropropane	ND		5.6	0.80	ug/Kg	07/06/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		5.6	0.74	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.6	0.83	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichloropropane	ND		5.6	0.60	ug/Kg	07/06/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.6	0.89	ug/Kg	07/06/14	JLI	SW8260	
2,2-Dichloropropane	ND		5.6	0.94	ug/Kg	07/06/14	JLI	SW8260	
2-Chlorotoluene	ND		5.6	0.90	ug/Kg	07/06/14	JLI	SW8260	
2-Hexanone	ND		28	2.5	ug/Kg	07/06/14	JLI	SW8260	
2-Isopropyltoluene	ND		5.6	0.78	ug/Kg	07/06/14	JLI	SW8260	1
4-Chlorotoluene	ND		5.6	0.65	ug/Kg	07/06/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		28	1.3	ug/Kg	07/06/14	JLI	SW8260	
Acetone	21	JS	50	5.6	ug/Kg	07/06/14	JLI	SW8260	B*
Acrylonitrile	ND		11	3.2	ug/Kg	07/06/14	JLI	SW8260	
Benzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
Bromobenzene	ND		5.6	0.73	ug/Kg	07/06/14	JLI	SW8260	
Bromochloromethane	ND		5.6	0.82	ug/Kg	07/06/14	JLI	SW8260	
Bromodichloromethane	ND		5.6	0.70	ug/Kg	07/06/14	JLI	SW8260	
Bromoform	ND		5.6	0.79	ug/Kg	07/06/14	JLI	SW8260	
Bromomethane	ND		5.6	4.3	ug/Kg	07/06/14	JLI	SW8260	
Carbon Disulfide	ND		5.6	0.91	ug/Kg	07/06/14	JLI	SW8260	
Carbon tetrachloride	ND		5.6	0.65	ug/Kg	07/06/14	JLI	SW8260	
Chlorobenzene	ND		5.6	0.83	ug/Kg	07/06/14	JLI	SW8260	
Chloroethane	ND		5.6	1.3	ug/Kg	07/06/14	JLI	SW8260	
Chloroform	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	
Chloromethane	ND		5.6	2.9	ug/Kg	07/06/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.6	0.61	ug/Kg	07/06/14	JLI	SW8260	
Dibromochloromethane	ND		5.6	0.63	ug/Kg	07/06/14	JLI	SW8260	
Dibromomethane	ND		5.6	0.71	ug/Kg	07/06/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.6	1.5	ug/Kg	07/06/14	JLI	SW8260	
Ethylbenzene	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Isopropylbenzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
m&p-Xylene	ND		5.6	2.2	ug/Kg	07/06/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		34	4.9	ug/Kg	07/06/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	07/06/14	JLI	SW8260	
Methylene chloride	1.2	JS	5.6	0.92	ug/Kg	07/06/14	JLI	SW8260	B*
Naphthalene	780	D	280	75	ug/Kg	07/09/14	JLI	SW8260	
n-Butylbenzene	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	
n-Propylbenzene	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	5.6	2.1	ug/Kg	07/06/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.6	0.81	ug/Kg	07/06/14	JLI	SW8260	
sec-Butylbenzene	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
Styrene	ND	5.6	1.6	ug/Kg	07/06/14	JLI	SW8260	
tert-Butylbenzene	ND	5.6	0.90	ug/Kg	07/06/14	JLI	SW8260	
Tetrachloroethene	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	11	5.1	ug/Kg	07/06/14	JLI	SW8260	1
Toluene	ND	5.6	0.89	ug/Kg	07/06/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	07/06/14	JLI	SW8260	
Trichloroethene	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.6	0.88	ug/Kg	07/06/14	JLI	SW8260	
Vinyl chloride	ND	5.6	1.8	ug/Kg	07/06/14	JLI	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98			%	07/06/14	JLI	70 - 121 %	
% Bromofluorobenzene	107			%	07/06/14	JLI	59 - 113 %	
% Dibromofluoromethane	108			%	07/06/14	JLI	70 - 130 %	
% Toluene-d8	121			%	07/06/14	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	1300	650	ug/Kg	07/06/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	1300	560	ug/Kg	07/06/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	1300	520	ug/Kg	07/06/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	1300	600	ug/Kg	07/06/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	1300	550	ug/Kg	07/06/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	1300	550	ug/Kg	07/06/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	1300	1000	ug/Kg	07/06/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	1300	590	ug/Kg	07/06/14	DD	SW 8270	
2,4-Dichlorophenol	ND	1300	650	ug/Kg	07/06/14	DD	SW 8270	
2,4-Dimethylphenol	ND	1300	460	ug/Kg	07/06/14	DD	SW 8270	
2,4-Dinitrophenol	ND	9200	1300	ug/Kg	07/06/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	1300	730	ug/Kg	07/06/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	1300	580	ug/Kg	07/06/14	DD	SW 8270	
2-Chloronaphthalene	ND	1300	520	ug/Kg	07/06/14	DD	SW 8270	
2-Chlorophenol	ND	1300	520	ug/Kg	07/06/14	DD	SW 8270	
2-Methylnaphthalene	1600	1300	550	ug/Kg	07/06/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	1300	870	ug/Kg	07/06/14	DD	SW 8270	
2-Nitroaniline	ND	9200	1900	ug/Kg	07/06/14	DD	SW 8270	
2-Nitrophenol	ND	1300	1200	ug/Kg	07/06/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1300	730	ug/Kg	07/06/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	3700	870	ug/Kg	07/06/14	DD	SW 8270	
3-Nitroaniline	ND	9200	4000	ug/Kg	07/06/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	9200	2000	ug/Kg	07/06/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	1300	540	ug/Kg	07/06/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	1300	650	ug/Kg	07/06/14	DD	SW 8270	
4-Chloroaniline	ND	3700	860	ug/Kg	07/06/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	1300	620	ug/Kg	07/06/14	DD	SW 8270	
4-Nitroaniline	ND	9200	620	ug/Kg	07/06/14	DD	SW 8270	

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B2 0-2

Phoenix I.D.: BG69288

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		9200	830	ug/Kg	07/06/14	DD	SW 8270	
Acenaphthene	4200		1300	560	ug/Kg	07/06/14	DD	SW 8270	
Acenaphthylene	590	J	1300	520	ug/Kg	07/06/14	DD	SW 8270	
Acetophenone	ND		1300	580	ug/Kg	07/06/14	DD	SW 8270	
Aniline	ND		9200	3700	ug/Kg	07/06/14	DD	SW 8270	
Anthracene	9000		1300	600	ug/Kg	07/06/14	DD	SW 8270	
Benz(a)anthracene	15000		1300	620	ug/Kg	07/06/14	DD	SW 8270	
Benzidine	ND		3700	1100	ug/Kg	07/06/14	DD	SW 8270	
Benzo(a)pyrene	12000		1300	600	ug/Kg	07/06/14	DD	SW 8270	
Benzo(b)fluoranthene	15000		1300	630	ug/Kg	07/06/14	DD	SW 8270	
Benzo(ghi)perylene	4900		1300	600	ug/Kg	07/06/14	DD	SW 8270	
Benzo(k)fluoranthene	4200		1300	610	ug/Kg	07/06/14	DD	SW 8270	
Benzoic acid	ND		9200	3700	ug/Kg	07/06/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		1300	480	ug/Kg	07/06/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		1300	510	ug/Kg	07/06/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		1300	500	ug/Kg	07/06/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		1300	510	ug/Kg	07/06/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		1300	530	ug/Kg	07/06/14	DD	SW 8270	
Carbazole	5900	J	9200	1400	ug/Kg	07/06/14	DD	SW 8270	
Chrysene	15000		1300	620	ug/Kg	07/06/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		1300	600	ug/Kg	07/06/14	DD	SW 8270	
Dibenzofuran	3100		1300	540	ug/Kg	07/06/14	DD	SW 8270	
Diethyl phthalate	ND		1300	580	ug/Kg	07/06/14	DD	SW 8270	
Dimethylphthalate	ND		1300	570	ug/Kg	07/06/14	DD	SW 8270	
Di-n-butylphthalate	ND		1300	490	ug/Kg	07/06/14	DD	SW 8270	
Di-n-octylphthalate	ND		1300	480	ug/Kg	07/06/14	DD	SW 8270	
Fluoranthene	51000	D	6500	3000	ug/Kg	07/07/14	DD	SW 8270	
Fluorene	3600		1300	610	ug/Kg	07/06/14	DD	SW 8270	
Hexachlorobenzene	ND		1300	540	ug/Kg	07/06/14	DD	SW 8270	
Hexachlorobutadiene	ND		1300	670	ug/Kg	07/06/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		1300	560	ug/Kg	07/06/14	DD	SW 8270	
Hexachloroethane	ND		1300	550	ug/Kg	07/06/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	5300		1300	610	ug/Kg	07/06/14	DD	SW 8270	
Isophorone	ND		1300	520	ug/Kg	07/06/14	DD	SW 8270	
Naphthalene	2900		1300	530	ug/Kg	07/06/14	DD	SW 8270	
Nitrobenzene	ND		1300	650	ug/Kg	07/06/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		1300	520	ug/Kg	07/06/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		1300	600	ug/Kg	07/06/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		1300	710	ug/Kg	07/06/14	DD	SW 8270	
Pentachloronitrobenzene	ND		1300	690	ug/Kg	07/06/14	DD	SW 8270	
Pentachlorophenol	ND		800	700	ug/Kg	07/06/14	DD	SW 8270	
Phenanthrene	51000	D	6500	2600	ug/Kg	07/07/14	DD	SW 8270	
Phenol	ND		1300	590	ug/Kg	07/06/14	DD	SW 8270	
Pyrene	49000	D	6500	3200	ug/Kg	07/07/14	DD	SW 8270	
Pyridine	ND		1300	450	ug/Kg	07/06/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	78				%	07/06/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	85				%	07/06/14	DD	30 - 115 %	
% 2-Fluorophenol	74				%	07/06/14	DD	25 - 121 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	83			%	07/06/14	DD	23 - 120 %
% Phenol-d5	87			%	07/06/14	DD	24 - 113 %
% Terphenyl-d14	118			%	07/06/14	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.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

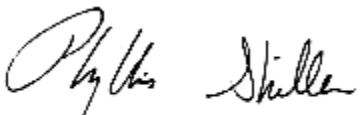
This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:	SOLID	Collected by:		07/02/14	8:50
Location Code:	EBC	Received by:	SW	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69289

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B2 14-16

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Aluminum	8430		35	7.0	mg/Kg	07/08/14	EK	SW6010
Arsenic	1.8		0.7	0.70	mg/Kg	07/08/14	EK	SW6010
Barium	133		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Beryllium	0.50		0.28	0.14	mg/Kg	07/08/14	EK	SW6010
Calcium	1660		3.5	3.2	mg/Kg	07/08/14	EK	SW6010
Cadmium	0.24	B	0.35	0.14	mg/Kg	07/08/14	EK	SW6010
Cobalt	7.02		0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Chromium	22.3	*	0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Copper	17.7	*	0.35	0.35	mg/kg	07/08/14	EK	SW6010
Iron	17900		35	35	mg/Kg	07/08/14	EK	SW6010
Mercury	< 0.07		0.07	0.04	mg/Kg	07/07/14	RS	SW-7471
Potassium	1550		7	2.7	mg/Kg	07/08/14	EK	SW6010
Magnesium	2930	*	3.5	3.5	mg/Kg	07/08/14	EK	SW6010
Manganese	235		3.5	3.5	mg/Kg	07/08/14	EK	SW6010
Sodium	125	N	7	3.0	mg/Kg	07/08/14	EK	SW6010
Nickel	14.2	*	0.35	0.35	mg/Kg	07/08/14	EK	SW6010
Lead	8.0		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	07/08/14	EK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	07/08/14	EK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	07/08/14	EK	SW6010
Vanadium	28.0		0.4	0.35	mg/Kg	07/08/14	EK	SW6010
Zinc	34.4		0.7	0.35	mg/Kg	07/08/14	EK	SW6010
Percent Solid	85				%	07/03/14	I	E160.3
Soil Extraction for PCB	Completed					07/03/14	NB/F	SW3545
Soil Extraction for Pesticide	Completed					07/03/14	NB	SW3545
Soil Extraction for SVOA	Completed					07/03/14	NB/F	SW3545
Mercury Digestion	Completed					07/07/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				07/03/14	CB/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	112			%	07/05/14	AW	30 - 150 %
% TCMX	70			%	07/05/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Chlordane	ND	23	23	ug/Kg	07/05/14	CE	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Methoxychlor	ND	7.6	7.6	ug/Kg	07/05/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	07/05/14	CE	SW8081
QA/QC Surrogates							
% DCBP	103			%	07/05/14	CE	30 - 150 %
% TCMX	99			%	07/05/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.9	0.96	ug/Kg	07/09/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.9	1.2	ug/Kg	07/09/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.9	0.84	ug/Kg	07/09/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.9	0.58	ug/Kg	07/09/14	JLI	SW8260
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	07/09/14	JLI	SW8260
1,1-Dichloroethene	ND	5.9	1.3	ug/Kg	07/09/14	JLI	SW8260

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B2 14-16

Phoenix I.D.: BG69289

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.9	1.1	ug/Kg	07/09/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.9	0.84	ug/Kg	07/09/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		5.9	0.85	ug/Kg	07/09/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.9	1.6	ug/Kg	07/09/14	JLI	SW8260	
1,2-Dibromoethane	ND		5.9	1.6	ug/Kg	07/09/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.9	0.65	ug/Kg	07/09/14	JLI	SW8260	
1,2-Dichloroethane	ND		5.9	0.52	ug/Kg	07/09/14	JLI	SW8260	
1,2-Dichloropropane	ND		5.9	0.84	ug/Kg	07/09/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		5.9	0.78	ug/Kg	07/09/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.9	0.87	ug/Kg	07/09/14	JLI	SW8260	
1,3-Dichloropropane	ND		5.9	0.62	ug/Kg	07/09/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.9	0.93	ug/Kg	07/09/14	JLI	SW8260	
2,2-Dichloropropane	ND		5.9	0.99	ug/Kg	07/09/14	JLI	SW8260	
2-Chlorotoluene	ND		5.9	0.94	ug/Kg	07/09/14	JLI	SW8260	
2-Hexanone	ND		29	2.6	ug/Kg	07/09/14	JLI	SW8260	
2-Isopropyltoluene	ND		5.9	0.81	ug/Kg	07/09/14	JLI	SW8260	1
4-Chlorotoluene	ND		5.9	0.68	ug/Kg	07/09/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		29	1.4	ug/Kg	07/09/14	JLI	SW8260	
Acetone	15	JBS	50	5.8	ug/Kg	07/09/14	JLI	SW8260	B*
Acrylonitrile	ND		12	3.3	ug/Kg	07/09/14	JLI	SW8260	
Benzene	ND		5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
Bromobenzene	ND		5.9	0.76	ug/Kg	07/09/14	JLI	SW8260	
Bromochloromethane	ND		5.9	0.86	ug/Kg	07/09/14	JLI	SW8260	
Bromodichloromethane	ND		5.9	0.73	ug/Kg	07/09/14	JLI	SW8260	
Bromoform	ND		5.9	0.82	ug/Kg	07/09/14	JLI	SW8260	
Bromomethane	ND		5.9	4.5	ug/Kg	07/09/14	JLI	SW8260	
Carbon Disulfide	ND		5.9	0.95	ug/Kg	07/09/14	JLI	SW8260	
Carbon tetrachloride	ND		5.9	0.68	ug/Kg	07/09/14	JLI	SW8260	
Chlorobenzene	ND		5.9	0.87	ug/Kg	07/09/14	JLI	SW8260	
Chloroethane	ND		5.9	1.4	ug/Kg	07/09/14	JLI	SW8260	
Chloroform	ND		5.9	1.1	ug/Kg	07/09/14	JLI	SW8260	
Chloromethane	ND		5.9	3.1	ug/Kg	07/09/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.9	1.3	ug/Kg	07/09/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.9	0.64	ug/Kg	07/09/14	JLI	SW8260	
Dibromochloromethane	ND		5.9	0.66	ug/Kg	07/09/14	JLI	SW8260	
Dibromomethane	ND		5.9	0.74	ug/Kg	07/09/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.9	1.6	ug/Kg	07/09/14	JLI	SW8260	
Ethylbenzene	ND		5.9	1.1	ug/Kg	07/09/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
Isopropylbenzene	ND		5.9	1.1	ug/Kg	07/09/14	JLI	SW8260	
m&p-Xylene	ND		5.9	2.3	ug/Kg	07/09/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		35	5.1	ug/Kg	07/09/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		12	1.6	ug/Kg	07/09/14	JLI	SW8260	
Methylene chloride	2.2	JBS	5.9	0.96	ug/Kg	07/09/14	JLI	SW8260	B*
Naphthalene	ND		5.9	1.6	ug/Kg	07/09/14	JLI	SW8260	
n-Butylbenzene	ND		5.9	1.1	ug/Kg	07/09/14	JLI	SW8260	
n-Propylbenzene	ND		5.9	1.1	ug/Kg	07/09/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	5.9	2.2	ug/Kg	07/09/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.9	0.85	ug/Kg	07/09/14	JLI	SW8260	
sec-Butylbenzene	ND	5.9	1.1	ug/Kg	07/09/14	JLI	SW8260	
Styrene	ND	5.9	1.7	ug/Kg	07/09/14	JLI	SW8260	
tert-Butylbenzene	ND	5.9	0.94	ug/Kg	07/09/14	JLI	SW8260	
Tetrachloroethene	ND	5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	12	5.3	ug/Kg	07/09/14	JLI	SW8260	1
Toluene	ND	5.9	0.93	ug/Kg	07/09/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	07/09/14	JLI	SW8260	
Trichloroethene	ND	5.9	1.2	ug/Kg	07/09/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.9	1.3	ug/Kg	07/09/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.9	0.92	ug/Kg	07/09/14	JLI	SW8260	
Vinyl chloride	ND	5.9	1.9	ug/Kg	07/09/14	JLI	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	07/09/14	JLI	70 - 121 %	
% Bromofluorobenzene	94			%	07/09/14	JLI	59 - 113 %	
% Dibromofluoromethane	97			%	07/09/14	JLI	70 - 130 %	
% Toluene-d8	101			%	07/09/14	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	07/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND	270	96	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	270	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	270	150	ug/Kg	07/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
2-Chloronaphthalene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2-Chlorophenol	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylnaphthalene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	07/04/14	DD	SW 8270	
2-Nitroaniline	ND	1900	390	ug/Kg	07/04/14	DD	SW 8270	
2-Nitrophenol	ND	270	240	ug/Kg	07/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	07/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	770	180	ug/Kg	07/04/14	DD	SW 8270	
3-Nitroaniline	ND	1900	840	ug/Kg	07/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	420	ug/Kg	07/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
4-Chloroaniline	ND	770	180	ug/Kg	07/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	07/04/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1900	170	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthylene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Acetophenone	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Aniline	ND	1900	780	ug/Kg	07/04/14	DD	SW 8270	
Anthracene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benz(a)anthracene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benzidine	ND	770	230	ug/Kg	07/04/14	DD	SW 8270	
Benzo(a)pyrene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benzo(ghi)perylene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Benzoic acid	ND	1900	770	ug/Kg	07/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	270	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Carbazole	ND	1900	290	ug/Kg	07/04/14	DD	SW 8270	
Chrysene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Dibenzofuran	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Diethyl phthalate	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Dimethylphthalate	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Di-n-butylphthalate	ND	270	100	ug/Kg	07/04/14	DD	SW 8270	
Di-n-octylphthalate	ND	270	100	ug/Kg	07/04/14	DD	SW 8270	
Fluoranthene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Fluorene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobenzene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobutadiene	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Hexachloroethane	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Isophorone	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Naphthalene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Nitrobenzene	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	07/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND	270	140	ug/Kg	07/04/14	DD	SW 8270	
Pentachlorophenol	ND	270	150	ug/Kg	07/04/14	DD	SW 8270	
Phenanthrene	ND	270	110	ug/Kg	07/04/14	DD	SW 8270	
Phenol	ND	270	120	ug/Kg	07/04/14	DD	SW 8270	
Pyrene	ND	270	130	ug/Kg	07/04/14	DD	SW 8270	
Pyridine	ND	270	95	ug/Kg	07/04/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	68			%	07/04/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	66			%	07/04/14	DD	30 - 115 %	
% 2-Fluorophenol	76			%	07/04/14	DD	25 - 121 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	55			%	07/04/14	DD	23 - 120 %
% Phenol-d5	77			%	07/04/14	DD	24 - 113 %
% Terphenyl-d14	114			%	07/04/14	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.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

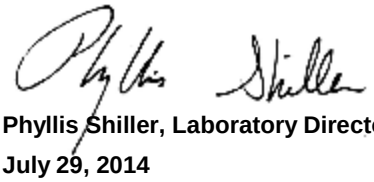
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

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.



Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:	SOLID	Collected by:		07/02/14	9:45
Location Code:	EBC	Received by:	SW	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69290

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B3 0-2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	07/08/14	EK	SW6010
Aluminum	6910		34	6.8	mg/Kg	07/08/14	EK	SW6010
Arsenic	33.4		0.7	0.68	mg/Kg	07/08/14	EK	SW6010
Barium	180		0.7	0.34	mg/Kg	07/08/14	EK	SW6010
Beryllium	0.43		0.27	0.14	mg/Kg	07/08/14	EK	SW6010
Calcium	2850		3.4	3.1	mg/Kg	07/08/14	EK	SW6010
Cadmium	0.58		0.34	0.14	mg/Kg	07/08/14	EK	SW6010
Cobalt	8.22		0.34	0.34	mg/Kg	07/08/14	EK	SW6010
Chromium	39.5	*	0.34	0.34	mg/Kg	07/08/14	EK	SW6010
Copper	84.0	*	0.34	0.34	mg/kg	07/08/14	EK	SW6010
Iron	23100		34	34	mg/Kg	07/08/14	EK	SW6010
Mercury	0.33		0.08	0.05	mg/Kg	07/07/14	RS	SW-7471
Potassium	1100		7	2.6	mg/Kg	07/08/14	EK	SW6010
Magnesium	1870	*	3.4	3.4	mg/Kg	07/08/14	EK	SW6010
Manganese	452		3.4	3.4	mg/Kg	07/08/14	EK	SW6010
Sodium	155	N	7	2.9	mg/Kg	07/08/14	EK	SW6010
Nickel	14.1	*	0.34	0.34	mg/Kg	07/08/14	EK	SW6010
Lead	351		6.8	3.4	mg/Kg	07/08/14	EK	SW6010
Antimony	< 1.7		1.7	1.7	mg/Kg	07/08/14	EK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	07/08/14	EK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	07/08/14	EK	SW6010
Vanadium	24.4		0.3	0.34	mg/Kg	07/08/14	EK	SW6010
Zinc	151		6.8	3.4	mg/Kg	07/08/14	EK	SW6010
Percent Solid	89				%	07/03/14	I	E160.3
Soil Extraction for PCB	Completed					07/03/14	NB/F	SW3545
Soil Extraction for Pesticide	Completed					07/03/14	NB	SW3545
Soil Extraction for SVOA	Completed					07/03/14	NB/F	SW3545
Mercury Digestion	Completed					07/07/14	I/I	SW7471

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B3 0-2

Phoenix I.D.: BG69290

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				07/03/14	CB/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1221	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1232	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1242	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1248	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1254	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1260	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1262	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
PCB-1268	ND	36	36	ug/Kg	07/05/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	121			%	07/05/14	AW	30 - 150 %
% TCMX	74			%	07/05/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
4,4' -DDE	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
4,4' -DDT	ND	2.6	2.6	ug/Kg	07/05/14	CE	SW8081
a-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
a-Chlordane	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Aldrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
b-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Chlordane	ND	22	22	ug/Kg	07/05/14	CE	SW8081
d-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Dieldrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan I	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endosulfan II	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endosulfan sulfate	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endrin	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Endrin aldehyde	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Endrin ketone	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
g-BHC	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
g-Chlordane	ND	3.6	3.6	ug/Kg	07/05/14	CE	SW8081
Heptachlor	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Heptachlor epoxide	ND	1.8	1.8	ug/Kg	07/05/14	CE	SW8081
Methoxychlor	ND	7.3	7.3	ug/Kg	07/05/14	CE	SW8081
Toxaphene	ND	180	180	ug/Kg	07/05/14	CE	SW8081
QA/QC Surrogates							
% DCBP	93			%	07/05/14	CE	30 - 150 %
% TCMX	88			%	07/05/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	0.92	ug/Kg	07/06/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	0.80	ug/Kg	07/06/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.6	0.55	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethane	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethene	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B3 0-2

Phoenix I.D.: BG69290

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.6	0.80	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		5.6	0.81	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.6	1.5	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromoethane	ND		5.6	1.5	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.6	0.62	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloroethane	ND		5.6	0.49	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloropropane	ND		5.6	0.80	ug/Kg	07/06/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		5.6	0.74	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.6	0.83	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichloropropane	ND		5.6	0.60	ug/Kg	07/06/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.6	0.89	ug/Kg	07/06/14	JLI	SW8260	
2,2-Dichloropropane	ND		5.6	0.94	ug/Kg	07/06/14	JLI	SW8260	
2-Chlorotoluene	ND		5.6	0.90	ug/Kg	07/06/14	JLI	SW8260	
2-Hexanone	ND		28	2.5	ug/Kg	07/06/14	JLI	SW8260	
2-Isopropyltoluene	ND		5.6	0.78	ug/Kg	07/06/14	JLI	SW8260	1
4-Chlorotoluene	ND		5.6	0.65	ug/Kg	07/06/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		28	1.3	ug/Kg	07/06/14	JLI	SW8260	
Acetone	8.1	JS	50	5.6	ug/Kg	07/06/14	JLI	SW8260	
Acrylonitrile	ND		11	3.2	ug/Kg	07/06/14	JLI	SW8260	
Benzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
Bromobenzene	ND		5.6	0.73	ug/Kg	07/06/14	JLI	SW8260	
Bromochloromethane	ND		5.6	0.82	ug/Kg	07/06/14	JLI	SW8260	
Bromodichloromethane	ND		5.6	0.70	ug/Kg	07/06/14	JLI	SW8260	
Bromoform	ND		5.6	0.79	ug/Kg	07/06/14	JLI	SW8260	
Bromomethane	ND		5.6	4.3	ug/Kg	07/06/14	JLI	SW8260	
Carbon Disulfide	ND		5.6	0.91	ug/Kg	07/06/14	JLI	SW8260	
Carbon tetrachloride	ND		5.6	0.65	ug/Kg	07/06/14	JLI	SW8260	
Chlorobenzene	ND		5.6	0.83	ug/Kg	07/06/14	JLI	SW8260	
Chloroethane	ND		5.6	1.3	ug/Kg	07/06/14	JLI	SW8260	
Chloroform	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	
Chloromethane	ND		5.6	2.9	ug/Kg	07/06/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.6	0.61	ug/Kg	07/06/14	JLI	SW8260	
Dibromochloromethane	ND		5.6	0.63	ug/Kg	07/06/14	JLI	SW8260	
Dibromomethane	ND		5.6	0.71	ug/Kg	07/06/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.6	1.5	ug/Kg	07/06/14	JLI	SW8260	
Ethylbenzene	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Isopropylbenzene	ND		5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
m&p-Xylene	ND		5.6	2.2	ug/Kg	07/06/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		34	4.9	ug/Kg	07/06/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		11	1.6	ug/Kg	07/06/14	JLI	SW8260	
Methylene chloride	1.4	JS	5.6	0.92	ug/Kg	07/06/14	JLI	SW8260	
Naphthalene	ND		5.6	1.5	ug/Kg	07/06/14	JLI	SW8260	
n-Butylbenzene	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	
n-Propylbenzene	ND		5.6	1.0	ug/Kg	07/06/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	5.6	2.1	ug/Kg	07/06/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.6	0.81	ug/Kg	07/06/14	JLI	SW8260	
sec-Butylbenzene	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
Styrene	ND	5.6	1.6	ug/Kg	07/06/14	JLI	SW8260	
tert-Butylbenzene	ND	5.6	0.90	ug/Kg	07/06/14	JLI	SW8260	
Tetrachloroethene	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	11	5.1	ug/Kg	07/06/14	JLI	SW8260	1
Toluene	ND	5.6	0.89	ug/Kg	07/06/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.6	1.1	ug/Kg	07/06/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	07/06/14	JLI	SW8260	
Trichloroethene	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.6	1.2	ug/Kg	07/06/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.6	0.88	ug/Kg	07/06/14	JLI	SW8260	
Vinyl chloride	ND	5.6	1.8	ug/Kg	07/06/14	JLI	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	07/06/14	JLI	70 - 121 %	
% Bromofluorobenzene	108			%	07/06/14	JLI	59 - 113 %	
% Dibromofluoromethane	117			%	07/06/14	JLI	70 - 130 %	
% Toluene-d8	122			%	07/06/14	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	07/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND	260	93	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	260	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	150	ug/Kg	07/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
2-Chloronaphthalene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Chlorophenol	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylnaphthalene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	07/04/14	DD	SW 8270	
2-Nitroaniline	ND	1900	380	ug/Kg	07/04/14	DD	SW 8270	
2-Nitrophenol	ND	260	240	ug/Kg	07/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	07/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	750	180	ug/Kg	07/04/14	DD	SW 8270	
3-Nitroaniline	ND	1900	810	ug/Kg	07/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	07/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
4-Chloroaniline	ND	750	170	ug/Kg	07/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	07/04/14	DD	SW 8270	

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B3 0-2

Phoenix I.D.: BG69290

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND		1900	170	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthylene	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Acetophenone	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Aniline	ND		1900	760	ug/Kg	07/04/14	DD	SW 8270	
Anthracene	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Benz(a)anthracene	240	J	260	130	ug/Kg	07/04/14	DD	SW 8270	
Benzidine	ND		750	220	ug/Kg	07/04/14	DD	SW 8270	
Benzo(a)pyrene	190	J	260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(b)fluoranthene	240	J	260	130	ug/Kg	07/04/14	DD	SW 8270	
Benzo(ghi)perylene	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(k)fluoranthene	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzoic acid	ND		1900	750	ug/Kg	07/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND		260	97	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Carbazole	ND		1900	280	ug/Kg	07/04/14	DD	SW 8270	
Chrysene	240	J	260	130	ug/Kg	07/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Dibenzofuran	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Diethyl phthalate	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Dimethylphthalate	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Di-n-butylphthalate	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Di-n-octylphthalate	ND		260	97	ug/Kg	07/04/14	DD	SW 8270	
Fluoranthene	500		260	120	ug/Kg	07/04/14	DD	SW 8270	
Fluorene	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobenzene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobutadiene	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Hexachloroethane	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Isophorone	ND		260	100	ug/Kg	07/04/14	DD	SW 8270	
Naphthalene	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
Nitrobenzene	ND		260	130	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND		260	110	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Pentachlorophenol	ND		260	140	ug/Kg	07/04/14	DD	SW 8270	
Phenanthrene	390		260	110	ug/Kg	07/04/14	DD	SW 8270	
Phenol	ND		260	120	ug/Kg	07/04/14	DD	SW 8270	
Pyrene	470		260	130	ug/Kg	07/04/14	DD	SW 8270	
Pyridine	ND		260	92	ug/Kg	07/04/14	DD	SW 8270	
QA/QC Surrogates									
% 2,4,6-Tribromophenol	68				%	07/04/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	81				%	07/04/14	DD	30 - 115 %	
% 2-Fluorophenol	72				%	07/04/14	DD	25 - 121 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	67			%	07/04/14	DD	23 - 120 %
% Phenol-d5	77			%	07/04/14	DD	24 - 113 %
% Terphenyl-d14	99			%	07/04/14	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.

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

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.

Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:	SOLID	Collected by:		07/02/14	9:50
Location Code:	EBC	Received by:	SW	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69291

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B3 14-16

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.36		0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Aluminum	6210		36	7.2	mg/Kg	07/08/14	EK	SW6010
Arsenic	4.0		0.7	0.72	mg/Kg	07/08/14	EK	SW6010
Barium	73.2		0.7	0.36	mg/Kg	07/08/14	EK	SW6010
Beryllium	0.50		0.29	0.14	mg/Kg	07/08/14	EK	SW6010
Calcium	1410		3.6	3.3	mg/Kg	07/08/14	EK	SW6010
Cadmium	0.76		0.36	0.14	mg/Kg	07/08/14	EK	SW6010
Cobalt	9.36		0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Chromium	20.1	*	0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Copper	19.5	*	0.36	0.36	mg/kg	07/08/14	EK	SW6010
Iron	34000		36	36	mg/Kg	07/08/14	EK	SW6010
Mercury	< 0.07		0.07	0.05	mg/Kg	07/07/14	RS	SW-7471
Potassium	1350		7	2.8	mg/Kg	07/08/14	EK	SW6010
Magnesium	2690	*	3.6	3.6	mg/Kg	07/08/14	EK	SW6010
Manganese	365		3.6	3.6	mg/Kg	07/08/14	EK	SW6010
Sodium	118	N	7	3.1	mg/Kg	07/08/14	EK	SW6010
Nickel	16.6	*	0.36	0.36	mg/Kg	07/08/14	EK	SW6010
Lead	6.6		0.7	0.36	mg/Kg	07/08/14	EK	SW6010
Antimony	< 1.8		1.8	1.8	mg/Kg	07/08/14	EK	SW6010
Selenium	< 1.4		1.4	1.2	mg/Kg	07/08/14	EK	SW6010
Thallium	< 1.4		1.4	1.4	mg/Kg	07/08/14	EK	SW6010
Vanadium	30.7		0.4	0.36	mg/Kg	07/08/14	EK	SW6010
Zinc	32.1		0.7	0.36	mg/Kg	07/08/14	EK	SW6010
Percent Solid	86				%	07/03/14	I	E160.3
Soil Extraction for PCB	Completed					07/03/14	NB/F	SW3545
Soil Extraction for Pesticide	Completed					07/03/14	NB	SW3545
Soil Extraction for SVOA	Completed					07/03/14	NB/F	SW3545
Mercury Digestion	Completed					07/07/14	I/I	SW7471

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				07/03/14	CB/T	SW846 - 3050
Polychlorinated Biphenyls							
PCB-1016	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1221	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1232	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1242	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1248	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1254	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1260	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1262	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
PCB-1268	ND	38	38	ug/Kg	07/05/14	AW	SW 8082
QA/QC Surrogates							
% DCBP	100			%	07/05/14	AW	30 - 150 %
% TCMX	77			%	07/05/14	AW	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
4,4' -DDE	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
4,4' -DDT	ND	2.7	2.7	ug/Kg	07/05/14	CE	SW8081
a-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
a-Chlordane	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Aldrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
b-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Chlordane	ND	23	23	ug/Kg	07/05/14	CE	SW8081
d-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Dieldrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Endosulfan I	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan II	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endosulfan sulfate	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endrin	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Endrin aldehyde	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Endrin ketone	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
g-BHC	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
g-Chlordane	ND	3.8	3.8	ug/Kg	07/05/14	CE	SW8081
Heptachlor	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Heptachlor epoxide	ND	1.9	1.9	ug/Kg	07/05/14	CE	SW8081
Methoxychlor	ND	7.6	7.6	ug/Kg	07/05/14	CE	SW8081
Toxaphene	ND	190	190	ug/Kg	07/05/14	CE	SW8081
QA/QC Surrogates							
% DCBP	86			%	07/05/14	CE	30 - 150 %
% TCMX	92			%	07/05/14	CE	30 - 150 %
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.8	0.95	ug/Kg	07/06/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.8	1.2	ug/Kg	07/06/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.8	0.83	ug/Kg	07/06/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.8	0.57	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethene	ND	5.8	1.3	ug/Kg	07/06/14	JLI	SW8260

Project ID: 108 FROST ST BROOKLYN NY
Client ID: B3 14-16

Phoenix I.D.: BG69291

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.8	1.1	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND		5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichloropropane	ND		5.8	0.83	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND		5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND		5.8	0.84	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND		5.8	1.6	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromoethane	ND		5.8	1.5	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichlorobenzene	ND		5.8	0.64	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloroethane	ND		5.8	0.51	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloropropane	ND		5.8	0.83	ug/Kg	07/06/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND		5.8	0.77	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichlorobenzene	ND		5.8	0.86	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichloropropane	ND		5.8	0.62	ug/Kg	07/06/14	JLI	SW8260	
1,4-Dichlorobenzene	ND		5.8	0.92	ug/Kg	07/06/14	JLI	SW8260	
2,2-Dichloropropane	ND		5.8	0.98	ug/Kg	07/06/14	JLI	SW8260	
2-Chlorotoluene	ND		5.8	0.93	ug/Kg	07/06/14	JLI	SW8260	
2-Hexanone	ND		29	2.6	ug/Kg	07/06/14	JLI	SW8260	
2-Isopropyltoluene	ND		5.8	0.80	ug/Kg	07/06/14	JLI	SW8260	1
4-Chlorotoluene	ND		5.8	0.67	ug/Kg	07/06/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		29	1.4	ug/Kg	07/06/14	JLI	SW8260	
Acetone	6.3	JS	50	5.8	ug/Kg	07/06/14	JLI	SW8260	
Acrylonitrile	ND		12	3.3	ug/Kg	07/06/14	JLI	SW8260	
Benzene	ND		5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
Bromobenzene	ND		5.8	0.76	ug/Kg	07/06/14	JLI	SW8260	
Bromochloromethane	ND		5.8	0.85	ug/Kg	07/06/14	JLI	SW8260	
Bromodichloromethane	ND		5.8	0.72	ug/Kg	07/06/14	JLI	SW8260	
Bromoform	ND		5.8	0.81	ug/Kg	07/06/14	JLI	SW8260	
Bromomethane	ND		5.8	4.5	ug/Kg	07/06/14	JLI	SW8260	
Carbon Disulfide	ND		5.8	0.94	ug/Kg	07/06/14	JLI	SW8260	
Carbon tetrachloride	ND		5.8	0.67	ug/Kg	07/06/14	JLI	SW8260	
Chlorobenzene	ND		5.8	0.86	ug/Kg	07/06/14	JLI	SW8260	
Chloroethane	ND		5.8	1.4	ug/Kg	07/06/14	JLI	SW8260	
Chloroform	ND		5.8	1.1	ug/Kg	07/06/14	JLI	SW8260	
Chloromethane	ND		5.8	3.0	ug/Kg	07/06/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.8	1.3	ug/Kg	07/06/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.8	0.63	ug/Kg	07/06/14	JLI	SW8260	
Dibromochloromethane	ND		5.8	0.65	ug/Kg	07/06/14	JLI	SW8260	
Dibromomethane	ND		5.8	0.73	ug/Kg	07/06/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.8	1.5	ug/Kg	07/06/14	JLI	SW8260	
Ethylbenzene	ND		5.8	1.1	ug/Kg	07/06/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
Isopropylbenzene	ND		5.8	1.1	ug/Kg	07/06/14	JLI	SW8260	
m&p-Xylene	ND		5.8	2.3	ug/Kg	07/06/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		35	5.0	ug/Kg	07/06/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		12	1.6	ug/Kg	07/06/14	JLI	SW8260	
Methylene chloride	1.7	JS	5.8	0.95	ug/Kg	07/06/14	JLI	SW8260	
Naphthalene	ND		5.8	1.6	ug/Kg	07/06/14	JLI	SW8260	
n-Butylbenzene	ND		5.8	1.1	ug/Kg	07/06/14	JLI	SW8260	
n-Propylbenzene	ND		5.8	1.0	ug/Kg	07/06/14	JLI	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
o-Xylene	ND	5.8	2.2	ug/Kg	07/06/14	JLI	SW8260	
p-Isopropyltoluene	ND	5.8	0.84	ug/Kg	07/06/14	JLI	SW8260	
sec-Butylbenzene	ND	5.8	1.1	ug/Kg	07/06/14	JLI	SW8260	
Styrene	ND	5.8	1.7	ug/Kg	07/06/14	JLI	SW8260	
tert-Butylbenzene	ND	5.8	0.93	ug/Kg	07/06/14	JLI	SW8260	
Tetrachloroethene	ND	5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	12	5.2	ug/Kg	07/06/14	JLI	SW8260	1
Toluene	ND	5.8	0.92	ug/Kg	07/06/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	12	11	ug/Kg	07/06/14	JLI	SW8260	
Trichloroethene	ND	5.8	1.2	ug/Kg	07/06/14	JLI	SW8260	
Trichlorofluoromethane	ND	5.8	1.3	ug/Kg	07/06/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	5.8	0.91	ug/Kg	07/06/14	JLI	SW8260	
Vinyl chloride	ND	5.8	1.9	ug/Kg	07/06/14	JLI	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	07/06/14	JLI	70 - 121 %	
% Bromofluorobenzene	112			%	07/06/14	JLI	59 - 113 %	
% Dibromofluoromethane	118			%	07/06/14	JLI	70 - 130 %	
% Toluene-d8	121			%	07/06/14	JLI	84 - 138 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	260	210	ug/Kg	07/04/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dichlorophenol	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dimethylphenol	ND	260	94	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1900	260	ug/Kg	07/04/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	260	150	ug/Kg	07/04/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
2-Chloronaphthalene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Chlorophenol	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylnaphthalene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	260	180	ug/Kg	07/04/14	DD	SW 8270	
2-Nitroaniline	ND	1900	380	ug/Kg	07/04/14	DD	SW 8270	
2-Nitrophenol	ND	260	240	ug/Kg	07/04/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	07/04/14	DD	SW 8270	1
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	07/04/14	DD	SW 8270	
3-Nitroaniline	ND	1900	820	ug/Kg	07/04/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	07/04/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
4-Chloroaniline	ND	760	180	ug/Kg	07/04/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
4-Nitroaniline	ND	1900	130	ug/Kg	07/04/14	DD	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1900	170	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Acenaphthylene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Acetophenone	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Aniline	ND	1900	760	ug/Kg	07/04/14	DD	SW 8270	
Anthracene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Benz(a)anthracene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
Benzidine	ND	760	220	ug/Kg	07/04/14	DD	SW 8270	
Benzo(a)pyrene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
Benzo(ghi)perylene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
Benzoic acid	ND	1900	760	ug/Kg	07/04/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	260	97	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	07/04/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Carbazole	ND	1900	290	ug/Kg	07/04/14	DD	SW 8270	
Chrysene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Dibenzofuran	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Diethyl phthalate	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Dimethylphthalate	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Di-n-butylphthalate	ND	260	100	ug/Kg	07/04/14	DD	SW 8270	
Di-n-octylphthalate	ND	260	97	ug/Kg	07/04/14	DD	SW 8270	
Fluoranthene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Fluorene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobenzene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorobutadiene	ND	260	140	ug/Kg	07/04/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Hexachloroethane	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
Isophorone	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Naphthalene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Nitrobenzene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	260	150	ug/Kg	07/04/14	DD	SW 8270	
Pentachloronitrobenzene	ND	260	140	ug/Kg	07/04/14	DD	SW 8270	
Pentachlorophenol	ND	260	140	ug/Kg	07/04/14	DD	SW 8270	
Phenanthrene	ND	260	110	ug/Kg	07/04/14	DD	SW 8270	
Phenol	ND	260	120	ug/Kg	07/04/14	DD	SW 8270	
Pyrene	ND	260	130	ug/Kg	07/04/14	DD	SW 8270	
Pyridine	ND	260	93	ug/Kg	07/04/14	DD	SW 8270	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	63			%	07/04/14	DD	19 - 122 %	
% 2-Fluorobiphenyl	84			%	07/04/14	DD	30 - 115 %	
% 2-Fluorophenol	80			%	07/04/14	DD	25 - 121 %	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	62			%	07/04/14	DD	23 - 120 %
% Phenol-d5	78			%	07/04/14	DD	24 - 113 %
% Terphenyl-d14	112			%	07/04/14	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.

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

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.
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Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:	SOIL	Collected by:		07/02/14	0:00
Location Code:	EBC	Received by:	LB	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69533

Project ID: 108 FOREST ST., BROOKLY, NY
Client ID: TB-HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Percent Solid	100	1		%	07/02/14		E160.3	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	250	41	ug/Kg	07/06/14	JLI	SW8260	
1,1,1-Trichloroethane	ND	250	50	ug/Kg	07/06/14	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	250	36	ug/Kg	07/06/14	JLI	SW8260	
1,1,2-Trichloroethane	ND	250	25	ug/Kg	07/06/14	JLI	SW8260	
1,1-Dichloroethane	ND	250	50	ug/Kg	07/06/14	JLI	SW8260	
1,1-Dichloroethene	ND	250	55	ug/Kg	07/06/14	JLI	SW8260	
1,1-Dichloropropene	ND	250	49	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	07/06/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	250	36	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	07/06/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	250	36	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	250	67	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dibromoethane	ND	250	67	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	250	28	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloroethane	ND	250	22	ug/Kg	07/06/14	JLI	SW8260	
1,2-Dichloropropane	ND	250	36	ug/Kg	07/06/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	250	33	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	250	37	ug/Kg	07/06/14	JLI	SW8260	
1,3-Dichloropropane	ND	250	27	ug/Kg	07/06/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	250	40	ug/Kg	07/06/14	JLI	SW8260	
2,2-Dichloropropane	ND	250	42	ug/Kg	07/06/14	JLI	SW8260	
2-Chlorotoluene	ND	250	40	ug/Kg	07/06/14	JLI	SW8260	
2-Hexanone	ND	1300	110	ug/Kg	07/06/14	JLI	SW8260	
2-Isopropyltoluene	ND	250	35	ug/Kg	07/06/14	JLI	SW8260	1
4-Chlorotoluene	ND	250	29	ug/Kg	07/06/14	JLI	SW8260	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND		1300	60	ug/Kg	07/06/14	JLI	SW8260	
Acetone	ND		2500	250	ug/Kg	07/06/14	JLI	SW8260	
Acrylonitrile	ND		500	140	ug/Kg	07/06/14	JLI	SW8260	
Benzene	ND		250	50	ug/Kg	07/06/14	JLI	SW8260	
Bromobenzene	ND		250	33	ug/Kg	07/06/14	JLI	SW8260	
Bromochloromethane	ND		250	37	ug/Kg	07/06/14	JLI	SW8260	
Bromodichloromethane	ND		250	31	ug/Kg	07/06/14	JLI	SW8260	
Bromoform	ND		250	35	ug/Kg	07/06/14	JLI	SW8260	
Bromomethane	ND		250	190	ug/Kg	07/06/14	JLI	SW8260	
Carbon Disulfide	ND		250	41	ug/Kg	07/06/14	JLI	SW8260	
Carbon tetrachloride	ND		250	29	ug/Kg	07/06/14	JLI	SW8260	
Chlorobenzene	ND		250	37	ug/Kg	07/06/14	JLI	SW8260	
Chloroethane	ND		250	59	ug/Kg	07/06/14	JLI	SW8260	
Chloroform	ND		250	46	ug/Kg	07/06/14	JLI	SW8260	
Chloromethane	ND		250	130	ug/Kg	07/06/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		250	55	ug/Kg	07/06/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		250	27	ug/Kg	07/06/14	JLI	SW8260	
Dibromochloromethane	ND		250	28	ug/Kg	07/06/14	JLI	SW8260	
Dibromomethane	ND		250	32	ug/Kg	07/06/14	JLI	SW8260	
Dichlorodifluoromethane	ND		250	67	ug/Kg	07/06/14	JLI	SW8260	
Ethylbenzene	ND		250	46	ug/Kg	07/06/14	JLI	SW8260	
Hexachlorobutadiene	ND		250	53	ug/Kg	07/06/14	JLI	SW8260	
Isopropylbenzene	ND		250	48	ug/Kg	07/06/14	JLI	SW8260	
m&p-Xylene	ND		250	99	ug/Kg	07/06/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		1500	220	ug/Kg	07/06/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		500	69	ug/Kg	07/06/14	JLI	SW8260	
Methylene chloride	120	JS	250	41	ug/Kg	07/06/14	JLI	SW8260	
Naphthalene	ND		250	67	ug/Kg	07/06/14	JLI	SW8260	
n-Butylbenzene	ND		250	46	ug/Kg	07/06/14	JLI	SW8260	
n-Propylbenzene	ND		250	45	ug/Kg	07/06/14	JLI	SW8260	
o-Xylene	ND		250	96	ug/Kg	07/06/14	JLI	SW8260	
p-Isopropyltoluene	ND		250	36	ug/Kg	07/06/14	JLI	SW8260	
sec-Butylbenzene	ND		250	47	ug/Kg	07/06/14	JLI	SW8260	
Styrene	ND		250	72	ug/Kg	07/06/14	JLI	SW8260	
tert-Butylbenzene	ND		250	40	ug/Kg	07/06/14	JLI	SW8260	
Tetrachloroethene	ND		250	53	ug/Kg	07/06/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND		500	230	ug/Kg	07/06/14	JLI	SW8260	1
Toluene	ND		250	40	ug/Kg	07/06/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND		250	50	ug/Kg	07/06/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND		250	51	ug/Kg	07/06/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		500	460	ug/Kg	07/06/14	JLI	SW8260	
Trichloroethene	ND		250	53	ug/Kg	07/06/14	JLI	SW8260	
Trichlorofluoromethane	ND		250	56	ug/Kg	07/06/14	JLI	SW8260	
Trichlorotrifluoroethane	ND		250	39	ug/Kg	07/06/14	JLI	SW8260	
Vinyl chloride	ND		250	81	ug/Kg	07/06/14	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98				%	07/06/14	JLI	70 - 121 %	
% Bromofluorobenzene	111				%	07/06/14	JLI	59 - 113 %	
% Dibromofluoromethane	115				%	07/06/14	JLI	70 - 130 %	

Project ID: 108 FOREST ST., BROOKLY, NY
Client ID: TB-HIGH

Phoenix I.D.: BG69533

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	117			%	07/06/14	JLI	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 100% SOLID ASSUMED

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.
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Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:	SOIL	Collected by:		07/02/14	0:00
Location Code:	EBC	Received by:	LB	07/03/14	14:53
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG69286
Phoenix ID: BG69534

Project ID: 108 FOREST ST., BROOKLY, NY
Client ID: TB-LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Percent Solid	100	1		%	07/02/14		E160.3
Field Extraction	Completed				07/02/14		SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	0.82	ug/Kg	07/06/14	JLI	SW8260
1,1,1-Trichloroethane	ND	5.0	1.0	ug/Kg	07/06/14	JLI	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	0.71	ug/Kg	07/06/14	JLI	SW8260
1,1,2-Trichloroethane	ND	5.0	0.49	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethane	ND	5.0	0.99	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloroethene	ND	5.0	1.1	ug/Kg	07/06/14	JLI	SW8260
1,1-Dichloropropene	ND	5.0	0.97	ug/Kg	07/06/14	JLI	SW8260
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	07/06/14	JLI	SW8260
1,2,3-Trichloropropane	ND	5.0	0.71	ug/Kg	07/06/14	JLI	SW8260
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	07/06/14	JLI	SW8260
1,2,4-Trimethylbenzene	ND	5.0	0.72	ug/Kg	07/06/14	JLI	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	1.3	ug/Kg	07/06/14	JLI	SW8260
1,2-Dibromoethane	ND	5.0	1.3	ug/Kg	07/06/14	JLI	SW8260
1,2-Dichlorobenzene	ND	5.0	0.55	ug/Kg	07/06/14	JLI	SW8260
1,2-Dichloroethane	ND	5.0	0.44	ug/Kg	07/06/14	JLI	SW8260
1,2-Dichloropropane	ND	5.0	0.71	ug/Kg	07/06/14	JLI	SW8260
1,3,5-Trimethylbenzene	ND	5.0	0.66	ug/Kg	07/06/14	JLI	SW8260
1,3-Dichlorobenzene	ND	5.0	0.74	ug/Kg	07/06/14	JLI	SW8260
1,3-Dichloropropane	ND	5.0	0.53	ug/Kg	07/06/14	JLI	SW8260
1,4-Dichlorobenzene	ND	5.0	0.79	ug/Kg	07/06/14	JLI	SW8260
2,2-Dichloropropane	ND	5.0	0.84	ug/Kg	07/06/14	JLI	SW8260
2-Chlorotoluene	ND	5.0	0.80	ug/Kg	07/06/14	JLI	SW8260
2-Hexanone	ND	25	2.3	ug/Kg	07/06/14	JLI	SW8260
2-Isopropyltoluene	ND	5.0	0.69	ug/Kg	07/06/14	JLI	SW8260

Project ID: 108 FOREST ST., BROOKLY, NY
Client ID: TB-LOW

Phoenix I.D.: BG69534

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
4-Chlorotoluene	ND		5.0	0.58	ug/Kg	07/06/14	JLI	SW8260	
4-Methyl-2-pentanone	ND		25	1.2	ug/Kg	07/06/14	JLI	SW8260	
Acetone	12	JS	50	5.0	ug/Kg	07/06/14	JLI	SW8260	
Acrylonitrile	ND		10	2.8	ug/Kg	07/06/14	JLI	SW8260	
Benzene	ND		5.0	0.99	ug/Kg	07/06/14	JLI	SW8260	
Bromobenzene	ND		5.0	0.65	ug/Kg	07/06/14	JLI	SW8260	
Bromochloromethane	ND		5.0	0.73	ug/Kg	07/06/14	JLI	SW8260	
Bromodichloromethane	ND		5.0	0.62	ug/Kg	07/06/14	JLI	SW8260	
Bromoform	ND		5.0	0.70	ug/Kg	07/06/14	JLI	SW8260	
Bromomethane	ND		5.0	3.9	ug/Kg	07/06/14	JLI	SW8260	
Carbon Disulfide	ND		5.0	0.81	ug/Kg	07/06/14	JLI	SW8260	
Carbon tetrachloride	ND		5.0	0.58	ug/Kg	07/06/14	JLI	SW8260	
Chlorobenzene	ND		5.0	0.74	ug/Kg	07/06/14	JLI	SW8260	
Chloroethane	ND		5.0	1.2	ug/Kg	07/06/14	JLI	SW8260	
Chloroform	ND		5.0	0.91	ug/Kg	07/06/14	JLI	SW8260	
Chloromethane	ND		5.0	2.6	ug/Kg	07/06/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND		5.0	1.1	ug/Kg	07/06/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND		5.0	0.54	ug/Kg	07/06/14	JLI	SW8260	
Dibromochloromethane	ND		5.0	0.56	ug/Kg	07/06/14	JLI	SW8260	
Dibromomethane	ND		5.0	0.63	ug/Kg	07/06/14	JLI	SW8260	
Dichlorodifluoromethane	ND		5.0	1.3	ug/Kg	07/06/14	JLI	SW8260	
Ethylbenzene	ND		5.0	0.91	ug/Kg	07/06/14	JLI	SW8260	
Hexachlorobutadiene	ND		5.0	1.1	ug/Kg	07/06/14	JLI	SW8260	
Isopropylbenzene	ND		5.0	0.96	ug/Kg	07/06/14	JLI	SW8260	
m&p-Xylene	ND		5.0	2.0	ug/Kg	07/06/14	JLI	SW8260	
Methyl Ethyl Ketone	ND		30	4.3	ug/Kg	07/06/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND		10	1.4	ug/Kg	07/06/14	JLI	SW8260	
Methylene chloride	1.3	JS	5.0	0.82	ug/Kg	07/06/14	JLI	SW8260	
Naphthalene	ND		5.0	1.3	ug/Kg	07/06/14	JLI	SW8260	
n-Butylbenzene	ND		5.0	0.91	ug/Kg	07/06/14	JLI	SW8260	
n-Propylbenzene	ND		5.0	0.90	ug/Kg	07/06/14	JLI	SW8260	
o-Xylene	ND		5.0	1.9	ug/Kg	07/06/14	JLI	SW8260	
p-Isopropyltoluene	ND		5.0	0.72	ug/Kg	07/06/14	JLI	SW8260	
sec-Butylbenzene	ND		5.0	0.94	ug/Kg	07/06/14	JLI	SW8260	
Styrene	ND		5.0	1.4	ug/Kg	07/06/14	JLI	SW8260	
tert-Butylbenzene	ND		5.0	0.80	ug/Kg	07/06/14	JLI	SW8260	
Tetrachloroethene	ND		5.0	1.1	ug/Kg	07/06/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND		10	4.5	ug/Kg	07/06/14	JLI	SW8260	1
Toluene	ND		5.0	0.79	ug/Kg	07/06/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND		5.0	1.0	ug/Kg	07/06/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND		5.0	1.0	ug/Kg	07/06/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND		10	9.3	ug/Kg	07/06/14	JLI	SW8260	
Trichloroethene	ND		5.0	1.1	ug/Kg	07/06/14	JLI	SW8260	
Trichlorofluoromethane	ND		5.0	1.1	ug/Kg	07/06/14	JLI	SW8260	
Trichlorotrifluoroethane	ND		5.0	0.78	ug/Kg	07/06/14	JLI	SW8260	
Vinyl chloride	ND		5.0	1.6	ug/Kg	07/06/14	JLI	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	97				%	07/06/14	JLI	70 - 121 %	
% Bromofluorobenzene	115				%	07/06/14	JLI	59 - 113 %	3

Project ID: 108 FOREST ST., BROOKLY, NY
Client ID: TB-LOW

Phoenix I.D.: BG69534

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Dibromofluoromethane	121			%	07/06/14	JLI	70 - 130 %
% Toluene-d8	118			%	07/06/14	JLI	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.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

TRIP BLANK INCLUDED 100% SOLID ASSUMED

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

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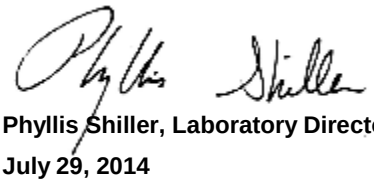

Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 29, 2014

QA/QC Data

SDG I.D.: GBG69286

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 278879, QC Sample No: BG69251 (BG69286, BG69287, BG69288, BG69289, BG69290, BG69291)													
ICP Metals - Soil													
Aluminum	BRL	8050	8740	8.20	87.0	87.0	0.0	NC	NC	NC	80 - 120	30	
Antimony	BRL	<1.7	<3.8	NC	101	96.8	4.2	82.7	84.3	1.9	80 - 120	30	
Arsenic	BRL	1.5	1.83	NC	98.3	99.9	1.6	93.6	92.3	1.4	80 - 120	30	
Barium	BRL	35.4	38.0	7.10	91.9	95.7	4.1	103	107	3.8	80 - 120	30	
Beryllium	BRL	0.28	0.29	NC	98.6	101	2.4	97.0	96.2	0.8	80 - 120	30	
Cadmium	BRL	0.17	0.19	NC	97.8	99.5	1.7	92.4	91.6	0.9	80 - 120	30	
Calcium	BRL	29300	31300	6.60	97.8	97.1	0.7	NC	NC	NC	80 - 120	30	
Chromium	BRL	14.6	25.2	53.3	99.7	103	3.3	99.7	98.8	0.9	80 - 120	30	r
Cobalt	BRL	9.43	11.2	17.2	99.8	101	1.2	95.3	96.8	1.6	80 - 120	30	
Copper	BRL	16.8	23.1	31.6	93.8	94.5	0.7	103	128	21.6	80 - 120	30	m,r
Iron	BRL	13300	15300	14.0	101	101	0.0	NC	NC	NC	80 - 120	30	
Lead	BRL	12.1	12.2	0.80	101	102	1.0	95.7	107	11.1	80 - 120	30	
Magnesium	BRL	4500	6590	37.7	100	101	1.0	NC	NC	NC	80 - 120	30	r
Manganese	BRL	259	283	8.90	97.0	98.9	1.9	114	99.1	14.0	80 - 120	30	
Nickel	BRL	27.0	37.7	33.1	99.1	101	1.9	96.2	96.3	0.1	80 - 120	30	r
Potassium	BRL	2680	2750	2.60	91.9	89.8	2.3	109	128	16.0	80 - 120	30	m
Selenium	BRL	<1.4	<1.5	NC	105	108	2.8	82.9	82.0	1.1	80 - 120	30	
Silver	BRL	0.80	0.81	NC	97.0	101	4.0	98.4	100	1.6	80 - 120	30	
Sodium	BRL	383	436	12.9	94.0	93.3	0.7	>130	>130	NC	80 - 120	30	m
Thallium	BRL	<1.4	<3.4	NC	99.1	101	1.9	94.4	93.8	0.6	80 - 120	30	
Vanadium	BRL	19.7	22.3	12.4	97.5	99.2	1.7	98.6	96.6	2.0	80 - 120	30	
Zinc	BRL	44.2	48.1	8.50	95.2	97.1	2.0	99.7	>130	NC	80 - 120	30	m
QA/QC Batch 278952, QC Sample No: BG69251 (BG69286, BG69287, BG69288, BG69289, BG69290, BG69291)													
Mercury - Soil	BRL	<0.06	<0.08	NC	109	87.3	22.1	110	108	1.8	75 - 125	30	

m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 29, 2014

QA/QC Data

SDG I.D.: GBG69286

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 279206, QC Sample No: BG69259 (BG69288 (50X) , BG69289)										
Volatiles - Solid										
1,1,1,2-Tetrachloroethane	ND	108	113	4.5	98	98	0.0	70 - 130	30	
1,1,1-Trichloroethane	ND	99	105	5.9	90	92	2.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	105	109	3.7	91	92	1.1	70 - 130	30	
1,1,2-Trichloroethane	ND	100	105	4.9	92	93	1.1	70 - 130	30	
1,1-Dichloroethane	ND	98	103	5.0	91	92	1.1	70 - 130	30	
1,1-Dichloroethene	ND	93	102	9.2	70	70	0.0	70 - 130	30	
1,1-Dichloropropene	ND	103	106	2.9	99	99	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	93	96	3.2	94	95	1.1	70 - 130	30	
1,2,3-Trichloropropane	ND	100	107	6.8	90	91	1.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	88	91	3.4	94	94	0.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	94	97	3.1	99	99	0.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	107	111	3.7	88	93	5.5	70 - 130	30	
1,2-Dibromoethane	ND	102	109	6.6	94	94	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	97	101	4.0	97	96	1.0	70 - 130	30	
1,2-Dichloroethane	ND	100	105	4.9	93	94	1.1	70 - 130	30	
1,2-Dichloropropane	ND	98	104	5.9	93	94	1.1	70 - 130	30	
1,3,5-Trimethylbenzene	ND	99	103	4.0	100	100	0.0	70 - 130	30	
1,3-Dichlorobenzene	ND	95	98	3.1	98	97	1.0	70 - 130	30	
1,3-Dichloropropane	ND	103	106	2.9	94	95	1.1	70 - 130	30	
1,4-Dichlorobenzene	ND	93	96	3.2	97	96	1.0	70 - 130	30	
2,2-Dichloropropane	ND	97	102	5.0	88	91	3.4	70 - 130	30	
2-Chlorotoluene	ND	99	101	2.0	98	97	1.0	70 - 130	30	
2-Hexanone	ND	86	89	3.4	69	77	11.0	70 - 130	30	m
2-Isopropyltoluene	ND	100	102	2.0	101	100	1.0	70 - 130	30	
4-Chlorotoluene	ND	94	98	4.2	98	97	1.0	70 - 130	30	
4-Methyl-2-pentanone	ND	94	98	4.2	80	83	3.7	70 - 130	30	
Acetone	6.2 JBS	66	75	12.8	50	60	18.2	70 - 130	30	l,m
Acrylonitrile	ND	90	96	6.5	81	83	2.4	70 - 130	30	
Benzene	ND	103	107	3.8	96	96	0.0	70 - 130	30	
Bromobenzene	ND	101	105	3.9	98	97	1.0	70 - 130	30	
Bromochloromethane	ND	102	108	5.7	93	94	1.1	70 - 130	30	
Bromodichloromethane	ND	106	112	5.5	93	95	2.1	70 - 130	30	
Bromoform	ND	110	118	7.0	89	92	3.3	70 - 130	30	
Bromomethane	ND	94	104	10.1	48	48	0.0	70 - 130	30	m
Carbon Disulfide	ND	100	108	7.7	68	68	0.0	70 - 130	30	m
Carbon tetrachloride	ND	105	110	4.7	92	93	1.1	70 - 130	30	
Chlorobenzene	ND	100	104	3.9	97	97	0.0	70 - 130	30	
Chloroethane	ND	93	101	8.2	24	23	4.3	70 - 130	30	m
Chloroform	ND	100	105	4.9	92	93	1.1	70 - 130	30	
Chloromethane	ND	97	103	6.0	74	75	1.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	101	105	3.9	92	93	1.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBG69286

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	105	110	4.7	94	95	1.1	70 - 130	30	
Dibromochloromethane	ND	109	117	7.1	92	94	2.2	70 - 130	30	
Dibromomethane	ND	101	105	3.9	92	92	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	112	118	5.2	72	73	1.4	70 - 130	30	
Ethylbenzene	ND	103	107	3.8	98	99	1.0	70 - 130	30	
Hexachlorobutadiene	ND	102	102	0.0	104	102	1.9	70 - 130	30	
Isopropylbenzene	ND	100	103	3.0	100	99	1.0	70 - 130	30	
m&p-Xylene	ND	100	103	3.0	100	100	0.0	70 - 130	30	
Methyl ethyl ketone	ND	82	83	1.2	65	74	12.9	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	94	101	7.2	90	86	4.5	70 - 130	30	
Methylene chloride	1.2 JBS	86	94	8.9	97	99	2.0	70 - 130	30	
Naphthalene	ND	100	105	4.9	98	102	4.0	70 - 130	30	
n-Butylbenzene	ND	90	94	4.3	101	100	1.0	70 - 130	30	
n-Propylbenzene	ND	92	95	3.2	101	100	1.0	70 - 130	30	
o-Xylene	ND	102	106	3.8	99	99	0.0	70 - 130	30	
p-Isopropyltoluene	ND	98	100	2.0	102	101	1.0	70 - 130	30	
sec-Butylbenzene	ND	102	105	2.9	101	101	0.0	70 - 130	30	
Styrene	ND	103	108	4.7	100	100	0.0	70 - 130	30	
tert-Butylbenzene	ND	102	104	1.9	101	100	1.0	70 - 130	30	
Tetrachloroethene	ND	101	105	3.9	104	103	1.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	86	90	4.5	77	81	5.1	70 - 130	30	
Toluene	ND	102	106	3.8	99	99	0.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	93	101	8.2	83	86	3.6	70 - 130	30	
trans-1,3-Dichloropropene	ND	107	113	5.5	94	95	1.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	102	107	4.8	88	92	4.4	70 - 130	30	
Trichloroethene	ND	105	109	3.7	97	97	0.0	70 - 130	30	
Trichlorofluoromethane	ND	89	100	11.6	24	23	4.3	70 - 130	30	m
Trichlorotrifluoroethane	ND	92	97	5.3	77	75	2.6	70 - 130	30	
Vinyl chloride	ND	100	106	5.8	76	78	2.6	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	100	100	0.0	101	100	1.0	70 - 121	30	
% Bromofluorobenzene	97	99	100	1.0	100	101	1.0	59 - 113	30	
% Dibromofluoromethane	100	101	102	1.0	94	96	2.1	70 - 130	30	
% Toluene-d8	101	98	99	1.0	100	99	1.0	84 - 138	30	

QA/QC Batch 278884, QC Sample No: BG69290 (BG69286, BG69287, BG69288, BG69289, BG69290, BG69291)

Pesticides - Solid

4,4' -DDD	ND	103	111	7.5	110	105	4.7	30 - 150	30	
4,4' -DDE	ND	96	104	8.0	98	97	1.0	50 - 150	30	
4,4' -DDT	ND	94	102	8.2	96	99	3.1	30 - 150	50	
a-BHC	ND	89	94	5.5	88	90	2.2	30 - 150	30	
a-Chlordane	ND	86	95	9.9	93	86	7.8	30 - 150	30	
Aldrin	ND	84	90	6.9	85	81	4.8	30 - 150	43	
b-BHC	ND	89	95	6.5	86	89	3.4	30 - 150	30	
Chlordane	ND	88	97	9.7	98	90	8.5	30 - 150	30	
d-BHC	ND	85	91	6.8	84	82	2.4	30 - 150	30	
Dieldrin	ND	92	98	6.3	90	90	0.0	30 - 130	38	
Endosulfan I	ND	90	97	7.5	97	91	6.4	30 - 150	30	
Endosulfan II	ND	81	86	6.0	91	90	1.1	30 - 150	30	
Endosulfan sulfate	ND	80	77	3.8	74	67	9.9	50 - 120	30	
Endrin	ND	96	103	7.0	99	96	3.1	50 - 120	45	
Endrin aldehyde	ND	81	75	7.7	82	88	7.1	30 - 150	30	
Endrin ketone	ND	92	93	1.1	87	105	18.8	30 - 150	30	
g-BHC	ND	84	90	6.9	85	84	1.2	50 - 120	50	

QA/QC Data

SDG I.D.: GBG69286

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
g-Chlordane	ND	88	97	9.7	98	90	8.5	30 - 130	30	
Heptachlor	ND	88	95	7.7	89	88	1.1	30 - 150	31	
Heptachlor epoxide	ND	89	97	8.6	88	87	1.1	50 - 150	30	
Methoxychlor	ND	100	106	5.8	120	102	16.2	30 - 150	30	
Toxaphene	ND	NA	NA	NC	NA	NA	NC	30 - 150	30	
% DCBP	112	105	112	6.5	107	104	2.8	30 - 150	30	
% TCMX	102	97	102	5.0	94	95	1.1	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 278881, QC Sample No: BG69290 (BG69286, BG69287, BG69288, BG69289, BG69290, BG69291)

Polychlorinated Biphenyls - Solid

PCB-1016	ND	95	97	2.1	99	101	2.0	30 - 120	15	
PCB-1221	ND							30 - 150	30	
PCB-1232	ND							30 - 150	30	
PCB-1242	ND							30 - 150	30	
PCB-1248	ND							30 - 150	30	
PCB-1254	ND							30 - 150	30	
PCB-1260	ND	102	102	0.0	104	106	1.9	30 - 150	20	
PCB-1262	ND							30 - 150	30	
PCB-1268	ND							30 - 150	30	
% DCBP (Surrogate Rec)	91	134	135	0.7	136	140	2.9	30 - 150	20	
% TCMX (Surrogate Rec)	75	111	113	1.8	112	116	3.5	30 - 150	20	

QA/QC Batch 278885, QC Sample No: BG69290 (BG69286, BG69287, BG69288, BG69289, BG69290, BG69291)

Semivolatiles - Solid

1,2,4,5-Tetrachlorobenzene	ND	106	90	16.3	87	83	4.7	30 - 130	30	
1,2,4-Trichlorobenzene	ND	101	90	11.5	82	93	12.6	30 - 130	30	
1,2-Dichlorobenzene	ND	80	82	2.5	74	82	10.3	30 - 130	30	
1,2-Diphenylhydrazine	ND	94	93	1.1	84	90	6.9	30 - 130	30	
1,3-Dichlorobenzene	ND	79	82	3.7	73	82	11.6	30 - 130	30	
1,4-Dichlorobenzene	ND	78	80	2.5	72	80	10.5	30 - 130	30	
2,4,5-Trichlorophenol	ND	99	94	5.2	93	101	8.2	30 - 130	30	
2,4,6-Trichlorophenol	ND	86	84	2.4	88	96	8.7	30 - 130	30	
2,4-Dichlorophenol	ND	101	93	8.2	85	90	5.7	30 - 130	30	
2,4-Dimethylphenol	ND	64	59	8.1	53	55	3.7	30 - 130	30	
2,4-Dinitrophenol	ND	<10	<10	NC	<10	<10	NC	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	100	98	2.0	90	95	5.4	30 - 130	30	m
2,6-Dinitrotoluene	ND	94	92	2.2	89	96	7.6	30 - 130	30	
2-Chloronaphthalene	ND	99	100	1.0	89	96	7.6	30 - 130	30	
2-Chlorophenol	ND	84	85	1.2	78	85	8.6	30 - 130	30	
2-Methylnaphthalene	ND	96	83	14.5	81	81	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	82	79	3.7	71	76	6.8	30 - 130	30	
2-Nitroaniline	ND	141	127	10.4	121	117	3.4	30 - 130	30	l
2-Nitrophenol	ND	81	68	17.4	74	77	4.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	86	82	4.8	74	78	5.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	123	128	4.0	97	100	3.0	30 - 130	30	
3-Nitroaniline	ND	153	150	2.0	120	132	9.5	30 - 130	30	l,m
4,6-Dinitro-2-methylphenol	ND	27	14	63.4	103	76	30.2	30 - 130	30	l,r
4-Bromophenyl phenyl ether	ND	97	100	3.0	88	89	1.1	30 - 130	30	
4-Chloro-3-methylphenol	ND	101	87	14.9	84	80	4.9	30 - 130	30	
4-Chloroaniline	ND	108	96	11.8	64	74	14.5	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	109	99	9.6	92	96	4.3	30 - 130	30	

QA/QC Data

SDG I.D.: GBG69286

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Nitroaniline	ND	101	98	3.0	90	97	7.5	30 - 130	30	
4-Nitrophenol	ND	90	77	15.6	77	74	4.0	30 - 130	30	
Acenaphthene	ND	88	90	2.2	82	90	9.3	30 - 130	30	
Acenaphthylene	ND	90	91	1.1	85	93	9.0	30 - 130	30	
Acetophenone	ND	89	84	5.8	78	83	6.2	30 - 130	30	
Aniline	ND	88	85	3.5	68	75	9.8	30 - 130	30	
Anthracene	ND	94	97	3.1	84	99	16.4	30 - 130	30	
Benz(a)anthracene	ND	94	95	1.1	86	100	15.1	30 - 130	30	
Benzidine	ND	>200	>200	NC	98	125	24.2	30 - 130	30	l
Benzo(a)pyrene	ND	96	99	3.1	86	98	13.0	30 - 130	30	
Benzo(b)fluoranthene	ND	93	98	5.2	86	96	11.0	30 - 130	30	
Benzo(ghi)perylene	ND	87	90	3.4	86	93	7.8	30 - 130	30	
Benzo(k)fluoranthene	ND	89	98	9.6	82	96	15.7	30 - 130	30	
Benzyl butyl phthalate	ND	88	85	3.5	77	91	16.7	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	90	82	9.3	77	80	3.8	30 - 130	30	
Bis(2-chloroethyl)ether	ND	74	73	1.4	67	74	9.9	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	77	72	6.7	66	73	10.1	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	90	93	3.3	83	96	14.5	30 - 130	30	
Carbazole	ND	174	172	1.2	158	179	12.5	30 - 130	30	l,m
Chrysene	ND	97	98	1.0	86	97	12.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	89	97	8.6	89	95	6.5	30 - 130	30	
Dibenzofuran	ND	97	97	0.0	88	97	9.7	30 - 130	30	
Diethyl phthalate	ND	93	92	1.1	79	90	13.0	30 - 130	30	
Dimethylphthalate	ND	90	88	2.2	83	90	8.1	30 - 130	30	
Di-n-butylphthalate	ND	87	98	11.9	84	98	15.4	30 - 130	30	
Di-n-octylphthalate	ND	86	94	8.9	84	85	1.2	30 - 130	30	
Fluoranthene	ND	93	95	2.1	88	117	28.3	30 - 130	30	
Fluorene	ND	104	98	5.9	92	94	2.2	30 - 130	30	
Hexachlorobenzene	ND	84	92	9.1	80	88	9.5	30 - 130	30	
Hexachlorobutadiene	ND	92	84	9.1	76	81	6.4	30 - 130	30	
Hexachlorocyclopentadiene	ND	83	65	24.3	64	54	16.9	30 - 130	30	
Hexachloroethane	ND	80	78	2.5	70	78	10.8	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	88	95	7.7	86	96	11.0	30 - 130	30	
Isophorone	ND	94	83	12.4	79	82	3.7	30 - 130	30	
Naphthalene	ND	90	85	5.7	79	85	7.3	30 - 130	30	
Nitrobenzene	ND	82	78	5.0	73	77	5.3	30 - 130	30	
N-Nitrosodimethylamine	ND	68	68	0.0	59	68	14.2	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	86	76	12.3	72	76	5.4	30 - 130	30	
N-Nitrosodiphenylamine	ND	124	113	9.3	106	102	3.8	30 - 130	30	
Pentachloronitrobenzene	ND	87	95	8.8	84	91	8.0	30 - 130	30	
Pentachlorophenol	ND	26	20	26.1	69	62	10.7	30 - 130	30	l
Phenanthrene	ND	93	96	3.2	84	104	21.3	30 - 130	30	
Phenol	ND	83	80	3.7	75	80	6.5	30 - 130	30	
Pyrene	ND	96	99	3.1	91	124	30.7	30 - 130	30	r
Pyridine	ND	57	58	1.7	48	54	11.8	30 - 130	30	
% 2,4,6-Tribromophenol	78	74	75	1.3	75	84	11.3	19 - 122	30	
% 2-Fluorobiphenyl	75	89	89	0.0	81	92	12.7	30 - 115	30	
% 2-Fluorophenol	72	77	75	2.6	69	77	11.0	25 - 121	30	
% Nitrobenzene-d5	72	79	75	5.2	70	76	8.2	23 - 120	30	
% Phenol-d5	77	83	80	3.7	74	80	7.8	24 - 113	30	
% Terphenyl-d14	89	101	107	5.8	95	122	24.9	18 - 137	30	

QA/QC Data

SDG I.D.: GBG69286

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 279009, QC Sample No: BG69291 (BG69286, BG69287, BG69288, BG69290, BG69291, BG69533 (50X) , BG69534)										
Volatiles - Solid, Soil										
1,1,1,2-Tetrachloroethane	ND	115	115	0.0	109	111	1.8	70 - 130	30	
1,1,1-Trichloroethane	ND	107	107	0.0	106	106	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	113	115	1.8	107	104	2.8	70 - 130	30	
1,1,2-Trichloroethane	ND	101	103	2.0	98	99	1.0	70 - 130	30	
1,1-Dichloroethane	ND	83	92	10.3	85	84	1.2	70 - 130	30	
1,1-Dichloroethene	ND	95	95	0.0	93	94	1.1	70 - 130	30	
1,1-Dichloropropene	ND	108	110	1.8	107	110	2.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	112	112	0.0	94	95	1.1	70 - 130	30	
1,2,3-Trichloropropane	ND	104	107	2.8	104	100	3.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	115	114	0.9	95	97	2.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	106	107	0.9	111	111	0.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	113	116	2.6	105	101	3.9	70 - 130	30	
1,2-Dibromoethane	ND	104	107	2.8	100	100	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	109	111	1.8	105	106	0.9	70 - 130	30	
1,2-Dichloroethane	ND	101	102	1.0	99	99	0.0	70 - 130	30	
1,2-Dichloropropane	ND	103	104	1.0	103	104	1.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	111	112	0.9	112	113	0.9	70 - 130	30	
1,3-Dichlorobenzene	ND	111	112	0.9	107	107	0.0	70 - 130	30	
1,3-Dichloropropane	ND	106	108	1.9	104	103	1.0	70 - 130	30	
1,4-Dichlorobenzene	ND	109	109	0.0	104	105	1.0	70 - 130	30	
2,2-Dichloropropane	ND	107	108	0.9	101	100	1.0	70 - 130	30	
2-Chlorotoluene	ND	111	111	0.0	112	111	0.9	70 - 130	30	
2-Hexanone	ND	80	82	2.5	83	77	7.5	70 - 130	30	
2-Isopropyltoluene	ND	107	108	0.9	112	113	0.9	70 - 130	30	
4-Chlorotoluene	ND	111	110	0.9	110	110	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	88	91	3.4	86	85	1.2	70 - 130	30	
Acetone	ND	67	68	1.5	67	60	11.0	70 - 130	30	l,m
Acrylonitrile	ND	87	89	2.3	85	81	4.8	70 - 130	30	
Benzene	ND	106	107	0.9	103	105	1.9	70 - 130	30	
Bromobenzene	ND	113	114	0.9	109	111	1.8	70 - 130	30	
Bromochloromethane	ND	111	111	0.0	108	106	1.9	70 - 130	30	
Bromodichloromethane	ND	110	112	1.8	105	107	1.9	70 - 130	30	
Bromoform	ND	119	125	4.9	107	108	0.9	70 - 130	30	
Bromomethane	ND	96	97	1.0	96	97	1.0	70 - 130	30	
Carbon Disulfide	ND	103	103	0.0	95	96	1.0	70 - 130	30	
Carbon tetrachloride	ND	113	115	1.8	110	113	2.7	70 - 130	30	
Chlorobenzene	ND	106	107	0.9	106	106	0.0	70 - 130	30	
Chloroethane	ND	90	92	2.2	91	94	3.2	70 - 130	30	
Chloroform	ND	103	105	1.9	105	104	1.0	70 - 130	30	
Chloromethane	ND	93	93	0.0	91	94	3.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	108	109	0.9	108	108	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	109	111	1.8	100	101	1.0	70 - 130	30	
Dibromochloromethane	ND	117	122	4.2	110	112	1.8	70 - 130	30	
Dibromomethane	ND	103	104	1.0	100	101	1.0	70 - 130	30	
Dichlorodifluoromethane	ND	95	95	0.0	85	83	2.4	70 - 130	30	
Ethylbenzene	ND	109	110	0.9	108	108	0.0	70 - 130	30	
Hexachlorobutadiene	ND	116	115	0.9	103	105	1.9	70 - 130	30	
Isopropylbenzene	ND	109	112	2.7	115	115	0.0	70 - 130	30	
m&p-Xylene	ND	107	107	0.0	107	107	0.0	70 - 130	30	
Methyl ethyl ketone	ND	72	73	1.4	80	70	13.3	70 - 130	30	

QA/QC Data

SDG I.D.: GBG69286

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methyl t-butyl ether (MTBE)	ND	92	94	2.2	90	91	1.1	70 - 130	30	
Methylene chloride	ND	83	84	1.2	83	81	2.4	70 - 130	30	
Naphthalene	ND	112	114	1.8	97	94	3.1	70 - 130	30	
n-Butylbenzene	ND	109	107	1.9	109	109	0.0	70 - 130	30	
n-Propylbenzene	ND	105	105	0.0	113	113	0.0	70 - 130	30	
o-Xylene	ND	109	110	0.9	109	109	0.0	70 - 130	30	
p-Isopropyltoluene	ND	112	111	0.9	113	113	0.0	70 - 130	30	
sec-Butylbenzene	ND	113	113	0.0	113	114	0.9	70 - 130	30	
Styrene	ND	110	111	0.9	106	107	0.9	70 - 130	30	
tert-Butylbenzene	ND	109	110	0.9	113	115	1.8	70 - 130	30	
Tetrachloroethene	ND	112	111	0.9	111	110	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	89	89	0.0	87	83	4.7	70 - 130	30	
Toluene	ND	105	105	0.0	102	104	1.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	96	96	0.0	95	93	2.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	109	112	2.7	98	99	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	111	115	3.5	101	98	3.0	70 - 130	30	
Trichloroethene	ND	107	109	1.9	104	108	3.8	70 - 130	30	
Trichlorofluoromethane	ND	91	92	1.1	97	97	0.0	70 - 130	30	
Trichlorotrifluoroethane	ND	96	94	2.1	95	95	0.0	70 - 130	30	
Vinyl chloride	ND	92	92	0.0	93	92	1.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	98	97	97	0.0	98	97	1.0	70 - 121	30	
% Bromofluorobenzene	114	114	117	2.6	114	113	0.9	59 - 113	30	l,m
% Dibromofluoromethane	121	125	124	0.8	124	126	1.6	70 - 130	30	
% Toluene-d8	118	115	115	0.0	113	115	1.8	84 - 138	30	

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
July 29, 2014

Sample Criteria Exceedences Report

GBG69286 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG69286	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2300	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2200	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1700	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2100	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2100	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1700	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2200	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2200	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	260	1000	1000	ug/Kg
BG69286	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	260	1000	1000	ug/Kg
BG69286	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	29.9	0.7	16	16	mg/Kg
BG69286	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	29.9	0.7	16	16	mg/Kg
BG69286	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	29.9	0.7	13	13	mg/Kg
BG69286	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	31.2	0.36	30		mg/Kg
BG69286	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	91.5	0.36	50	50	mg/kg
BG69286	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.20	0.07	0.81	0.81	mg/Kg
BG69286	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.20	0.07	0.81	0.81	mg/Kg
BG69286	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.20	0.07	0.18	0.18	mg/Kg
BG69286	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	230	7.2	63	63	mg/Kg
BG69286	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	112	0.7	109	109	mg/Kg
BG69288	$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BG69288	$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BG69288	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	15000	1300	3900	3900	ug/Kg
BG69288	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	15000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4200	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4200	1300	3900	3900	ug/Kg
BG69288	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4200	1300	800	800	ug/Kg
BG69288	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	12000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	12000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	12000	1300	1000	1000	ug/Kg
BG69288	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	5300	1300	500	500	ug/Kg
BG69288	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	5300	1300	500	500	ug/Kg
BG69288	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5300	1300	500	500	ug/Kg

Sample Criteria Exceedences Report

GBG69286 - EBC

Criteria: NY: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG69288	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1300	330	330	ug/Kg
BG69288	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1300	330	330	ug/Kg
BG69288	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1300	330	330	ug/Kg
BG69288	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	36.0	0.7	16	16	mg/Kg
BG69288	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	36.0	0.7	16	16	mg/Kg
BG69288	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	36.0	0.7	13	13	mg/Kg
BG69288	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	43.4	0.35	30		mg/Kg
BG69288	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	111	0.35	50	50	mg/kg
BG69288	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.04	0.07	0.81	0.81	mg/Kg
BG69288	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.04	0.07	0.81	0.81	mg/Kg
BG69288	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.04	0.07	0.18	0.18	mg/Kg
BG69288	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	489	7.0	400	400	mg/Kg
BG69288	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	489	7.0	400	400	mg/Kg
BG69288	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	489	7.0	63	63	mg/Kg
BG69288	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	112	0.7	109	109	mg/Kg
BG69290	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	33.4	0.7	16	16	mg/Kg
BG69290	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential Restricted	33.4	0.7	16	16	mg/Kg
BG69290	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	33.4	0.7	13	13	mg/Kg
BG69290	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	39.5	0.34	30		mg/Kg
BG69290	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	84.0	0.34	50	50	mg/kg
BG69290	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.33	0.08	0.18	0.18	mg/Kg
BG69290	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	351	6.8	63	63	mg/Kg
BG69290	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	151	6.8	109	109	mg/Kg

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 29, 2014

SDG I.D.: GBG69286

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

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

Temp 4 °C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

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

Contact Options:
☐ Fax:
☐ Phone:
☑ Email: File

Customer: EBC Ridge NY
Address:

Project: 108 Frost St Brooklyn NY
Report to:
Invoice to:

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 07/03/14

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

Analysis Request: VOC, SVOC, Pest/PCB, TAL metals

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (2) oz	GL Soil container (8) 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
69286	B1 0-2		07/02	7:45		1	1							
69287	B1 14-16		07/02	7:50										
69288	B2 0-2		07/02	8:45										
69289	B2 14-16		07/02	8:50										
69290	B3 0-2		07/02	9:45										
69291	B3 14-16		07/02	9:50		1	1							
69533	TB1													
69534	TBL													

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	7-3-14	8:30
[signature]	[signature]	7-3-14	1453

Comments, Special Requirements or Regulations:
*Recevied TB (F)

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
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
☒ NY375 Unrestricted Use Soil
☒ NY375 Residential Soil
☒ Restricted/Residential
☐ Commercial
☐ Industrial

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

State where samples were collected: NJ

Data Package
☐ NJ Reduced Deliv. *
☒ NY Enhanced (ASP B) *
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Tuesday, July 29, 2014

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

Project ID: 108 FROST ST., BROOKLYN
Sample ID#s: BG72576 - BG72580

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

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

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

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

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

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

July 29, 2014

SDG I.D.: GBG72576

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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

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

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE

Client: Environmental Business Consultants

Project: 108 FROST ST., BROOKLYN

Laboratory Project: GBG72576

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG72576**

Environmental Business Consultants 108 FROST ST., BROOKLYN

Methodology Summary

Metals

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

Pesticides:

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

Polychlorinated Biphenyls (PCBs):

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

Semivolatile Organic Compounds

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

Volatile Organics

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed.Update III, Method 8260C.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
MW1	BG72576	GROUND WATER
MW2	BG72577	GROUND WATER
MW3	BG72578	GROUND WATER
GW DUPLICATE	BG72579	GROUND WATER
TRIP BLANK	BG72580	GROUND WATER

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG72576**

Environmental Business Consultants 108 FROST ST., BROOKLYN

Laboratory Chronicle

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

Sample	Analysis	Collection Date	Extraction Date	Analysis Date	Analyst	Hold Time Met
BG72576	Aluminum (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Antimony, (Dissolved)	07/09/14	07/10/14	07/11/14	T/R	Y
BG72576	Arsenic, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Barium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Beryllium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Cadmium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Calcium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Chromium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Cobalt, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Copper, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Iron, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Lead (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Magnesium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Manganese, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Mercury (Dissolved)	07/09/14	07/11/14	07/11/14	RS	Y
BG72576	Nickel, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Pesticides	07/09/14	07/10/14	07/14/14	CE	Y
BG72576	Polychlorinated Biphenyls	07/09/14	07/10/14	07/11/14	AW	Y
BG72576	Potassium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Selenium, (Dissolved)	07/09/14	07/10/14	07/15/14	RS	Y
BG72576	Semivolatiles	07/09/14	07/10/14	07/14/14	KCA	Y
BG72576	Silver (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Sodium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Thallium , (Dissolved)	07/09/14	07/10/14	07/11/14	RS	Y
BG72576	Vanadium, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72576	Volatiles	07/09/14	07/10/14	07/10/14	RM	Y
BG72576	Zinc, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Aluminum (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Antimony, (Dissolved)	07/09/14	07/10/14	07/11/14	T/R	Y
BG72577	Arsenic, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Barium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Beryllium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y

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July 29, 2014 **SDG I.D.: GBG72576**

Environmental Business Consultants 108 FROST ST., BROOKLYN

BG72577	Cadmium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Calcium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Chromium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Cobalt, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Copper, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Iron, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Lead (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Magnesium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Manganese, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Mercury (Dissolved)	07/09/14	07/11/14	07/11/14	RS	Y
BG72577	Nickel, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Pesticides	07/09/14	07/10/14	07/14/14	CE	Y
BG72577	Polychlorinated Biphenyls	07/09/14	07/10/14	07/11/14	AW	Y
BG72577	Potassium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Selenium, (Dissolved)	07/09/14	07/10/14	07/15/14	RS	Y
BG72577	Semivolatiles	07/09/14	07/10/14	07/14/14	KCA	Y
BG72577	Silver (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Sodium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Thallium , (Dissolved)	07/09/14	07/10/14	07/11/14	RS	Y
BG72577	Vanadium, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72577	Volatiles	07/09/14	07/10/14	07/10/14	RM	Y
BG72577	Zinc, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Aluminum (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Antimony, (Dissolved)	07/09/14	07/10/14	07/11/14	T/R	Y
BG72578	Arsenic, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Barium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Beryllium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Cadmium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Calcium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Chromium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Cobalt, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Copper, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Iron, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Lead (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Magnesium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Manganese, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Mercury (Dissolved)	07/09/14	07/11/14	07/11/14	RS	Y

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NY Analytical Services Protocol Format

July 29, 2014 **SDG I.D.: GBG72576**

Environmental Business Consultants 108 FROST ST., BROOKLYN

BG72578	Nickel, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Pesticides	07/09/14	07/10/14	07/14/14	CE	Y
BG72578	Polychlorinated Biphenyls	07/09/14	07/10/14	07/11/14	AW	Y
BG72578	Potassium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Selenium, (Dissolved)	07/09/14	07/10/14	07/15/14	RS	Y
BG72578	Semivolatiles	07/09/14	07/10/14	07/14/14	KCA	Y
BG72578	Silver (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Sodium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Thallium , (Dissolved)	07/09/14	07/10/14	07/11/14	RS	Y
BG72578	Vanadium, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72578	Volatiles	07/09/14	07/10/14	07/10/14	RM	Y
BG72578	Zinc, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Aluminum (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Antimony, (Dissolved)	07/09/14	07/10/14	07/11/14	T/R	Y
BG72579	Arsenic, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Barium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Beryllium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Cadmium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Calcium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Chromium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Cobalt, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Copper, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Iron, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Lead (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Magnesium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Manganese, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Mercury (Dissolved)	07/09/14	07/11/14	07/11/14	RS	Y
BG72579	Nickel, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Pesticides	07/09/14	07/10/14	07/14/14	CE	Y
BG72579	Polychlorinated Biphenyls	07/09/14	07/10/14	07/11/14	AW	Y
BG72579	Potassium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Selenium, (Dissolved)	07/09/14	07/10/14	07/15/14	R/T	Y
BG72579	Semivolatiles	07/09/14	07/10/14	07/14/14	KCA	Y
BG72579	Silver (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Sodium (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72579	Thallium , (Dissolved)	07/09/14	07/10/14	07/11/14	RS	Y
BG72579	Vanadium, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y

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Environmental Business Consultants 108 FROST ST., BROOKLYN

BG72579	Volatiles	07/09/14	07/10/14	07/10/14	RM	Y
BG72579	Zinc, (Dissolved)	07/09/14	07/10/14	07/11/14	EK	Y
BG72580	Volatiles	07/09/14	07/10/14	07/10/14	RM	Y

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Analysis Report

July 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:		07/09/14	9:00
Location Code:	EBC	Received by:	LB	07/10/14	16:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG72576
Phoenix ID: BG72576

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW1

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005		0.005	0.001	mg/L	07/11/14	EK	SW6010
Aluminum (Dissolved)	0.49	N	0.01	0.0026	mg/L	07/11/14	EK	SW6010
Arsenic, (Dissolved)	0.003	B	0.003	0.001	mg/L	07/11/14	EK	SW6010
Barium (Dissolved)	0.129		0.011	0.001	mg/L	07/11/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	07/11/14	EK	SW6010
Calcium (Dissolved)	80.9		0.01	0.003	mg/L	07/11/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	07/11/14	EK	SW6010
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	07/11/14	EK	SW6010
Chromium (Dissolved)	0.001		0.001	0.001	mg/L	07/11/14	EK	SW6010
Copper, (Dissolved)	0.002	B	0.005	0.001	mg/L	07/11/14	EK	SW6010
Iron, (Dissolved)	0.72	N*	0.01	0.01	mg/L	07/11/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	07/11/14	RS	SW7470
Potassium (Dissolved)	5.9		0.1	0.1	mg/L	07/11/14	EK	SW6010
Magnesium (Dissolved)	34.2		0.01	0.001	mg/L	07/11/14	EK	SW6010
Manganese, (Dissolved)	3.52		0.053	0.011	mg/L	07/11/14	EK	SW6010
Sodium (Dissolved)	50.1		0.11	0.1	mg/L	07/11/14	EK	SW6010
Nickel, (Dissolved)	0.002	B	0.004	0.001	mg/L	07/11/14	EK	SW6010
Lead (Dissolved)	0.002	B*	0.002	0.001	mg/L	07/11/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	07/11/14	T/R	7010
Selenium, (Dissolved)	0.004	B	0.004	0.002	mg/L	07/15/14	RS	7010
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	07/11/14	RS	7010
Vanadium, (Dissolved)	0.003	B	0.011	0.001	mg/L	07/11/14	EK	SW6010
Zinc, (Dissolved)	0.005	B	0.011	0.001	mg/L	07/11/14	EK	SW6010
Filtration	Completed					07/10/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					07/11/14	I/I	SW7470
PCB Extraction	Completed					07/10/14	L	SW3510C
Extraction for Pest (2 Liter)	Completed					07/10/14	L	SW3510
Semi-Volatile Extraction	Completed					07/10/14	E/D/DW	SW3520

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW1

Phoenix I.D.: BG72576

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				07/10/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	07/14/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	07/14/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	07/14/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	07/14/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	60			%	07/14/14	CE	SW8081	
%TCMX (Surrogate Rec)	86			%	07/14/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
QA/QC Surrogates								
% DCBP	59			%	07/11/14	AW	30 - 150 %	
% TCMX	68			%	07/11/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	07/10/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	07/10/14	RM	SW8260	

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW1

Phoenix I.D.: BG72576

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	07/10/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
1,2-Dichloroethane	ND		0.60	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.19	ug/L	07/10/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	07/10/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	07/10/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Acetone	2.1	JBS	5.0	0.31	ug/L	07/10/14	RM	SW8260	B*
Acrolein	ND		5.0	0.95	ug/L	07/10/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	07/10/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	07/10/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	07/10/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	07/10/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	07/10/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	07/10/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	07/10/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	07/10/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	07/10/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	07/10/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	07/10/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Hexachlorobutadiene	ND		0.50	0.13	ug/L	07/10/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	07/10/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	07/10/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	07/10/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	07/10/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	07/10/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Tetrachloroethene	ND	1.0	0.24	ug/L	07/10/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	07/10/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	07/10/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	07/10/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	07/10/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101			%	07/10/14	RM	70 - 121 %	
% Bromofluorobenzene	97			%	07/10/14	RM	59 - 113 %	
% Dibromofluoromethane	96			%	07/10/14	RM	70 - 130 %	
% Toluene-d8	101			%	07/10/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
1,2-Dichlorobenzene	ND	1.1	1.5	ug/L	07/15/14	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270	
1,3-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
1,4-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrotoluene	ND	5.0	2.1	ug/L	07/15/14	KCA	SW 8270	
2,6-Dinitrotoluene	ND	5.0	1.7	ug/L	07/15/14	KCA	SW 8270	
2-Chloronaphthalene	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Methylnaphthalene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	5.0	2.5	ug/L	07/15/14	KCA	SW 8270	
3-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Chloroaniline	ND	3.7	2.5	ug/L	07/15/14	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.8	ug/L	07/15/14	KCA	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Acenaphthene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Acetophenone	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Aniline	ND	3.7	5.3	ug/L	07/15/14	KCA	SW 8270
Anthracene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Benzidine	ND	4.7	3.1	ug/L	07/15/14	KCA	SW 8270
Benzoic acid	ND	26	11	ug/L	07/15/14	KCA	SW 8270
Benzyl butyl phthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Carbazole	ND	26	4.0	ug/L	07/15/14	KCA	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Diethyl phthalate	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Dimethylphthalate	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Di-n-butylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Di-n-octylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Fluoranthene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Fluorene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.6	ug/L	07/15/14	KCA	SW 8270
Isophorone	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Naphthalene	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	5.3	2.0	ug/L	07/15/14	KCA	SW 8270
Phenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Pyrene	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270
Pyridine	ND	11	1.3	ug/L	07/15/14	KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84			%	07/15/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	81			%	07/15/14	KCA	30 - 115 %
% 2-Fluorophenol	67			%	07/15/14	KCA	25 - 121 %
% Nitrobenzene-d5	77			%	07/15/14	KCA	23 - 120 %
% Phenol-d5	69			%	07/15/14	KCA	24 - 113 %
% Terphenyl-d14	70			%	07/15/14	KCA	18 - 137 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)
Acenaphthylene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)
Benz(a)anthracene	0.05	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(a)pyrene	0.02	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.1	1.1	ug/L	07/14/14	KCA	SW8270 (SIM)
Chrysene	0.04	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobutadiene	ND	0.42	0.42	ug/L	07/14/14	KCA	SW8270 (SIM)

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW1

Phoenix I.D.: BG72576

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Hexachloroethane	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)	
Nitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachlorophenol	ND	0.84	0.84	ug/L	07/14/14	KCA	SW8270 (SIM)	
Phenanthrene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	99			%	07/14/14	KCA	15 - 110 %	
% 2-Fluorobiphenyl	93			%	07/14/14	KCA	30 - 115 %	
% 2-Fluorophenol	82			%	07/14/14	KCA	15 - 110 %	
% Nitrobenzene-d5	134			%	07/14/14	KCA	23 - 120 %	3
% Phenol-d5	79			%	07/14/14	KCA	15 - 110 %	
% Terphenyl-d14	79			%	07/14/14	KCA	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.
3 = This parameter exceeds laboratory specified limits.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:		07/09/14	9:30
Location Code:	EBC	Received by:	LB	07/10/14	16:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG72576
Phoenix ID: BG72577

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW2

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005		0.005	0.001	mg/L	07/11/14	EK	SW6010
Aluminum (Dissolved)	0.45	N	0.01	0.0026	mg/L	07/11/14	EK	SW6010
Arsenic, (Dissolved)	0.004		0.003	0.001	mg/L	07/11/14	EK	SW6010
Barium (Dissolved)	0.250		0.011	0.001	mg/L	07/11/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	07/11/14	EK	SW6010
Calcium (Dissolved)	98.9		0.01	0.003	mg/L	07/11/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	07/11/14	EK	SW6010
Cobalt, (Dissolved)	0.001	B	0.005	0.001	mg/L	07/11/14	EK	SW6010
Chromium (Dissolved)	0.002		0.001	0.001	mg/L	07/11/14	EK	SW6010
Copper, (Dissolved)	0.002	B	0.005	0.001	mg/L	07/11/14	EK	SW6010
Iron, (Dissolved)	2.38	N*	0.01	0.01	mg/L	07/11/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	07/11/14	RS	SW7470
Potassium (Dissolved)	13.9		0.1	0.1	mg/L	07/11/14	EK	SW6010
Magnesium (Dissolved)	25.2		0.01	0.001	mg/L	07/11/14	EK	SW6010
Manganese, (Dissolved)	1.77		0.005	0.001	mg/L	07/11/14	EK	SW6010
Sodium (Dissolved)	35.0		0.11	0.1	mg/L	07/11/14	EK	SW6010
Nickel, (Dissolved)	0.003	B	0.004	0.001	mg/L	07/11/14	EK	SW6010
Lead (Dissolved)	< 0.002	*	0.002	0.001	mg/L	07/11/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	07/11/14	T/R	7010
Selenium, (Dissolved)	0.004	B	0.004	0.002	mg/L	07/15/14	RS	7010
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	07/11/14	RS	7010
Vanadium, (Dissolved)	0.001	B	0.011	0.001	mg/L	07/11/14	EK	SW6010
Zinc, (Dissolved)	0.005	B	0.011	0.001	mg/L	07/11/14	EK	SW6010
Filtration	Completed					07/10/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					07/11/14	I/I	SW7470
PCB Extraction	Completed					07/10/14	L	SW3510C
Extraction for Pest (2 Liter)	Completed					07/10/14	L	SW3510
Semi-Volatile Extraction	Completed					07/10/14	E/D/DW	SW3520

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW2

Phoenix I.D.: BG72577

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				07/10/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	07/14/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	07/14/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	07/14/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	07/14/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	68			%	07/14/14	CE	SW8081	
%TCMX (Surrogate Rec)	86			%	07/14/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
QA/QC Surrogates								
% DCBP	65			%	07/11/14	AW	30 - 150 %	
% TCMX	67			%	07/11/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	07/10/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	07/10/14	RM	SW8260	

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW2

Phoenix I.D.: BG72577

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	07/10/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
1,2-Dichloroethane	ND		0.60	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.19	ug/L	07/10/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	07/10/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	07/10/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Acetone	1.8	JBS	5.0	0.31	ug/L	07/10/14	RM	SW8260	B*
Acrolein	ND		5.0	0.95	ug/L	07/10/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	07/10/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	07/10/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	07/10/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	07/10/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	07/10/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	07/10/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	07/10/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	07/10/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	07/10/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	07/10/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	07/10/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Hexachlorobutadiene	ND		0.50	0.13	ug/L	07/10/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	07/10/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	07/10/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	07/10/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	07/10/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	07/10/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Tetrachloroethene	ND	1.0	0.24	ug/L	07/10/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	07/10/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	07/10/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	07/10/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	07/10/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	102			%	07/10/14	RM	70 - 121 %	
% Bromofluorobenzene	94			%	07/10/14	RM	59 - 113 %	
% Dibromofluoromethane	99			%	07/10/14	RM	70 - 130 %	
% Toluene-d8	102			%	07/10/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
1,2-Dichlorobenzene	ND	1.1	1.5	ug/L	07/15/14	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270	
1,3-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
1,4-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrotoluene	ND	5.0	2.1	ug/L	07/15/14	KCA	SW 8270	
2,6-Dinitrotoluene	ND	5.0	1.7	ug/L	07/15/14	KCA	SW 8270	
2-Chloronaphthalene	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Methylnaphthalene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	5.0	2.5	ug/L	07/15/14	KCA	SW 8270	
3-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Chloroaniline	ND	3.7	2.5	ug/L	07/15/14	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.8	ug/L	07/15/14	KCA	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Acenaphthene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Acetophenone	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Aniline	ND	3.7	5.3	ug/L	07/15/14	KCA	SW 8270
Anthracene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Benzidine	ND	4.7	3.1	ug/L	07/15/14	KCA	SW 8270
Benzoic acid	ND	26	11	ug/L	07/15/14	KCA	SW 8270
Benzyl butyl phthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Carbazole	ND	26	4.0	ug/L	07/15/14	KCA	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Diethyl phthalate	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Dimethylphthalate	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Di-n-butylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Di-n-octylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Fluoranthene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Fluorene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.6	ug/L	07/15/14	KCA	SW 8270
Isophorone	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Naphthalene	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	5.3	2.0	ug/L	07/15/14	KCA	SW 8270
Phenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Pyrene	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270
Pyridine	ND	11	1.3	ug/L	07/15/14	KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	90			%	07/15/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	82			%	07/15/14	KCA	30 - 115 %
% 2-Fluorophenol	73			%	07/15/14	KCA	25 - 121 %
% Nitrobenzene-d5	79			%	07/15/14	KCA	23 - 120 %
% Phenol-d5	77			%	07/15/14	KCA	24 - 113 %
% Terphenyl-d14	39			%	07/15/14	KCA	18 - 137 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)
Acenaphthylene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)
Benz(a)anthracene	0.07	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(a)pyrene	0.03	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(b)fluoranthene	0.04	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.1	1.1	ug/L	07/14/14	KCA	SW8270 (SIM)
Chrysene	0.05	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobutadiene	ND	0.42	0.42	ug/L	07/14/14	KCA	SW8270 (SIM)

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW2

Phoenix I.D.: BG72577

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Hexachloroethane	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)	
Nitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachlorophenol	ND	0.84	0.84	ug/L	07/14/14	KCA	SW8270 (SIM)	
Phenanthrene	0.22	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	105			%	07/14/14	KCA	15 - 110 %	
% 2-Fluorobiphenyl	97			%	07/14/14	KCA	30 - 115 %	
% 2-Fluorophenol	91			%	07/14/14	KCA	15 - 110 %	
% Nitrobenzene-d5	139			%	07/14/14	KCA	23 - 120 %	3
% Phenol-d5	88			%	07/14/14	KCA	15 - 110 %	
% Terphenyl-d14	46			%	07/14/14	KCA	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.
3 = This parameter exceeds laboratory specified limits.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:		07/09/14	10:00
Location Code:	EBC	Received by:	LB	07/10/14	16:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG72576
Phoenix ID: BG72578

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW3

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver (Dissolved)	< 0.005		0.005	0.001	mg/L	07/11/14	EK	SW6010
Aluminum (Dissolved)	0.33	N	0.01	0.0026	mg/L	07/11/14	EK	SW6010
Arsenic, (Dissolved)	0.004		0.003	0.001	mg/L	07/11/14	EK	SW6010
Barium (Dissolved)	0.153		0.011	0.001	mg/L	07/11/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	07/11/14	EK	SW6010
Calcium (Dissolved)	105		0.01	0.003	mg/L	07/11/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	07/11/14	EK	SW6010
Cobalt, (Dissolved)	< 0.005		0.005	0.001	mg/L	07/11/14	EK	SW6010
Chromium (Dissolved)	0.002		0.001	0.001	mg/L	07/11/14	EK	SW6010
Copper, (Dissolved)	0.007		0.005	0.001	mg/L	07/11/14	EK	SW6010
Iron, (Dissolved)	0.48	N*	0.01	0.01	mg/L	07/11/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	07/11/14	RS	SW7470
Potassium (Dissolved)	14.9		0.1	0.1	mg/L	07/11/14	EK	SW6010
Magnesium (Dissolved)	12.2		0.01	0.001	mg/L	07/11/14	EK	SW6010
Manganese, (Dissolved)	0.994		0.005	0.001	mg/L	07/11/14	EK	SW6010
Sodium (Dissolved)	17.8		0.11	0.1	mg/L	07/11/14	EK	SW6010
Nickel, (Dissolved)	0.003	B	0.004	0.001	mg/L	07/11/14	EK	SW6010
Lead (Dissolved)	0.005	*	0.002	0.001	mg/L	07/11/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	07/11/14	T/R	7010
Selenium, (Dissolved)	< 0.004		0.004	0.002	mg/L	07/15/14	RS	7010
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	07/11/14	RS	7010
Vanadium, (Dissolved)	0.004	B	0.011	0.001	mg/L	07/11/14	EK	SW6010
Zinc, (Dissolved)	0.007	B	0.011	0.001	mg/L	07/11/14	EK	SW6010
Filtration	Completed					07/10/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					07/11/14	I/I	SW7470
PCB Extraction	Completed					07/10/14	L	SW3510C
Extraction for Pest (2 Liter)	Completed					07/10/14	L	SW3510
Semi-Volatile Extraction	Completed					07/10/14	E/D/DW	SW3520

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW3

Phoenix I.D.: BG72578

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				07/10/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	07/14/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	07/14/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	07/14/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	07/14/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	62			%	07/14/14	CE	SW8081	
%TCMX (Surrogate Rec)	87			%	07/14/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
QA/QC Surrogates								
% DCBP	60			%	07/11/14	AW	30 - 150 %	
% TCMX	64			%	07/11/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	07/10/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	07/10/14	RM	SW8260	

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW3

Phoenix I.D.: BG72578

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	07/10/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
1,2-Dichloroethane	ND		0.60	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.19	ug/L	07/10/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	07/10/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	07/10/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Acetone	1.5	JBS	5.0	0.31	ug/L	07/10/14	RM	SW8260	B*
Acrolein	ND		5.0	0.95	ug/L	07/10/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	07/10/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	07/10/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	07/10/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	07/10/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	07/10/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	07/10/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	07/10/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	07/10/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	07/10/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	07/10/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	07/10/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Hexachlorobutadiene	ND		0.50	0.13	ug/L	07/10/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	07/10/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	07/10/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	07/10/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	07/10/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	07/10/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Tetrachloroethene	ND	1.0	0.24	ug/L	07/10/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	07/10/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	07/10/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	07/10/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	07/10/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	07/10/14	RM	70 - 121 %	
% Bromofluorobenzene	98			%	07/10/14	RM	59 - 113 %	
% Dibromofluoromethane	99			%	07/10/14	RM	70 - 130 %	
% Toluene-d8	103			%	07/10/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
1,2-Dichlorobenzene	ND	1.1	1.5	ug/L	07/15/14	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270	
1,3-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
1,4-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrotoluene	ND	5.0	2.1	ug/L	07/15/14	KCA	SW 8270	
2,6-Dinitrotoluene	ND	5.0	1.7	ug/L	07/15/14	KCA	SW 8270	
2-Chloronaphthalene	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Methylnaphthalene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	5.0	2.5	ug/L	07/15/14	KCA	SW 8270	
3-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Chloroaniline	ND	3.7	2.5	ug/L	07/15/14	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.8	ug/L	07/15/14	KCA	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Acenaphthene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Acetophenone	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Aniline	ND	3.7	5.3	ug/L	07/15/14	KCA	SW 8270
Anthracene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Benzidine	ND	4.7	3.1	ug/L	07/15/14	KCA	SW 8270
Benzoic acid	ND	26	11	ug/L	07/15/14	KCA	SW 8270
Benzyl butyl phthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Carbazole	ND	26	4.0	ug/L	07/15/14	KCA	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Diethyl phthalate	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Dimethylphthalate	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Di-n-butylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Di-n-octylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Fluoranthene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Fluorene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.6	ug/L	07/15/14	KCA	SW 8270
Isophorone	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Naphthalene	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	5.3	2.0	ug/L	07/15/14	KCA	SW 8270
Phenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Pyrene	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270
Pyridine	ND	11	1.3	ug/L	07/15/14	KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	86			%	07/15/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	82			%	07/15/14	KCA	30 - 115 %
% 2-Fluorophenol	71			%	07/15/14	KCA	25 - 121 %
% Nitrobenzene-d5	79			%	07/15/14	KCA	23 - 120 %
% Phenol-d5	73			%	07/15/14	KCA	24 - 113 %
% Terphenyl-d14	55			%	07/15/14	KCA	18 - 137 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)
Acenaphthylene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)
Benz(a)anthracene	0.05	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(a)pyrene	0.02	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.1	1.1	ug/L	07/14/14	KCA	SW8270 (SIM)
Chrysene	0.04	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobutadiene	ND	0.42	0.42	ug/L	07/14/14	KCA	SW8270 (SIM)

Project ID: 108 FROST ST., BROOKLYN
Client ID: MW3

Phoenix I.D.: BG72578

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Hexachloroethane	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)	
Nitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachlorophenol	ND	0.84	0.84	ug/L	07/14/14	KCA	SW8270 (SIM)	
Phenanthrene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	101			%	07/14/14	KCA	15 - 110 %	
% 2-Fluorobiphenyl	95			%	07/14/14	KCA	30 - 115 %	
% 2-Fluorophenol	87			%	07/14/14	KCA	15 - 110 %	
% Nitrobenzene-d5	132			%	07/14/14	KCA	23 - 120 %	3
% Phenol-d5	84			%	07/14/14	KCA	15 - 110 %	
% Terphenyl-d14	65			%	07/14/14	KCA	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.
3 = This parameter exceeds laboratory specified limits.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:		07/09/14	10:20
Location Code:	EBC	Received by:	LB	07/10/14	16:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG72576
Phoenix ID: BG72579

Project ID: 108 FROST 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	07/11/14	EK	SW6010
Aluminum (Dissolved)	2.03	N	0.11	0.026	mg/L	07/11/14	EK	SW6010
Arsenic, (Dissolved)	0.003	B	0.003	0.001	mg/L	07/11/14	EK	SW6010
Barium (Dissolved)	0.134		0.011	0.001	mg/L	07/11/14	EK	SW6010
Beryllium (Dissolved)	< 0.001		0.001	0.001	mg/L	07/11/14	EK	SW6010
Calcium (Dissolved)	80.3		0.01	0.003	mg/L	07/11/14	EK	SW6010
Cadmium (Dissolved)	< 0.004		0.004	0.0005	mg/L	07/11/14	EK	SW6010
Cobalt, (Dissolved)	0.001	B	0.005	0.001	mg/L	07/11/14	EK	SW6010
Chromium (Dissolved)	0.003		0.001	0.001	mg/L	07/11/14	EK	SW6010
Copper, (Dissolved)	0.004	B	0.005	0.001	mg/L	07/11/14	EK	SW6010
Iron, (Dissolved)	1.52	N*	0.11	0.11	mg/L	07/11/14	EK	SW6010
Mercury (Dissolved)	< 0.0002		0.0002	0.00015	mg/L	07/11/14	RS	SW7470
Potassium (Dissolved)	6.0		0.1	0.1	mg/L	07/11/14	EK	SW6010
Magnesium (Dissolved)	33.4		0.01	0.001	mg/L	07/11/14	EK	SW6010
Manganese, (Dissolved)	3.64		0.053	0.011	mg/L	07/11/14	EK	SW6010
Sodium (Dissolved)	50.9		0.11	0.1	mg/L	07/11/14	EK	SW6010
Nickel, (Dissolved)	0.002	B	0.004	0.001	mg/L	07/11/14	EK	SW6010
Lead (Dissolved)	0.011	*	0.002	0.001	mg/L	07/11/14	EK	SW6010
Antimony, (Dissolved)	< 0.003		0.003	0.003	mg/L	07/11/14	T/R	7010
Selenium, (Dissolved)	0.005		0.004	0.002	mg/L	07/15/14	R/T	7010
Thallium , (Dissolved)	< 0.0005		0.0005	0.0005	mg/L	07/11/14	RS	7010
Vanadium, (Dissolved)	0.004	B	0.011	0.001	mg/L	07/11/14	EK	SW6010
Zinc, (Dissolved)	0.014		0.011	0.001	mg/L	07/11/14	EK	SW6010
Filtration	Completed					07/10/14	AG	0.45um Filter
Dissolved Mercury Digestion	Completed					07/11/14	I/I	SW7470
PCB Extraction	Completed					07/10/14	L	SW3510C
Extraction for Pest (2 Liter)	Completed					07/10/14	L	SW3510
Semi-Volatile Extraction	Completed					07/10/14	E/D/DW	SW3520

Project ID: 108 FROST ST., BROOKLYN
Client ID: GW DUPLICATE

Phoenix I.D.: BG72579

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Dissolved Metals Preparation	Completed				07/10/14	AG	SW846-3005	
Pesticides								
4,4' -DDD	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDE	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
4,4' -DDT	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
a-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
a-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Alachlor	ND	0.075	0.075	ug/L	07/14/14	CE	SW8081	1
Aldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
b-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Chlordane	ND	0.030	0.030	ug/L	07/14/14	CE	SW8081	
d-BHC	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
Dieldrin	ND	0.002	0.002	ug/L	07/14/14	CE	SW8081	
Endosulfan I	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan II	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endosulfan Sulfate	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin Aldehyde	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Endrin ketone	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
g-BHC (Lindane)	ND	0.005	0.005	ug/L	07/14/14	CE	SW8081	
g-chlordane	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Heptachlor epoxide	ND	0.010	0.010	ug/L	07/14/14	CE	SW8081	
Methoxychlor	ND	0.10	0.10	ug/L	07/14/14	CE	SW8081	
Toxaphene	ND	0.20	0.20	ug/L	07/14/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	49			%	07/14/14	CE	SW8081	
%TCMX (Surrogate Rec)	85			%	07/14/14	CE	SW8081	
Polychlorinated Biphenyls								
PCB-1016	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1221	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1232	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1242	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1248	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1254	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1260	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1262	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
PCB-1268	ND	0.072	0.072	ug/L	07/11/14	AW	8082	
QA/QC Surrogates								
% DCBP	51			%	07/11/14	AW	30 - 150 %	
% TCMX	70			%	07/11/14	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	07/10/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	07/10/14	RM	SW8260	

Project ID: 108 FROST ST., BROOKLYN
Client ID: GW DUPLICATE

Phoenix I.D.: BG72579

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
1,1-Dichloroethene	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
1,1-Dichloropropene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichloropropane	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND		1.0	0.36	ug/L	07/10/14	RM	SW8260	
1,2-Dibromoethane	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichlorobenzene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
1,2-Dichloroethane	ND		0.60	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichloropropane	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,3-Dichlorobenzene	ND		3.0	0.19	ug/L	07/10/14	RM	SW8260	
1,3-Dichloropropane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
1,4-Dichlorobenzene	ND		5.0	0.19	ug/L	07/10/14	RM	SW8260	
2,2-Dichloropropane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
2-Chlorotoluene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
2-Hexanone	ND		1.0	0.27	ug/L	07/10/14	RM	SW8260	
2-Isopropyltoluene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	1
4-Chlorotoluene	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
4-Methyl-2-pentanone	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Acetone	2.1	JBS	5.0	0.31	ug/L	07/10/14	RM	SW8260	B*
Acrolein	ND		5.0	0.95	ug/L	07/10/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	07/10/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	07/10/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	07/10/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	07/10/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	07/10/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	07/10/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	07/10/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	07/10/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	07/10/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	07/10/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	07/10/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Hexachlorobutadiene	ND		0.50	0.13	ug/L	07/10/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	07/10/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	07/10/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	07/10/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
n-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
n-Propylbenzene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
o-Xylene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
p-Isopropyltoluene	ND	1.0	0.21	ug/L	07/10/14	RM	SW8260	
sec-Butylbenzene	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
Styrene	ND	1.0	0.41	ug/L	07/10/14	RM	SW8260	
tert-Butylbenzene	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Tetrachloroethene	ND	1.0	0.24	ug/L	07/10/14	RM	SW8260	
Tetrahydrofuran (THF)	ND	5.0	0.51	ug/L	07/10/14	RM	SW8260	1
Toluene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,2-Dichloroethene	ND	5.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,3-Dichloropropene	ND	0.40	0.14	ug/L	07/10/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND	1.0	0.45	ug/L	07/10/14	RM	SW8260	
Trichloroethene	ND	1.0	0.18	ug/L	07/10/14	RM	SW8260	
Trichlorofluoromethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Trichlorotrifluoroethane	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
Vinyl chloride	ND	1.0	0.14	ug/L	07/10/14	RM	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	103			%	07/10/14	RM	70 - 121 %	
% Bromofluorobenzene	97			%	07/10/14	RM	59 - 113 %	
% Dibromofluoromethane	96			%	07/10/14	RM	70 - 130 %	
% Toluene-d8	101			%	07/10/14	RM	84 - 138 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
1,2-Dichlorobenzene	ND	1.1	1.5	ug/L	07/15/14	KCA	SW 8270	
1,2-Diphenylhydrazine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270	
1,3-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
1,4-Dichlorobenzene	ND	1.1	1.6	ug/L	07/15/14	KCA	SW 8270	
2,4,5-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4,6-Trichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dichlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dimethylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2,4-Dinitrotoluene	ND	5.0	2.1	ug/L	07/15/14	KCA	SW 8270	
2,6-Dinitrotoluene	ND	5.0	1.7	ug/L	07/15/14	KCA	SW 8270	
2-Chloronaphthalene	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
2-Chlorophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Methylnaphthalene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270	
2-Methylphenol (o-cresol)	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
2-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270	
3,3'-Dichlorobenzidine	ND	5.0	2.5	ug/L	07/15/14	KCA	SW 8270	
3-Nitroaniline	ND	5.0	5.0	ug/L	07/15/14	KCA	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Bromophenyl phenyl ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270	
4-Chloro-3-methylphenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270	
4-Chloroaniline	ND	3.7	2.5	ug/L	07/15/14	KCA	SW 8270	
4-Chlorophenyl phenyl ether	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	5.0	1.8	ug/L	07/15/14	KCA	SW 8270
4-Nitrophenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Acenaphthene	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Acetophenone	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Aniline	ND	3.7	5.3	ug/L	07/15/14	KCA	SW 8270
Anthracene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Benzidine	ND	4.7	3.1	ug/L	07/15/14	KCA	SW 8270
Benzoic acid	ND	26	11	ug/L	07/15/14	KCA	SW 8270
Benzyl butyl phthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroethyl)ether	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Carbazole	ND	26	4.0	ug/L	07/15/14	KCA	SW 8270
Dibenzofuran	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
Diethyl phthalate	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Dimethylphthalate	ND	5.3	1.6	ug/L	07/15/14	KCA	SW 8270
Di-n-butylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Di-n-octylphthalate	ND	5.3	1.4	ug/L	07/15/14	KCA	SW 8270
Fluoranthene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Fluorene	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
Hexachlorocyclopentadiene	ND	5.0	1.6	ug/L	07/15/14	KCA	SW 8270
Isophorone	ND	5.3	1.5	ug/L	07/15/14	KCA	SW 8270
Naphthalene	ND	5.0	1.5	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodimethylamine	ND	1.1	1.1	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	5.3	1.7	ug/L	07/15/14	KCA	SW 8270
N-Nitrosodiphenylamine	ND	5.3	2.0	ug/L	07/15/14	KCA	SW 8270
Phenol	ND	1.0	1.0	ug/L	07/15/14	KCA	SW 8270
Pyrene	ND	5.3	1.8	ug/L	07/15/14	KCA	SW 8270
Pyridine	ND	11	1.3	ug/L	07/15/14	KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	86			%	07/15/14	KCA	19 - 122 %
% 2-Fluorobiphenyl	83			%	07/15/14	KCA	30 - 115 %
% 2-Fluorophenol	69			%	07/15/14	KCA	25 - 121 %
% Nitrobenzene-d5	79			%	07/15/14	KCA	23 - 120 %
% Phenol-d5	75			%	07/15/14	KCA	24 - 113 %
% Terphenyl-d14	69			%	07/15/14	KCA	18 - 137 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)
Acenaphthylene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)
Benz(a)anthracene	0.05	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(a)pyrene	0.03	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(b)fluoranthene	0.03	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(ghi)perylene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Benzo(k)fluoranthene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.1	1.1	ug/L	07/14/14	KCA	SW8270 (SIM)
Chrysene	0.04	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Dibenz(a,h)anthracene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobenzene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)
Hexachlorobutadiene	ND	0.42	0.42	ug/L	07/14/14	KCA	SW8270 (SIM)

Project ID: 108 FROST ST., BROOKLYN
Client ID: GW DUPLICATE

Phoenix I.D.: BG72579

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Hexachloroethane	ND	0.53	0.53	ug/L	07/14/14	KCA	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02	0.02	ug/L	07/14/14	KCA	SW8270 (SIM)	
Nitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
Pentachlorophenol	ND	0.84	0.84	ug/L	07/14/14	KCA	SW8270 (SIM)	
Phenanthrene	ND	0.11	0.11	ug/L	07/14/14	KCA	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	106			%	07/14/14	KCA	15 - 110 %	
% 2-Fluorobiphenyl	97			%	07/14/14	KCA	30 - 115 %	
% 2-Fluorophenol	88			%	07/14/14	KCA	15 - 110 %	
% Nitrobenzene-d5	131			%	07/14/14	KCA	23 - 120 %	3
% Phenol-d5	86			%	07/14/14	KCA	15 - 110 %	
% Terphenyl-d14	82			%	07/14/14	KCA	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.
3 = This parameter exceeds laboratory specified limits.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

Phyllis Shiller, Laboratory Director
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 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:		07/09/14	0:00
Location Code:	EBC	Received by:	LB	07/10/14	16:16
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG72576
Phoenix ID: BG72580

Project ID: 108 FROST ST., BROOKLYN
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,1-Trichloroethane	ND	5.0	0.19	ug/L	07/10/14	RM	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0	0.15	ug/L	07/10/14	RM	SW8260	
1,1,2-Trichloroethane	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,1-Dichloroethane	ND	5.0	0.23	ug/L	07/10/14	RM	SW8260	
1,1-Dichloroethene	ND	1.0	0.24	ug/L	07/10/14	RM	SW8260	
1,1-Dichloropropene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2,3-Trichloropropane	ND	1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	0.36	ug/L	07/10/14	RM	SW8260	
1,2-Dibromoethane	ND	1.0	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichlorobenzene	ND	1.0	0.16	ug/L	07/10/14	RM	SW8260	
1,2-Dichloroethane	ND	0.60	0.20	ug/L	07/10/14	RM	SW8260	
1,2-Dichloropropane	ND	1.0	0.18	ug/L	07/10/14	RM	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	0.21	ug/L	07/10/14	RM	SW8260	
1,3-Dichlorobenzene	ND	3.0	0.19	ug/L	07/10/14	RM	SW8260	
1,3-Dichloropropane	ND	1.0	0.22	ug/L	07/10/14	RM	SW8260	
1,4-Dichlorobenzene	ND	5.0	0.19	ug/L	07/10/14	RM	SW8260	
2,2-Dichloropropane	ND	1.0	0.16	ug/L	07/10/14	RM	SW8260	
2-Chlorotoluene	ND	1.0	0.23	ug/L	07/10/14	RM	SW8260	
2-Hexanone	ND	1.0	0.27	ug/L	07/10/14	RM	SW8260	
2-Isopropyltoluene	ND	1.0	0.21	ug/L	07/10/14	RM	SW8260	1
4-Chlorotoluene	ND	1.0	0.16	ug/L	07/10/14	RM	SW8260	
4-Methyl-2-pentanone	ND	1.0	0.19	ug/L	07/10/14	RM	SW8260	

Project ID: 108 FROST ST., BROOKLYN
Client ID: TRIP BLANK

Phoenix I.D.: BG72580

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Acetone	1.7	JBS	5.0	0.31	ug/L	07/10/14	RM	SW8260	B*
Acrolein	ND		5.0	0.95	ug/L	07/10/14	RM	SW8260	
Acrylonitrile	ND		5.0	0.17	ug/L	07/10/14	RM	SW8260	
Benzene	ND		0.70	0.19	ug/L	07/10/14	RM	SW8260	
Bromobenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
Bromochloromethane	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
Bromodichloromethane	ND		1.0	0.16	ug/L	07/10/14	RM	SW8260	
Bromoform	ND		5.0	0.10	ug/L	07/10/14	RM	SW8260	
Bromomethane	ND		5.0	0.25	ug/L	07/10/14	RM	SW8260	
Carbon Disulfide	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
Carbon tetrachloride	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Chlorobenzene	ND		5.0	0.20	ug/L	07/10/14	RM	SW8260	
Chloroethane	ND		5.0	0.24	ug/L	07/10/14	RM	SW8260	
Chloroform	ND		5.0	0.22	ug/L	07/10/14	RM	SW8260	
Chloromethane	ND		5.0	0.21	ug/L	07/10/14	RM	SW8260	
cis-1,2-Dichloroethene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
cis-1,3-Dichloropropene	ND		0.40	0.15	ug/L	07/10/14	RM	SW8260	
Dibromochloromethane	ND		1.0	0.15	ug/L	07/10/14	RM	SW8260	
Dibromomethane	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Dichlorodifluoromethane	ND		1.0	0.26	ug/L	07/10/14	RM	SW8260	
Ethylbenzene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Hexachlorobutadiene	ND		0.50	0.13	ug/L	07/10/14	RM	SW8260	
Isopropylbenzene	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
m&p-Xylene	ND		1.0	0.42	ug/L	07/10/14	RM	SW8260	
Methyl ethyl ketone	ND		1.0	0.50	ug/L	07/10/14	RM	SW8260	
Methyl t-butyl ether (MTBE)	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
Methylene chloride	ND		3.0	0.16	ug/L	07/10/14	RM	SW8260	
Naphthalene	ND		1.0	0.19	ug/L	07/10/14	RM	SW8260	
n-Butylbenzene	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
n-Propylbenzene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
o-Xylene	ND		1.0	0.45	ug/L	07/10/14	RM	SW8260	
p-Isopropyltoluene	ND		1.0	0.21	ug/L	07/10/14	RM	SW8260	
sec-Butylbenzene	ND		1.0	0.22	ug/L	07/10/14	RM	SW8260	
Styrene	ND		1.0	0.41	ug/L	07/10/14	RM	SW8260	
tert-Butylbenzene	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Tetrachloroethene	ND		1.0	0.24	ug/L	07/10/14	RM	SW8260	
Tetrahydrofuran (THF)	ND		5.0	0.51	ug/L	07/10/14	RM	SW8260	1
Toluene	ND		1.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,2-Dichloroethene	ND		5.0	0.20	ug/L	07/10/14	RM	SW8260	
trans-1,3-Dichloropropene	ND		0.40	0.14	ug/L	07/10/14	RM	SW8260	
trans-1,4-dichloro-2-butene	ND		1.0	0.45	ug/L	07/10/14	RM	SW8260	
Trichloroethene	ND		1.0	0.18	ug/L	07/10/14	RM	SW8260	
Trichlorofluoromethane	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Trichlorotrifluoroethane	ND		1.0	0.23	ug/L	07/10/14	RM	SW8260	
Vinyl chloride	ND		1.0	0.14	ug/L	07/10/14	RM	SW8260	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102				%	07/10/14	RM	70 - 121 %	
% Bromofluorobenzene	95				%	07/10/14	RM	59 - 113 %	
% Dibromofluoromethane	95				%	07/10/14	RM	70 - 130 %	

Project ID: 108 FROST ST., BROOKLYN
Client ID: TRIP BLANK

Phoenix I.D.: BG72580

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Toluene-d8	102			%	07/10/14	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.
B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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
July 29, 2014
Reviewed and Released by: Tina Covensky

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

July 29, 2014

QA/QC Data

SDG I.D.: GBG72576

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 279518, QC Sample No: BG72576 (BG72576, BG72577, BG72578, BG72579)													
Antimony (Dissolved)	BRL	<0.003	<0.005	NC	113	114	0.9	114	118	3.4	75 - 125	20	
Selenium (Dissolved)	BRL	<0.004	0.004 B	NC	116	114	1.7	98.1	99.5	1.4	75 - 125	20	
Thallium (Dissolved)	BRL	<0.001	<0.005	NC	112	110	1.8	90.6	95.4	5.2	75 - 125	20	
QA/QC Batch 279511, QC Sample No: BG72579 (BG72576, BG72577, BG72578, BG72579)													
ICP Metals - Dissolved													
Aluminum	BRL	2.03	2.29	12.0	111	112	0.9	>130	>130	NC	80 - 120	20	m
Arsenic	BRL	0.003	0.003	NC	106	106	0.0	101	106	4.8	80 - 120	20	
Barium	BRL	0.134	0.144	7.20	115	115	0.0	101	106	4.8	80 - 120	20	
Beryllium	BRL	<0.001	<0.001	NC	106	108	1.9	102	107	4.8	80 - 120	20	
Cadmium	BRL	<0.004	<0.004	NC	107	106	0.9	96.0	100	4.1	80 - 120	20	
Calcium	BRL	80.3	82.4	2.60	112	113	0.9	NC	NC	NC	80 - 120	20	
Chromium	BRL	0.003	0.002	NC	109	108	0.9	98.8	104	5.1	80 - 120	20	
Cobalt	BRL	0.001	0.002	NC	111	110	0.9	97.9	103	5.1	80 - 120	20	
Copper	BRL	0.004	0.006	NC	111	111	0.0	95.4	100	4.7	80 - 120	20	
Iron	BRL	1.52	2.22	37.4	110	110	0.0	>130	>130	NC	80 - 120	20	m,r
Lead	BRL	0.011	0.019	53.3	109	109	0.0	94.8	100	5.3	80 - 120	20	r
Magnesium	BRL	33.4	34.4	2.90	110	110	0.0	NC	NC	NC	80 - 120	20	
Manganese	BRL	3.64	3.68	1.10	109	108	0.9	84.0	87.7	4.3	80 - 120	20	
Nickel	BRL	0.002	0.003	NC	111	111	0.0	97.4	102	4.6	80 - 120	20	
Potassium	BRL	6.0	6.3	4.90	110	112	1.8	95.1	97.5	2.5	80 - 120	20	
Silver	BRL	<0.005	<0.005	NC	103	103	0.0	86.8	84.2	3.0	80 - 120	20	
Sodium	BRL	50.9	52.1	2.30	109	111	1.8	NC	NC	NC	80 - 120	20	
Vanadium	BRL	0.004	0.005	NC	108	109	0.9	101	106	4.8	80 - 120	20	
Zinc	BRL	0.014	0.016	NC	107	107	0.0	98.9	103	4.1	80 - 120	20	
QA/QC Batch 279555, QC Sample No: BG72719 (BG72576, BG72577, BG72578, BG72579)													
Mercury (Dissolved)	BRL	<0.0002	<0.0003	NC	93.2	87.7	6.1	89.2	86.6	3.0	75 - 125	20	

m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

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NY # 11301

QA/QC Report

July 29, 2014

QA/QC Data

SDG I.D.: GBG72576

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 279539, QC Sample No: BG72576 (BG72576, BG72577, BG72578, BG72579)									
Pesticides - Ground Water									
4,4' -DDD	ND	79	82	3.7				30 - 150	20
4,4' -DDE	ND	85	89	4.6				50 - 150	20
4,4' -DDT	ND	80	84	4.9				30 - 150	27
a-BHC	ND	91	91	0.0				30 - 150	20
a-Chlordane	ND	89	97	8.6				30 - 150	20
Alachlor	ND	NA	NA	NC				30 - 150	20
Aldrin	ND	81	82	1.2				30 - 150	22
b-BHC	ND	91	96	5.3				30 - 150	20
Chlordane	ND	88	93	5.5				30 - 150	20
d-BHC	ND	64	67	4.6				30 - 150	20
Dieldrin	ND	90	93	3.3				30 - 130	18
Endosulfan I	ND	90	95	5.4				30 - 150	20
Endosulfan II	ND	88	91	3.4				30 - 150	20
Endosulfan sulfate	ND	78	82	5.0				50 - 120	20
Endrin	ND	92	94	2.2				50 - 120	21
Endrin aldehyde	ND	93	96	3.2				30 - 150	20
Endrin ketone	ND	85	85	0.0				30 - 150	20
g-BHC	ND	87	91	4.5				50 - 120	15
g-Chlordane	ND	88	93	5.5				30 - 130	20
Heptachlor	ND	92	94	2.2				30 - 150	20
Heptachlor epoxide	ND	90	93	3.3				50 - 150	20
Methoxychlor	ND	84	83	1.2				30 - 150	20
Toxaphene	ND	NA	NA	NC				30 - 150	20
% DCBP	98	95	100	5.1				30 - 150	20
% TCMX	97	99	103	4.0				30 - 150	20

Comment:

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

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 279540, QC Sample No: BG72576 (BG72576, BG72577, BG72578, BG72579)									
Polychlorinated Biphenyls - Ground Water									
PCB-1016	ND	91	93	2.2				30 - 120	20
PCB-1221	ND							30 - 150	20
PCB-1232	ND							30 - 150	20
PCB-1242	ND							30 - 150	20
PCB-1248	ND							30 - 150	20
PCB-1254	ND							30 - 150	20
PCB-1260	ND	93	93	0.0				30 - 150	20
PCB-1262	ND							30 - 150	20
PCB-1268	ND							30 - 150	20
% DCBP (Surrogate Rec)	96	75	79	5.2				30 - 150	20
% TCMX (Surrogate Rec)	88	94	95	1.1				30 - 150	20

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
QA/QC Batch 279506, QC Sample No: BG72576 (BG72576, BG72577, BG72578, BG72579)										
Semivolatiles - Ground Water										
1,2,4,5-Tetrachlorobenzene	ND	90	87	3.4				30 - 130	20	
1,2,4-Trichlorobenzene	NR	88	84	4.7				30 - 130	20	
1,2-Dichlorobenzene	NR	80	76	5.1				30 - 130	20	
1,2-Diphenylhydrazine	NR	91	85	6.8				30 - 130	20	
1,3-Dichlorobenzene	NR	80	76	5.1				30 - 130	20	
1,4-Dichlorobenzene	NR	78	74	5.3				30 - 130	20	
2,4,5-Trichlorophenol	ND	103	101	2.0				30 - 130	20	
2,4,6-Trichlorophenol	ND	98	96	2.1				30 - 130	20	
2,4-Dichlorophenol	ND	89	87	2.3				30 - 130	20	
2,4-Dimethylphenol	ND	57	58	1.7				30 - 130	20	
2,4-Dinitrophenol	NR	117	114	2.6				30 - 130	20	
2,4-Dinitrotoluene	NR	92	87	5.6				30 - 130	20	
2,6-Dinitrotoluene	NR	93	89	4.4				30 - 130	20	
2-Chloronaphthalene	NR	91	87	4.5				30 - 130	20	
2-Chlorophenol	ND	80	76	5.1				30 - 130	20	
2-Methylnaphthalene	ND	83	80	3.7				30 - 130	20	
2-Methylphenol (o-cresol)	NR	79	75	5.2				30 - 130	20	
2-Nitroaniline	NR	131	95	31.9				30 - 130	20	l,r
2-Nitrophenol	ND	87	84	3.5				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	NR	79	75	5.2				30 - 130	20	
3,3'-Dichlorobenzidine	NR	>200	<10	NC				30 - 130	20	l
3-Nitroaniline	NR	>200	137	NC				30 - 130	20	l
4,6-Dinitro-2-methylphenol	NR	110	103	6.6				30 - 130	20	
4-Bromophenyl phenyl ether	NR	94	94	0.0				30 - 130	20	
4-Chloro-3-methylphenol	ND	90	87	3.4				30 - 130	20	
4-Chloroaniline	NR	87	17	134.6				30 - 130	20	l,r
4-Chlorophenyl phenyl ether	NR	92	87	5.6				30 - 130	20	
4-Nitroaniline	NR	90	85	5.7				30 - 130	20	
4-Nitrophenol	ND	94	100	6.2				30 - 130	20	
Acenaphthene	ND	85	82	3.6				30 - 130	20	
Acenaphthylene	ND	84	80	4.9				30 - 130	20	
Acetophenone	NR	85	81	4.8				30 - 130	20	
Aniline	NR	57	75	27.3				30 - 130	20	r
Anthracene	ND	88	85	3.5				30 - 130	20	
Benz(a)anthracene	ND	135	85	45.5				30 - 130	20	l,r
Benzidine	NR	>200	<10	NC				30 - 130	20	l
Benzo(a)pyrene	ND	92	120	26.4				30 - 130	20	r
Benzo(b)fluoranthene	ND	118	106	10.7				30 - 130	20	
Benzo(ghi)perylene	ND	87	114	26.9				30 - 130	20	r
Benzo(k)fluoranthene	ND	64	94	38.0				30 - 130	20	r
Benzoic acid	NR	64	83	25.9				30 - 130	20	r
Benzyl butyl phthalate	NR	134	86	43.6				30 - 130	20	l,r
Bis(2-chloroethoxy)methane	NR	84	76	10.0				30 - 130	20	
Bis(2-chloroethyl)ether	ND	75	92	20.4				30 - 130	20	
Bis(2-chloroisopropyl)ether	NR	76	71	6.8				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	140	88	45.6				30 - 130	20	l,r
Carbazole	NR	>200	163	NC				30 - 130	20	l
Chrysene	ND	139	87	46.0				30 - 130	20	l,r

QA/QC Data

SDG I.D.: GBG72576

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibenz(a,h)anthracene	ND	87	122	33.5				30 - 130	20	r
Dibenzofuran	ND	88	84	4.7				30 - 130	20	
Diethyl phthalate	NR	91	88	3.4				30 - 130	20	
Dimethylphthalate	NR	91	88	3.4				30 - 130	20	
Di-n-butylphthalate	NR	96	91	5.3				30 - 130	20	
Di-n-octylphthalate	NR	142	93	41.7				30 - 130	20	l,r
Fluoranthene	ND	94	88	6.6				30 - 130	20	
Fluorene	ND	89	85	4.6				30 - 130	20	
Hexachlorobenzene	ND	90	88	2.2				30 - 130	20	
Hexachlorobutadiene	ND	86	82	4.8				30 - 130	20	
Hexachlorocyclopentadiene	NR	63	67	6.2				30 - 130	20	
Hexachloroethane	ND	79	76	3.9				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	86	117	30.5				30 - 130	20	r
Isophorone	NR	89	84	5.8				30 - 130	20	
Naphthalene	ND	80	77	3.8				30 - 130	20	
Nitrobenzene	ND	80	77	3.8				30 - 130	20	
N-Nitrosodimethylamine	ND	67	67	0.0				30 - 130	20	
N-Nitrosodi-n-propylamine	NR	78	76	2.6				30 - 130	20	
N-Nitrosodiphenylamine	NR	114	85	29.1				30 - 130	20	r
Pentachloronitrobenzene	ND	96	94	2.1				30 - 130	20	
Pentachlorophenol	ND	111	113	1.8				30 - 130	20	
Phenanthrene	ND	88	86	2.3				30 - 130	20	
Phenol	ND	73	65	11.6				30 - 130	20	
Pyrene	ND	97	90	7.5				30 - 130	20	
Pyridine	ND	32	31	3.2				30 - 130	20	
% 2,4,6-Tribromophenol	100	90	89	1.1				19 - 122	20	
% 2-Fluorobiphenyl	97	84	81	3.6				30 - 115	20	
% 2-Fluorophenol	98	66	63	4.7				25 - 121	20	
% Nitrobenzene-d5	127	78	75	3.9				23 - 120	20	
% Phenol-d5	94	70	66	5.9				24 - 113	20	
% Terphenyl-d14	102	88	99	11.8				18 - 137	20	
QA/QC Batch 279585, QC Sample No: BG72580 (BG72576, BG72577, BG72578, BG72579, BG72580)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	110	99	10.5	103	112	8.4	70 - 130	30	
1,1,1-Trichloroethane	ND	103	94	9.1	111	111	0.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	115	102	12.0	83	100	18.6	70 - 130	30	
1,1,2-Trichloroethane	ND	107	93	14.0	84	109	25.9	70 - 130	30	
1,1-Dichloroethane	ND	104	95	9.0	94	98	4.2	70 - 130	30	
1,1-Dichloroethene	ND	101	91	10.4	89	97	8.6	70 - 130	30	
1,1-Dichloropropene	ND	101	90	11.5	99	100	1.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	107	97	9.8	83	106	24.3	70 - 130	30	
1,2,3-Trichloropropane	ND	109	96	12.7	92	107	15.1	70 - 130	30	
1,2,4-Trichlorobenzene	ND	105	94	11.1	87	104	17.8	70 - 130	30	
1,2,4-Trimethylbenzene	ND	101	90	11.5	102	103	1.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	109	96	12.7	80	104	26.1	70 - 130	30	
1,2-Dibromoethane	ND	108	97	10.7	83	110	28.0	70 - 130	30	
1,2-Dichlorobenzene	ND	105	95	10.0	96	103	7.0	70 - 130	30	
1,2-Dichloroethane	ND	104	92	12.2	97	119	20.4	70 - 130	30	
1,2-Dichloropropane	ND	109	93	15.8	87	101	14.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	105	94	11.1	103	102	1.0	70 - 130	30	
1,3-Dichlorobenzene	ND	107	96	10.8	99	104	4.9	70 - 130	30	
1,3-Dichloropropane	ND	106	96	9.9	94	107	12.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBG72576

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,4-Dichlorobenzene	ND	103	93	10.2	95	101	6.1	70 - 130	30	
2,2-Dichloropropane	ND	84	75	11.3	103	102	1.0	70 - 130	30	
2-Chlorotoluene	ND	106	95	10.9	101	100	1.0	70 - 130	30	
2-Hexanone	ND	90	83	8.1	81	109	29.5	70 - 130	30	
2-Isopropyltoluene	ND	107	95	11.9	102	103	1.0	70 - 130	30	
4-Chlorotoluene	ND	104	92	12.2	98	100	2.0	70 - 130	30	
4-Methyl-2-pentanone	ND	104	92	12.2	85	119	33.3	70 - 130	30	r
Acetone	1.0 JBS	136	81	50.7	67	97	36.6	70 - 130	30	l,m,r
Acrolein	ND	98	87	11.9	75	105	33.3	70 - 130	30	r
Acrylonitrile	ND	107	94	12.9	77	90	15.6	70 - 130	30	
Benzene	ND	108	95	12.8	95	99	4.1	70 - 130	30	
Bromobenzene	ND	104	93	11.2	93	98	5.2	70 - 130	30	
Bromochloromethane	ND	104	94	10.1	86	101	16.0	70 - 130	30	
Bromodichloromethane	ND	111	98	12.4	94	112	17.5	70 - 130	30	
Bromoform	ND	108	99	8.7	95	116	19.9	70 - 130	30	
Bromomethane	ND	127	112	12.6	86	125	37.0	70 - 130	30	r
Carbon Disulfide	ND	103	93	10.2	89	96	7.6	70 - 130	30	
Carbon tetrachloride	ND	101	90	11.5	112	112	0.0	70 - 130	30	
Chlorobenzene	ND	105	94	11.1	100	102	2.0	70 - 130	30	
Chloroethane	ND	100	89	11.6	91	106	15.2	70 - 130	30	
Chloroform	ND	106	96	9.9	100	108	7.7	70 - 130	30	
Chloromethane	ND	94	84	11.2	106	116	9.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	107	97	9.8	91	97	6.4	70 - 130	30	
cis-1,3-Dichloropropene	ND	108	95	12.8	89	107	18.4	70 - 130	30	
Dibromochloromethane	ND	113	101	11.2	97	114	16.1	70 - 130	30	
Dibromomethane	ND	109	95	13.7	89	112	22.9	70 - 130	30	
Dichlorodifluoromethane	ND	75	69	8.3	97	101	4.0	70 - 130	30	l
Ethylbenzene	ND	105	95	10.0	108	102	5.7	70 - 130	30	
Hexachlorobutadiene	ND	104	94	10.1	95	104	9.0	70 - 130	30	
Isopropylbenzene	ND	103	92	11.3	105	99	5.9	70 - 130	30	
m&p-Xylene	ND	104	95	9.0	108	104	3.8	70 - 130	30	
Methyl ethyl ketone	ND	107	93	14.0	81	116	35.5	70 - 130	30	r
Methyl t-butyl ether (MTBE)	ND	107	95	11.9	78	105	29.5	70 - 130	30	
Methylene chloride	ND	104	94	10.1	74	93	22.8	70 - 130	30	
Naphthalene	ND	109	97	11.7	84	106	23.2	70 - 130	30	
n-Butylbenzene	ND	98	88	10.8	98	103	5.0	70 - 130	30	
n-Propylbenzene	ND	99	87	12.9	103	99	4.0	70 - 130	30	
o-Xylene	ND	109	97	11.7	109	108	0.9	70 - 130	30	
p-Isopropyltoluene	ND	103	91	12.4	100	102	2.0	70 - 130	30	
sec-Butylbenzene	ND	105	93	12.1	100	99	1.0	70 - 130	30	
Styrene	ND	110	98	11.5	104	109	4.7	70 - 130	30	
tert-Butylbenzene	ND	104	92	12.2	102	101	1.0	70 - 130	30	
Tetrachloroethene	ND	99	91	8.4	109	102	6.6	70 - 130	30	
Tetrahydrofuran (THF)	ND	106	97	8.9	82	114	32.7	70 - 130	30	r
Toluene	ND	106	93	13.1	97	102	5.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	105	96	9.0	91	92	1.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	109	96	12.7	89	113	23.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	105	93	12.1	78	98	22.7	70 - 130	30	
Trichloroethene	ND	104	93	11.2	100	103	3.0	70 - 130	30	
Trichlorofluoromethane	ND	86	82	4.8	102	109	6.6	70 - 130	30	
Trichlorotrifluoroethane	ND	91	84	8.0	86	90	4.5	70 - 130	30	
Vinyl chloride	ND	94	86	8.9	95	108	12.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	101	101	0.0	97	101	4.0	70 - 121	30	

QA/QC Data

SDG I.D.: GBG72576

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	93	97	99	2.0	105	105	0.0	59 - 113	30
% Dibromofluoromethane	96	103	101	2.0	85	96	12.2	70 - 130	30
% Toluene-d8	101	102	99	3.0	97	100	3.0	84 - 138	30

Comment:

A blank MS/MSD was analyzed with this batch.

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
July 29, 2014

Sample Criteria Exceedences Report

GBG72576 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG72576	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG72576	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72576	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72576	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BG72576	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BG72576	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG72576	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.49	0.01	0.1	0.1	mg/L
BG72576	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.72	0.01	0.3	0.3	mg/L
BG72576	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.52	0.053	0.3	0.3	mg/L
BG72576	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	50.1	0.11	20	20	mg/L
BG72577	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG72577	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72577	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72577	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.07	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.07	0.02	0.002	0.002	ug/L
BG72577	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BG72577	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG72577	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.45	0.01	0.1	0.1	mg/L
BG72577	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.38	0.01	0.3	0.3	mg/L
BG72577	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.77	0.005	0.3	0.3	mg/L
BG72577	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	35.0	0.11	20	20	mg/L
BG72578	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG72578	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L

Sample Criteria Exceedences Report

GBG72576 - EBC

Criteria: NY: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BG72578	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72578	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BG72578	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BG72578	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG72578	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.33	0.01	0.1	0.1	mg/L
BG72578	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.48	0.01	0.3	0.3	mg/L
BG72578	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.994	0.005	0.3	0.3	mg/L
BG72579	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG72579	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72579	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72579	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.04	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.04	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.05	0.02	0.002	0.002	ug/L
BG72579	$DP8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
BG72579	$DPPEST_GA	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	0.20	0.06	0.06	ug/L
BG72579	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	2.03	0.11	0.1	0.1	mg/L
BG72579	DFE-WMDP	Iron, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.52	0.11	0.3	0.3	mg/L
BG72579	DMN-WMDP	Manganese, (Dissolved)	NY / TOGS - Water Quality / GA Criteria	3.64	0.053	0.3	0.3	mg/L
BG72579	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	50.9	0.11	20	20	mg/L
BG72580	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BG72580	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BG72580	$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

GBG72576 - 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

July 29, 2014

SDG I.D.: GBG72576

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

Cooler: Yes ☐ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp °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: cgasik@ebcinc.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge NY
Project: 108 Frost Street, Brooklyn
Report to: EBC
Invoice to:
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Chen Zhuyin Date: 7-9-14

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

Analysis Request: VOCs 8260 | SVOCs 8270 | PCBs / Pest | TAL Metal Disolved

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ]	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ]	GL Amber 1000ml [ ]	PL As is [ ]	PL H2SO4 [ ]	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
72576	MW1	GW	7-9	900				3	3	1				
72577	MW2			930				3	3	1				
72578	MW3			1000				3	3	1				
72579	GW Duplicate			1020				3	3	1				
72580	Trip blank	TB						2						

Relinquished by:	Accepted by:	Date:	Time:
		7-10-14	12:10
		7-10-14	16:16

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
☑ TAGM 4046 GW
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

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

Data Package
☐ NJ Reduced Deliv. *
☑ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY