1019-1033 FULTON STREET

BROOKLYN, NEW YORK 11238

Remedial Investigation Report

NYC VCP Site Number: TBD

OER Site Number: 15EH-N493K

Prepared for:

Big Apple Developers
770 Middle Neck Road, Suite 4P
Great Neck, New York 11024

Prepared by:

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ENVIRONMENTAL BUSINESS CONSULTANTS

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OCTOBER 2015

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LIST OF ACRONYMS

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

CERTIFICATION

I, Kimberly Somers, 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 1019-1033 Fulton Street, Brooklyn, NY, (OER Project Number 15EH-N493K). 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.

Kimberly Somers	10/5/2015	Kimberly Somers
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 1019-1033 Fulton Street in the Clinton Hill section of Brooklyn, New York, and is currently identified as Block 1991, Lots 1-7 and 106 on the New York City Tax Map. Figure 1 shows the Site location. The lots are contiguous consisting of 142.25 feet of street frontage along Fulton Street and 83.42 feet of street frontage along Downing Street for a total of approximately 7,524 square feet (sf). The Site is located on the north side of Fulton Street and the east side of Downing Street and is bordered by a multi-family residential building to the west (1017 Fulton Street); and a one-story commercial/office building (1826 Putnam Avenue) and a two-story transportation/utility building (28 Putnam Avenue) to the north. A map of the site boundary is shown on Figure 2.

The Site currently is undeveloped vacant land.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 8-story mixed-use building with a cellar the full size of the building footprint. The building and cellar footprint will encompass the entire site. The cellar will contain a storage area for the first floor retail use, a 1,530 sf residential recreation room, a bicycle storage room, a gas meter room, two cable rooms, an electric meter room, a water meter and fire pump room, a trash compactor room, an elevator, and stairwell. The first floor will consist of a 6,087 sf retail space and a 1,233 sf residential vestibule with a stairwell and elevator. The second through sixth floors will consist of residential apartments. The seventh and eights floors will consist of residential apartments and two private terraces.

The cellar level will require excavation to a depth of approximately 12 feet below grade across the entire lot, with an additional excavation to approximately 17 feet for the building's elevator pit. An estimated 3,344 cubic yards (5,016 tons) of soil will require excavation for the new

building's cellar. The building will not be equipped with any parking areas. The water table is present at a depth of approximately 60 feet below grade, and therefore will not be encountered during excavation.

Layout of the redevelopment plans for the cellar and first floor is presented in Figure 3. The current zoning designation is R7A with a C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

A Phase I Environmental Site Assessment was conducted by Environmental Project Data Statements Company in November of 2012. The Site History was investigated and is as follows:

The Site was developed in the 1887 with a 2- or 3-story buildings occupied by retail stores. The buildings were unspecified retail stores, residential dwellings, and unspecified commercial uses. These buildings were demolished between 1969 and 1981, except the building at 1027 Fulton Street, which was demolished between 1993 and 1995. On Lot 1 from 2003 to 2007 a small 1-story auto repair garage was identified.

Based upon reconnaissance of the subject site and surrounding properties the following Recognized Environmental Conditions (RECs) were identified for the property:

- Lot 1 being occupied by an auto repair shop from 2003 to 2007.
- Adjoining property Lot 19 was utilized as an auto repair shop and a machine shop.

The following environmental issue was identified for the Site:

The properties at 1019-1033 Fulton Street have been assigned an E-designation (E-183) for Hazmat and Noise, as part of the Fort Greene/Clinton Hills rezoning and related actions completed by the City in July 2007 (CEQR 07DCP066K0).

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

1. The historic usage of the eastern portion of the Site as an auto repair shop; and

2. The Site is identified as being assigned an E-designation (E-183) for Hazmat and Noise, as part of the Fort Greene/Clinton Hills rezoning and related actions completed by the City in July 2007 (CEQR 07DCP066K0).

Summary of the Work Performed under the Remedial Investigation

EBC performed the following scope of work at the Site in August 2015:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed seven soil borings across the Site, and collected 14 soil samples for chemical analysis from the soil borings; and
3. Installed five soil gas implants and collected five soil gas samples for chemical analysis.

Summary of Environmental Findings

1. The elevation of the Site is approximately 80 feet.
2. Depth to groundwater is estimated to be approximately 60 feet below sidewalk grade.
3. Groundwater flow is generally northeast, based on a review of topographical maps.
4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site consists of 1 to 7 feet of historic fill, underlain by native brown gravelly sand.
6. Soil/fill samples results were compared to New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill results showed no PCBs in any sample. Trace concentrations of several VOCs were detected and one VOC, methyl ethyl ketone was detected above Unrestricted Use SCOs in the trip blank. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected, with benz(a)anthracene (max. of 22,000 µg/kg), benzo(a)pyrene (max. of 19,000 µg/kg), benzo(b)fluoranthene (max. of 17,000 µg/kg), benzo(k)fluoranthene (max. of 16,000 µg/kg), chrysene (max. of 24,000 µg/kg), dibenz(a,h)anthracene (max. of 4,200 µg/kg), and indeno(1,2,3-cd)pyrene (max. of 14,000 µg/kg) exceeding Restricted Residential Use SCOs within five of the seven shallow soil samples and one of the deeper soil samples. Several pesticides including

4,4'-DDD (max. of 38 µg/kg), 4,4'-DDE (max. of 25 µg/kg), 4,4'-DDT (max. of 110 µg/kg), dieldrin (max. of 18 µg/kg), and endrin (max. of 19 µg/kg) exceeded Unrestricted Use SCOs. Several metals including barium (max. of 524 mg/kg), chromium (max of 37.3 mg/kg), lead (max. of 675 mg/kg), mercury (max. of 2.81 mg/kg), nickel (max. of 40.6 mg/kg), and zinc (max. of 383 mg/kg) exceeded Unrestricted Use SCOs. Barium and lead exceeded Restricted Residential use SCOs in two shallow samples and mercury exceeded Restricted Residential Use SCOs in one deeper sample. Overall, the soil results were consistent with data identified at sites with urban fill material in NYC.

7. Several attempts were made to install groundwater wells at the Site. Refusal consisting of a thick rock layer was repeatedly encountered at 20 ft below grade. The groundwater table was not encountered.
8. Soil vapor samples collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples collected during the RI showed moderate levels of petroleum-related VOCs and chlorinated VOCs. The total concentration of petroleum-related VOCs (BTEX) ranged from 21.59 $\mu g/m^3$ to 150.93 $\mu g/m^3$. Highest concentrations were detected for acetone (max. of 4,510 $\mu g/m^3$). The chlorinated VOCs, trichloroethylene (TCE) was detected in four of the five soil gas samples at a maximum concentration of 1.37 $\mu g/m^3$, and carbon tetrachloride was detected in three of the five samples with a maximum concentration of 0.41 $\mu g/m^3$. Tetrachloroethylene (PCE) and 1,1,1-trichloroethane (TCA) were detected in all five soil gas samples with a maximum concentration of 84.1 $\mu g/m^3$ and 6.6 $\mu g/m^3$, respectively. Concentrations of TCA and Tetrachloroethene were above the monitoring level ranges established within the NYSDOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Big Apple Developers has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.17-acre Site located at 1019-1033 Fulton Street in the Clinton Hill section of Brooklyn, New York. The Site will be redeveloped with a new 8-story mixed-use building with a cellar the full size of the building footprint. The portion of the RI work conducted on the Site was conducted on August 3rd and 4th, 2015. 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 1019-1033 Fulton Street in the Clinton Hill section of Brooklyn, New York, and is currently identified as Block 1991, Lots 1-7 and 106 on the New York City Tax Map. Figure 1 shows the Site location. The lots are contiguous consisting of 142.25 feet of street frontage along Fulton Street and 83.42 feet of street frontage along Downing Street for a total of approximately 7,524 square feet (sf). The Site is located on the north side of Fulton Street and the east side of Downing Street and is bordered by a multi-family residential building to the west (1017 Fulton Street); and a one-story commercial/office building (1826 Putnam Avenue) and a two-story transportation/utility building (28 Putnam Avenue) to the north. A map of the site boundary is shown on Figure 2.

The Site currently is undeveloped vacant land.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 8-story mixed-use building with a cellar the full size of the building footprint. The building and cellar footprint will encompass the entire site. The cellar will contain a storage area for the first floor retail use, a 1,530 sf residential recreation room, a bicycle storage room, a gas meter room, two cable rooms, an electric meter room, a water meter and fire pump room, a trash compactor room, an elevator, and stairwell. The

first floor will consist of a 6,087 sf retail space and a 1,233 sf residential vestibule with a stairwell and elevator. The second through sixth floors will consist of residential apartments. The seventh and eights floors will consist of residential apartments and two private terraces.

The cellar level will require excavation to a depth of approximately 12 feet below grade across the entire lot, with an additional excavation to approximately 17 feet for the building's elevator pit. An estimated 3,344 cubic yards (5,016 tons) of soil will require excavation for the new building's cellar. The building will not be equipped with any parking areas. The water table is present at a depth of approximately 60 feet below grade, and therefore will not be encountered during excavation.

Layout of the redevelopment plans for the cellar and first floor is presented in Figure 3. The current zoning designation is R7A with a C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area immediately surrounding Site consists of multi-family walk-ups to the west, a commercial building and a commercial garage to the north. 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 500 ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – *Adjacent Property*	Block 1991, Lot 16 (1826 Putnam Avenue) – developed with a one-story commercial building. Block 1991, Lot 19 (28 Putnam Avenue) – developed with a one to two-story transportation/utility building.
South – *Across Fulton Street*	Block 2015, Lots 10, 16, 17, 18 and 19 (982 Fulton Street) – an undeveloped parking lot.
East – *Across Downing Street*	Block 1992, Lot 12 (1037 Fulton Street) – undeveloped vacant lot.
West – *Adjacent property*	Block 5416, Lots 18, 20 and 21 (1017 Fulton Street) – developed with a three-story mixed-use apartment building.

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2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I Environmental Site Assessment was conducted by Environmental Project Data Statements Company in November of 2012. The Site History was investigated and is as follows:

The Site was developed sometime prior to 1887 with 2- or 3-story buildings. The buildings were unspecified retail stores, residential dwellings, and unspecified commercial uses. These buildings were demolished sometime between 1969 and 1981, except the building at 1027 Fulton Street, which was demolished between 1993 and 1995. On Lot 1 from 2003 to 2007 a small 1-story auto repair garage was identified.

2.2 Previous Investigations

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

2.3 Site Inspection

A site inspection was conducted by EBC in August 2015. The Site is presently undeveloped and partially paved. A gated area containing raised garden beds were observed in the eastern portion of the property.

2.4 Areas of Concern

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

1. The historic usage of the eastern portion of the Site as an auto repair shop.
2. The Site is identified as being assigned an E-designation (E-183) for Hazmat and Noise, as part of the Fort Greene/Clinton Hills rezoning and related actions completed by the City in July 2007 (CEQR 07DCP066K0).

Sanborn Maps identifying the location of the former auto repair shop at the Site are presented in Attachment A.

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3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Kimberly Somers.

3.2 Health and Safety

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

3.3 Materials Management

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

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4.0 REMEDIAL INVESTIGATION ACTIVITIES

EBC performed the following scope of work at the Site in August 2015:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed seven soil borings across the Site, and collected 14 soil samples for chemical analysis from the soil borings; and
3. Installed five soil gas implants and collected five soil gas samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment because the entire site will be excavated to 12 feet below grade as part of the redevelopment.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On August 3rd and 4th 2015, seven soil borings (B1 through B7) were installed in the approximate locations shown on Figure 5. The soil boring locations were chosen to gain representative soil quality information across the Site. Soil borings were collected continuously from grade to a final depth of 15 feet below existing grade using a four-foot steel macro core sampler, all with acetate liners and Geoprobe direct-push equipment. Refusal was detected at 13 ft bls in borings B1, B5 and 14 ft bls in B6. Soil recovered from each soil boring was field screened for the presence of VOCs with a photoionization detector (PID) and visually inspected for evidence of contamination. PID readings above background concentrations were detected in B5 at 48 ppm in the 6ft interval. Two soil samples were retained from each of the soil borings, representing the interval 0 to 2 feet below grade; the interval 11 to 13 feet below grade in borings B1, B2, and B5; and the interval 12 to 14 feet below grade in borings B3, B4, B6 and B7.

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

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Survey

Soil borings 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

Due to repeated refusal at approximately 20 ft bls, the groundwater table was not encountered and no water level measurements were collected.

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

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

Groundwater Sampling

Groundwater samples were not obtained during this investigation. Several attempts were made to collect groundwater samples across the site, drilling activities were terminated at depths ranging from 60 to 65 feet below grade. The groundwater table was not encountered.

Soil Vapor Sampling

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

The soil vapor probes 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 soil vapor probes installed on August 4, 2015 were installed to a depth of 14 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 five soil vapor probes installed on August 4, 2015, was conducted on August 7, 2015. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular

bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all three soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

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

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

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil and groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007);

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

Results of Chemical Analyses

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

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological Conditions

Stratigraphy

The stratigraphy of the Site surrounding the existing foundation slab from the surface down consists of 1 to 3 feet of historic fill, underlain by native brown silty sand.

5.2 Soil Chemistry

Soil/fill samples results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. No VOCs or PCBs were found exceeding Unrestricted Use or Restricted Residential SCOs. Data collected during the RI showed no PCBs and trace concentrations of several VOCs, but none above Unrestricted Use SOCs. One VOC, methyl ethyl ketone was detected above Unrestricted Use SCOs in trip blank. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected with benz(a)anthracene (max. of 22,000 µg/kg), benzo(a)pyrene (max. of 19,000 µg/kg), benzo(b)fluoranthene (max. of 17,000 µg/kg), benzo(k)fluoranthene (max. of 16,000 µg/kg), chrysene (max. of 24,000 µg/kg), dibenz(a,h)anthracene (max. of 4,200 µg/kg), and indeno(1,2,3-cd)pyrene (max. of 14,000 µg/kg) exceeding Restricted Residential Use SCOs within five of the seven shallow soil samples and one of the deeper soil samples. Several pesticides including 4,4'-DDD (max. of 38 µg/kg), 4,4'-DDE (max. of 25 µg/kg), 4,4'-DDT (max. of 110 µg/kg), dieldrin (max. of 18 µg/kg), and endrin (max. of 19 µg/kg) exceeded Unrestricted Use SCOs. Several metals including barium (max. of 524 mg/kg), chromium (max of 37.3 mg/kg), lead (max. of 675 mg/kg), mercury (max. of 2.81 mg/kg), nickel (max. of 40.6 mg/kg), and zinc (max. of 383 mg/kg) exceeded Unrestricted Use SCOs. Lead exceeded Restricted Residential use SCOs in two shallow samples and mercury exceeded Restricted Residential Use SCOs in one deeper sample. Overall, the soil results were consistent with data identified at sites with urban fill material in NYC.

5.3 Soil Vapor Chemistry

Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guidance Values derived by the New York State Department of Health (NYSDOH) located in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Soil

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vapor samples collected during the RI showed moderate levels of petroleum-related VOCs and chlorinated VOCs. The total concentration of petroleum-related VOCs (BTEX) ranged from 21.59 $\mu g/m^3$ to 150.93 $\mu g/m^3$. Highest concentrations were detected for acetone (max. of 4,510 $\mu g/m^3$). The chlorinated VOCs, trichloroethylene (TCE) was detected in four of the five soil gas samples at a maximum concentration of 1.37 $\mu g/m^3$, and carbon tetrachloride was detected in three of the five samples with a maximum concentration of 0.41 $\mu g/m^3$. Tetrachloroethylene (PCE) and 1,1,1-trichloroethane (TCA) were detected in all five soil gas samples with a maximum concentration of 84.1 $\mu g/m^3$ and 6.6 $\mu g/m^3$ respectively. Concentrations of TCA and Tetrachloroethene were above the monitoring level ranges established within the NYSDOH soil vapor guidance matrix.

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.

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TABLES

Table 1
1019-1033 Fulton Street
Brooklyn, NY
Soil Boring Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials
B1	8/4/2015	13	2	Hollow Stem Auger
B2	8/3/2015	13	2	Hollow Stem Auger
B3	8/3/2015	14	2	Hollow Stem Auger
B4	8/3/2015	14	2	Hollow Stem Auger
B5	8/3/2015	13	2	Hollow Stem Auger
B6	8/4/2015	14	2	Hollow Stem Auger
B7	8/3/2015	14	2	Hollow Stem Auger

TABLE 2
1019-1033 Fulton Street,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3				B4				B5				B6				B7				Trip Blank Low		Trip Blank High	
			(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			< 19	19	< 17	17	< 20	20	< 24	24	< 23	23	< 19	19	< 23	23	< 12	12	< 18	18	< 16	16	< 20	20	< 4.2	4.2	< 20	20	< 12	12	< 20	20	< 1000	1,000
1,1,1-Trichloroethane	680	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,1,2,2-Tetrachloroethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,1,2-Trichloroethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,1-Dichloroethane	270	26,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,1-Dichloroethene	330	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,1-Dichloropropene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2,3-Trichlorobenzene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2,3-Trichloropropane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2,4-Trichlorobenzene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2,4-Trimethylbenzene	3,600	52,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	**1.7**	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2-Dibromo-3-chloropropane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2-Dibromomethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2-Dichlorobenzene	1,100	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2-Dichloroethane	20	3,100	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,2-Dichloropropane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,3,5-Trimethylbenzene	8,400	52,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,3-Dichlorobenzene	2,400	4,900	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,3-Dichloropropane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,4-Dichlorobenzene	1,800	13,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
1,4-Dioxane			< 96	96	< 87	87	< 98	98	< 100	100	< 100	100	< 96	96	< 100	100	< 62	62	< 91	91	< 79	79	< 98	98	< 84	84	< 100	100	< 61	61	< 100	100	< 5000	5,000
2,2-Dichloropropane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
2-Chlorotoluene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
2-Hexanone (Methyl Butyl Ketone)			< 24	24	< 22	22	< 24	24	< 30	30	< 29	29	< 24	24	< 29	29	< 16	16	< 23	23	< 20	20	< 24	24	< 21	21	< 26	26	< 15	15	< 25	25	< 1300	1,300
2-Isopropyltoluene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
4-Chlorotoluene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
4-Methyl-2-Pentanone			< 24	24	< 22	22	< 24	24	< 30	30	< 29	29	< 24	24	< 29	29	< 16	16	< 23	23	< 20	20	< 24	24	< 21	21	< 26	26	< 15	15	< 25	25	< 1300	1,300
Acetone	50	100,000	< 48	48	< 43	43	< 49	49	< 50	50	< 50	50	< 48	48	**9.3**	50	< 31	31	< 46	46	< 39	39	< 49	49	< 42	42	**7.1**	50	< 31	31	< 50	50	< 2500	2,500
Acrolein			< 19	19	< 17	17	< 20	20	< 24	24	< 23	23	< 19	19	< 23	23	< 12	12	< 18	18	< 16	16	< 20	20	< 17	17	< 20	20	< 12	12	< 20	20	< 1000	1,000
Acrylonitrile			< 19	19	< 17	17	< 20	20	< 24	24	< 23	23	< 19	19	< 23	23	< 12	12	< 18	18	< 16	16	< 20	20	< 8.4	8.4	< 20	20	< 12	12	< 20	20	< 1000	1,000
Benzene	60	4,800	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Bromobenzene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Bromochloromethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Bromodichloromethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Bromoform			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Bromomethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Carbon Disulfide			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Carbon tetrachloride	760	2,400	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Chlorobenzene	1,100	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Chloroethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Chloroform	370	49,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Chloromethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
cis-1,2-Dichloroethene	250	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
cis-1,3-Dichloropropene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Dibromochloromethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Dibromomethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Dichlorodifluoromethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Ethylbenzene	1,000	41,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Hexachlorobutadiene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Isopropylbenzene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
m&p-Xylenes	260	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Methyl Ethyl Ketone (2-Butanone)	120	100,000	< 29	29	< 26	26	< 29	29	< 36	36	< 35	35	< 29	29	< 35	35	< 19	19	< 27	27	< 24	24	< 29	29	< 25	25	< 31	31	< 18	18	< 30	30	**250**	1,500
Methyl t-butyl ether (MTBE)	930	100,000	< 9.6	9.6	< 8.7	8.7	< 9.8	9.8	< 12	12	< 12	12	< 9.6	9.6	< 12	12	< 6.2	6.2	< 9.1	9.1	< 7.9	7.9	< 9.8	9.8	< 8.4	8.4	< 10	10	< 6.1	6.1	< 10	10	< 500	500
Methylene chloride	50	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Naphthalene	12,000	100,000	< 4.8	4.8	< 4.3	4.3	**63**	210	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	**1.9**	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	**3**	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
n-Butylbenzene	12,000	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
n-Propylbenzene	3,900	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
o-Xylene	260	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
p-Isopropyltoluene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
sec-Butylbenzene	11,000	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Styrene			< 4.8	4.8	< 4.3	4.3	**180**	210	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
tert-Butyl alcohol			< 96	96	< 87	87	< 98	98	< 120	120	< 120	120	< 96	96	< 120	120	< 62	62	< 91	91	< 79	79	< 98	98	< 84	84	< 100	100	< 61	61	< 100	100	< 5000	5,000
tert-Butylbenzene	5,900	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Tetrachloroethene	1,300	19,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Tetrahydrofuran (THF)			< 9.6	9.6	< 8.7	8.7	< 9.8	9.8	< 12	12	< 12	12	< 9.6	9.6	< 12	12	< 6.2	6.2	< 9.1	9.1	< 7.9	7.9	< 9.8	9.8	< 8.4	8.4	< 10	10	< 6.1	6.1	< 10	10	< 500	500
Toluene	700	100,000	< 4.8	4.8	< 4.3	4.3	**32**	210	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
trans-1,2-Dichloroethene	190	100,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
trans-1,3-Dichloropropene			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
trabs-1,4-dichloro-2-butene			< 9.6	9.6	< 8.7	8.7	< 9.8	9.8	< 12	12	< 12	12	< 9.6	9.6	< 12	12	< 6.2	6.2	< 9.1	9.1	< 7.9	7.9	< 9.8	9.8	< 8.4	8.4	< 10	10	< 6.1	6.1	< 10	10	< 500	500
Trichloroethene	470	21,000	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Trichlorofluoromethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Trichlorotrifluoroethane			< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Vinyl Chloride	20	900	< 4.8	4.8	< 4.3	4.3	< 4.9	4.9	< 5.9	5.9	< 5.8	5.8	< 4.8	4.8	< 5.8	5.8	< 3.1	3.1	< 4.6	4.6	< 3.9	3.9	< 4.9	4.9	< 4.2	4.2	< 5.1	5.1	< 3.1	3.1	< 5.0	5.0	< 250	250
Total BTEX Concentration			**0**		**0**		**32**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**	
Total VOCs Concentration			**0**		**0**		**275**		**0**		**0**		**0**		**12.9**		**0**		**0**		**0**		**0**		**0**		**10.1**		**0**		**0**		**250**	

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
1019-1033 Fulton Street,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives*	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3				B4				B5				B6				B7			
			(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
1,2,4-Trichlorobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
1,2-Dichlorobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
1,2-Diphenylhydrazine			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
1,3-Dichlorobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
1,4-Dichlorobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2,4,5-Trichlorophenol			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2,4,6-Trichlorophenol			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2,4-Dichlorophenol			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2,4-Dimethylphenol			< 250	250	**130**	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2,4-Dinitrophenol			< 720	720	< 710	710	< 690	690	< 760	760	< 720	720	< 700	700	< 730	730	< 670	670	< 720	720	< 660	660	< 720	720	< 670	670	< 730	730	< 660	660
2,4-Dinitrotoluene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2,6-Dinitrotoluene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2-Chloronaphthalene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2-Chlorophenol			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2-Methylnaphthalene			< 250	250	**2,000**	250	**190**	240	< 270	270	< 250	250	< 240	240	**140**	250	< 240	240	**130**	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2-Methylphenol (o-cresol)	330	100,000	< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
2-Nitroaniline			< 720	720	< 710	710	< 690	690	< 760	760	< 720	720	< 700	700	< 730	730	< 670	670	< 720	720	< 660	660	< 720	720	< 670	670	< 730	730	< 660	660
2-Nitrophenol			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
3&4-Methylphenol (m&p-cresol)	330	100,000	< 250	250	**190**	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
3,3'-Dichlorobenzidine			< 720	720	< 710	710	< 690	690	< 760	760	< 720	720	< 700	700	< 730	730	< 670	670	< 720	720	< 660	660	< 720	720	< 670	670	< 730	730	< 660	660
3-Nitroaniline			< 720	720	< 710	710	< 690	690	< 760	760	< 720	720	< 700	700	< 730	730	< 670	670	< 720	720	< 660	660	< 720	720	< 670	670	< 730	730	< 660	660
4,6-Dinitro-2-methylphenol			< 1800	1,800	< 1800	1,800	< 1700	1,700	< 1900	1,900	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700
4-Bromophenyl phenyl ether			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
4-Chloro-3-methylphenol			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
4-Chloroaniline			< 330	330	< 290	290	< 280	280	< 300	300	< 290	290	< 280	280	< 290	290	< 270	270	< 290	290	< 260	260	< 290	290	< 270	270	< 290	290	< 260	260
4-Chlorophenyl phenyl ether			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
4-Nitroaniline			< 720	720	< 710	710	< 690	690	< 760	760	< 720	720	< 700	700	< 730	730	< 670	670	< 720	720	< 660	660	< 720	720	< 670	670	< 730	730	< 660	660
4-Nitrophenol			< 720	720	< 360	360	< 350	350	< 380	380	< 360	360	< 350	350	< 360	360	< 340	340	< 360	360	< 330	330	< 360	360	< 340	340	< 360	360	< 330	330
Acenaphthene	20,000	100,000	< 250	250	**560**	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Acenaphthylene	100,000	100,000	< 250	250	**390**	250	**130**	240	< 270	270	**170**	250	< 240	240	**300**	250	< 240	240	**220**	250	< 230	230	**140**	250	< 240	240	< 260	260	< 230	230
Acetophenone			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Aniline			< 290	290	< 290	290	< 280	280	< 300	300	< 290	290	< 280	280	< 290	290	< 270	270	< 290	290	< 260	260	< 290	290	< 270	270	< 290	290	< 260	260
Anthracene	100,000	100,000	**280**	250	**11,000**	2,500	**1,800**	240	< 270	270	**310**	250	< 240	240	**600**	250	< 240	240	**720**	250	< 230	230	**270**	250	< 240	240	< 260	260	< 230	230
Benz(a)anthracene	1,000	1,000	**1,200**	250	**22,000**	2,500	**5,700**	240	< 270	270	**1,400**	250	< 240	240	**1,300**	250	< 240	240	**1,400**	250	< 230	230	**700**	250	**270**	240	**460**	260	< 230	230
Benzidine			< 720	720	< 710	710	< 690	690	< 760	760	< 720	720	< 700	700	< 730	730	< 670	670	< 720	720	< 660	660	< 720	720	< 670	670	< 730	730	< 660	660
Benzo(a)pyrene	1,000	1,000	**1,200**	250	**19,000**	2,500	**5,600**	240	< 270	270	**1,600**	250	< 240	240	**1,100**	250	< 240	240	**1,200**	250	< 230	230	**630**	250	**240**	240	**440**	260	< 230	230
Benzo(b)fluoranthene	1,000	1,000	**1,100**	250	**17,000**	2,500	**5,100**	240	< 270	270	**1,400**	250	< 240	240	**1,200**	250	< 240	240	**1,100**	250	< 230	230	**610**	250	**200**	240	**400**	260	< 230	230
Benzo(ghi)perylene	100,000	100,000	**760**	250	**12,000**	2,500	**3,700**	240	< 270	270	**1,400**	250	**320**	240	**870**	250	**190**	240	**790**	250	< 230	230	**440**	250	**170**	240	**450**	260	< 230	230
Benzo(k)fluoranthene	800	3,900	**1,000**	250	**16,000**	2,500	**4,400**	240	< 270	270	**1,300**	250	< 240	240	**1,100**	250	< 240	240	**1,000**	250	< 230	230	**570**	250	**200**	240	**370**	260	< 230	230
Benzoic acid			< 1800	1,800	< 1800	1,800	< 1700	1,700	< 1900	1,900	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700
Benzyl butyl phthalate			**100**	250	< 250	250	**100**	240	< 270	270	**900**	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Bis(2-chloroethoxy)methane			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Bis(2-chloroethyl)ether			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Bis(2-chloroisopropyl)ether			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Bis(2-ethylhexyl)phthalate			**400**	250	**580**	250	< 240	240	**280**	270	**400**	250	**360**	240	**170**	250	**480**	240	**240**	250	**100**	230	**140**	250	**180**	240	**160**	260	**110**	230
Carbazole			< 1800	1,800	**5,500**	1,800	**840**	1,700	< 1900	1,900	< 1800	1,800	< 1700	1,700	**300**	1,800	< 1700	1,700	**350**	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700	< 1800	1,800	< 1700	1,700
Chrysene	1,000	3,900	**1,400**	250	**24,000**	2,500	**6,800**	240	< 270	270	**1,700**	250	< 240	240	**1,500**	250	< 240	240	**1,500**	250	< 230	230	**780**	250	**290**	240	**570**	260	< 230	230
Dibenz(a,h)anthracene	330	330	**170**	250	**4,200**	250	**1,200**	240	< 270	270	**320**	250	< 240	240	**220**	250	< 240	240	**170**	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Dibenzofuran	7,000	59,000	< 250	250	**4,600**	250	**500**	240	< 270	270	< 250	250	< 240	240	**270**	250	< 240	240	**250**	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Diethyl phthalate			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Dimethylphthalate			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Di-n-butylphthalate			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Di-n-octylphthalate			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Fluoranthene	100,000	100,000	**2,500**	250	**59,000**	2,500	**13,000**	1,200	< 270	270	**2,700**	250	< 240	240	**2,900**	250	< 240	240	**3,600**	250	< 230	230	**1,600**	250	**480**	240	**860**	260	< 230	230
Fluorene	30,000	100,000	< 250	250	**6,000**	250	**810**	240	< 270	270	< 250	250	< 240	240	**130**	250	< 240	240	**220**	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Hexachlorobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Hexachlorobutadiene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Hexachlorocyclopentadiene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Hexachloroethane			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Indeno(1,2,3-cd)pyrene	500	500	**820**	250	**14,000**	2,500	**4,000**	240	< 270	270	**1,400**	250	**340**	240	**920**	250	**140**	240	**800**	250	< 230	230	**410**	250	**160**	240	**410**	260	< 230	230
Isophorone			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Naphthalene	12,000	100,000	< 250	250	**5,200**	250	**300**	240	< 270	270	< 250	250	< 240	240	**190**	250	< 240	240	**200**	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Nitrobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
N-Nitrosodimethylamine			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
N-Nitrosodi-n-propylamine			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
N-Nitrosodiphenylamine			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Pentachloronitrobenzene			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Pentachlorophenol	800	6,700	< 250	250	< 250	250	**430**	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Phenanthrene	100,000	100,000	**1,400**	250	**64,000**	2,500	**11,000**	1,200	< 270	270	**1,500**	250	< 240	240	**2,800**	250	< 240	240	**3,300**	250	< 230	230	**1,300**	250	**500**	240	**470**	260	< 230	230
Phenol	330	100,000	< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 250	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230
Pyrene	100,000	100,000	**2,400**	250	< 250	250	**12,000**	1,200	< 270	270	**2,600**	250	< 240	240	**2,300**	250	< 240	240	**3,200**	250	< 230	230	**1,400**	250	**510**	240	**790**	260	< 230	230
Pyridine			< 250	250	< 250	250	< 240	240	< 270	270	< 250	250	< 240	240	< 350	250	< 240	240	< 250	250	< 230	230	< 250	250	< 240	240	< 260	260	< 230	230

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
1019-1033 Fulton 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				B4				B5				B6				B7			
				(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg	
				Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Pesticides	4,4' -DDD	3.3	13,000	< 3.3	3.3	< 110	110	< 25	25	< 2.3	2.3	< 3.3	3.3	< 2.1	2.1	**31**	11	< 2.0	2.0	< 35	35	< 2.0	2.0	**38**	2.2	< 2.1	2.1	< 11	11	< 2.0	2.0
	4,4' -DDE	3.3	8,900	**25**	2.2	< 110	110	< 21	21	< 2.3	2.3	**9.5**	2.1	< 2.1	2.1	**16**	11	< 2.0	2.0	< 22	22	< 2.0	2.0	**12**	2.2	**4.2**	2.1	< 11	11	< 2.0	2.0
	4,4' -DDT	3.3	7,900	**110**	11	< 110	110	< 21	21	< 2.3	2.3	**55**	2.1	< 2.1	2.1	**55**	11	< 2.0	2.0	< 22	22	< 2.0	2.0	**29**	2.2	**23**	2.1	< 11	11	< 2.0	2.0
	a-BHC	20	480	< 7.2	7.2	< 360	360	< 34	34	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 36	36	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 18	18	< 6.7	6.7
	a-Chlordane	94	4,200	**15**	3.6	< 180	180	< 34	34	**15**	3.9	**13**	3.6	< 3.5	3.5	< 18	18	< 3.4	3.4	< 36	36	< 3.3	3.3	**7.8**	3.6	**4.3**	3.4	< 18	18	< 3.4	3.4
	Aldrin	5	97	< 3.6	3.6	< 180	180	< 10	10	< 3.9	3.9	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.4	3.4	< 11	11	< 3.3	3.3	< 3.6	3.6	< 3.4	3.4	< 5.0	5.0	< 3.4	3.4
	b-BHC	36	360	< 7.2	7.2	< 360	360	< 34	34	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 36	36	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	Chlordane	94	4,200	**100**	36	< 1800	1,800	< 340	340	**110**	39	< 50	50	< 35	35	< 180	180	< 34	34	< 360	360	< 33	33	**49**	36	< 34	34	< 180	180	< 34	34
	d-BHC	40	100,000	< 7.2	7.2	< 360	360	< 34	34	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 36	36	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	Dieldrin	5	200	**14**	3.6	< 180	180	< 10	10	< 3.9	3.9	< 3.6	3.6	< 3.5	3.5	< 18	18	< 3.4	3.4	< 11	11	< 3.3	3.3	**18**	3.6	**6.6**	3.4	< 5.0	5.0	< 3.4	3.4
	Endosulfan I	2,400	24,000	< 7.2	7.2	< 360	360	< 68	68	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 72	72	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	Endosulfan II	2,400	24,000	< 7.2	7.2	< 360	360	< 68	68	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 72	72	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	Endosulfan sulfate	2,400	24,000	< 7.2	7.2	< 360	360	< 68	68	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 72	72	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	Endrin	14	11,000	**19**	7.2	< 360	360	< 60	60	< 7.7	7.7	< 14	14	< 7.0	7.0	< 36	36	< 6.7	6.7	< 36	36	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 18	18	< 6.7	6.7
	Endrin aldehyde			< 20	20	< 360	360	< 68	68	< 7.7	7.7	< 90	90	< 7.0	7.0	< 36	36	< 6.7	6.7	< 72	72	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	Endrin ketone			< 7.2	7.2	< 360	360	< 68	68	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 72	72	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	g-BHC			< 1.4	1.4	< 72	72	< 14	14	< 1.5	1.5	< 2.0	2.0	< 1.4	1.4	< 7.3	7.3	< 1.3	1.3	< 14	14	< 1.3	1.3	< 1.5	1.5	< 1.4	1.4	< 7.1	7.1	< 1.3	1.3
	g-Chlordane			**200**	3.6	< 180	180	< 34	34	**6.6**	3.9	**22**	3.6	< 3.5	3.5	< 18	18	< 3.4	3.4	< 36	36	< 3.3	3.3	**19**	3.6	**8.3**	3.4	< 18	18	< 3.4	3.4
	Heptachlor	42	2,100	< 7.2	7.2	< 360	360	< 34	34	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 36	36	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 36	36	< 6.7	6.7
	Heptachlor epoxide			< 7.2	7.2	< 360	360	< 34	34	< 7.7	7.7	< 7.2	7.2	< 7.0	7.0	< 36	36	< 6.7	6.7	< 36	36	< 6.7	6.7	< 7.3	7.3	< 6.9	6.9	< 18	18	< 6.7	6.7
	Methoxychlor			< 36	36	< 1800	1,800	< 34	34	< 39	39	< 36	36	< 35	35	< 180	180	< 34	34	< 40	40	< 33	33	< 36	36	< 34	34	< 18	18	< 34	34
	Toxaphene			< 140	140	< 7200	7,200	< 1400	1,400	< 150	150	< 140	140	< 140	140	< 730	730	< 130	130	< 1400	1,400	< 130	130	< 150	150	< 140	140	< 710	710	< 130	130
PCBs	PCB-1016	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1221	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1232	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1242	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1248	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1254	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1260	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1262	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34
	PCB-1268	100	1,000	< 36	36	< 36	36	< 34	34	< 39	39	< 36	36	< 35	35	< 36	36	< 34	34	< 36	36	< 33	33	< 36	36	< 34	34	< 36	36	< 34	34

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
1019-1033 Fulton 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				B4				B5				B6				B7			
			(0-2') mg/Kg		(11-13') mg/Kg		(0-2') mg/Kg		(11-13') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(11-13') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg		(0-2') mg/Kg		(12-14') mg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			7,980	34	6,060	33	9,140	33	13,500	35	7,240	34	10,300	33	9,730	34	5,600	33	8,880	35	5,560	30	9,610	33	10,800	34	7,870	35	3,690	30
Antimony			< 1.7	1.7	< 1.7	1.7	< 1.6	1.6	< 1.7	1.7	< 1.7	1.7	< 1.7	1.7	< 1.7	1.7	< 1.7	1.7	< 1.7	1.7	< 1.5	1.5	< 1.6	1.6	< 1.7	1.7	< 1.8	1.8	< 1.5	1.5
Arsenic	13	16	5.1	0.7	3.1	0.7	6.6	0.7	2.1	0.7	3.9	0.7	2	0.7	3.8	0.7	1.5	0.7	4	0.7	12.1	0.6	4.1	0.7	5.1	0.7	3.9	0.7	1.4	0.6
Barium	350	350	210	0.7	243	0.7	113	0.7	71.7	0.7	524	0.7	56	0.7	230	0.7	39.3	0.7	184	0.7	58	0.6	241	0.7	204	0.7	89.2	0.7	29.8	0.6
Beryllium	7.2	14	0.46	0.27	0.41	0.27	0.32	0.26	0.59	0.28	0.4	0.27	0.6	0.27	0.41	0.27	0.27	0.27	0.41	0.28	0.57	0.24	0.42	0.26	0.44	0.27	0.38	0.28	0.23	0.24
Cadmium	2.5	2.5	0.83	0.34	0.32	0.33	0.32	0.33	0.23	0.35	0.41	0.34	0.21	0.33	0.29	0.34	< 0.33	0.33	0.35	0.35	0.35	0.30	0.33	0.33	0.88	0.34	0.24	0.35	0.15	0.30
Calcium			15,600	34	20,500	33	2,890	3.3	1,460	3.5	40,400	34	2,250	3.3	35,200	34	5,330	3.3	20,600	35	2,830	3.0	14,800	33	17,700	34	51,900	35	1,280	3.0
Chromium	30	180	17.5	0.34	15.3	0.33	15.6	0.33	37.3	0.35	19.4	0.34	28.6	0.33	21.4	0.34	15.2	0.33	21.1	0.35	13.5	0.30	20.6	0.33	27.2	0.34	25.2	0.35	12.1	0.30
Cobalt			7.92	0.34	5.22	0.33	4.82	0.33	12.8	0.35	5.66	0.34	9.16	0.33	6.15	0.34	6.62	0.33	6.27	0.35	7.93	0.30	7.56	0.33	9.91	0.34	5.53	0.35	6.03	0.30
Copper	50	270	36	0.34	19.2	0.33	33.6	0.33	22.6	0.35	20.4	0.34	19.6	0.33	23.8	0.34	31.7	0.33	25.4	0.35	49.6	0.30	25.9	0.33	45	0.34	22.9	0.35	17	0.30
Iron			21,700	34	14,700	33	18,000	33	30,500	35	14,900	34	24,300	33	18,700	34	13,100	33	16,600	35	23,100	30	20,900	33	24,600	34	13,600	35	11,600	30
Lead	63	400	255	6.8	277	6.6	289	6.6	8.1	0.7	203	6.7	9.6	0.7	675	6.9	4.7	0.7	409	7.0	15.5	0.6	377	6.5	354	6.8	134	0.7	3.4	0.6
Magnesium			3,530	3.4	3,310	3.3	2,660	3.3	4,020	3.5	4,100	3.4	4,630	3.3	6,700	34	4,840	3.3	3,550	3.5	3,400	3.0	2,950	3.3	14,400	34	9,360	35	1,750	3.0
Manganese	1,600	2,000	1,110	3.4	295	3.3	226	3.3	610	3.5	279	3.4	727	3.3	320	3.4	247	3.3	276	3.5	419	3.0	378	3.3	464	3.4	254	3.5	283	3.0
Mercury	0.18	0.81	0.27	0.03	0.14	0.03	0.58	0.02	0.09	0.03	0.53	0.03	< 0.03	0.03	0.15	0.03	< 0.03	0.03	0.16	0.03	< 0.03	0.03	0.19	0.03	2.81	0.25	0.1	0.03	< 0.03	0.03
Nickel	30	140	40.6	0.34	15.9	0.33	12.6	0.33	18.6	0.35	12.5	0.34	28.3	0.33	13.4	0.34	14.6	0.33	13.3	0.35	15	0.30	14.1	0.33	25.1	0.34	14.5	0.35	11.8	0.30
Potassium			1,120	68	768	66	1,070	7	1,290	69	1,370	67	2,150	66	953	69	1,520	66	861	70	1,830	59	892	65	5,780	68	930	70	719	61
Selenium	3.9	36	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.2	1.2	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.2	1.2
Silver	2	36	< 0.34	0.34	< 0.33	0.33	< 0.33	0.33	< 0.35	0.35	< 0.34	0.34	< 0.33	0.33	< 0.34	0.34	< 0.33	0.33	< 0.35	0.35	< 0.30	0.30	< 0.33	0.33	< 0.34	0.34	< 0.35	0.35	< 0.30	0.30
Sodium			736	7	311	7	55	7	108	7	489	7	709	7	240	7	530	7	210	7	366	6	239	7	793	7	301	7	136	6
Thallium			< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.3	1.3	< 1.4	1.4	< 1.2	1.2	< 1.3	1.3	< 1.4	1.4	< 1.4	1.4	< 1.2	1.2
Vanadium			24.4	0.3	19.5	0.3	23.8	0.3	40.6	0.3	25.5	0.3	37.4	0.3	30.3	0.3	23.5	0.3	29.1	0.3	23	0.3	27.9	0.3	52.8	0.3	31.2	0.4	20.4	0.3
Zinc	109	2,200	237	6.8	181	6.6	146	6.6	71.4	0.7	307	6.7	42	0.7	200	6.9	27.9	0.7	189	7.0	50.3	0.6	180	6.5	383	6.8	91.3	0.7	24.1	0.6

Notes:

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

RL- Reporting Limit

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

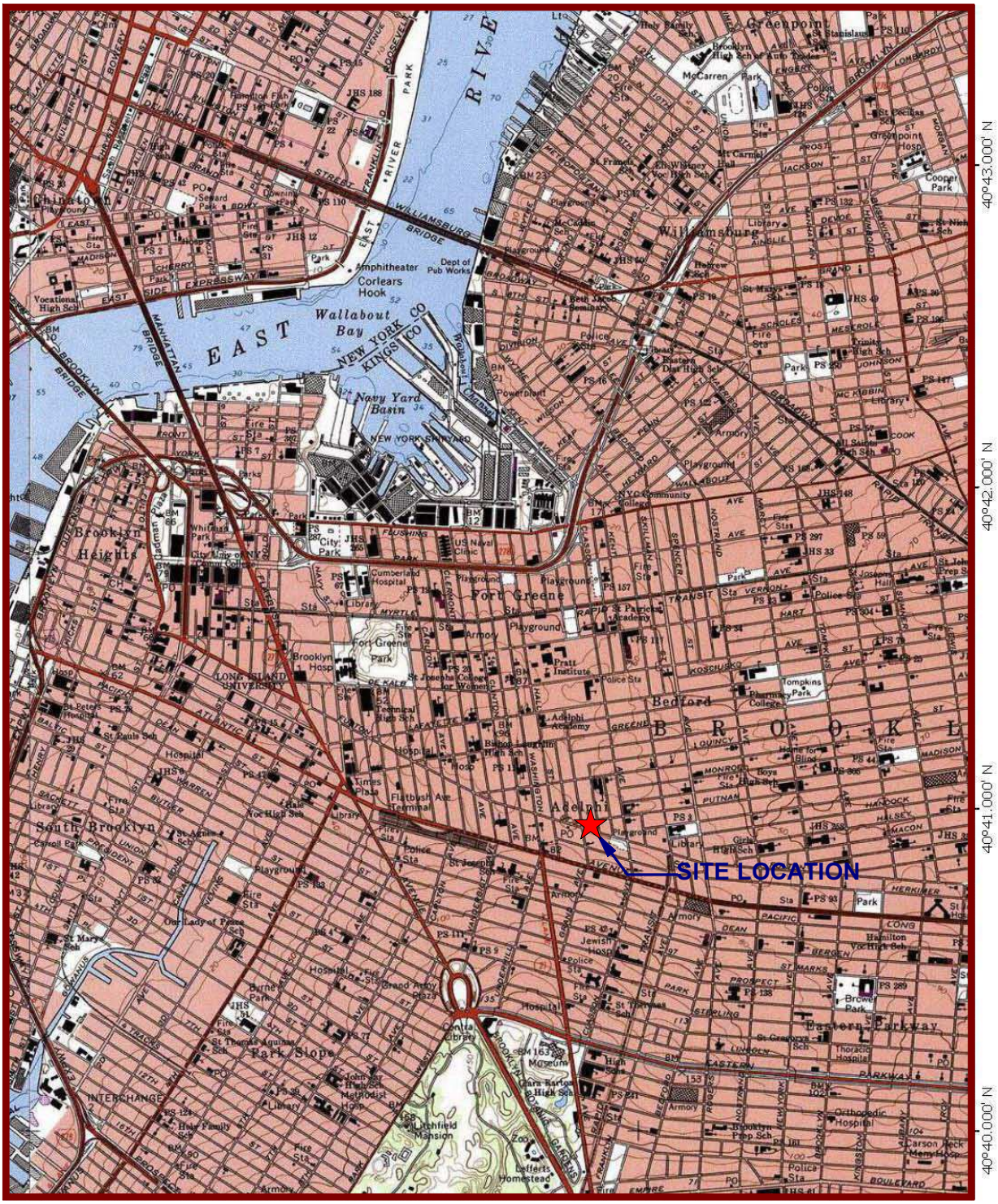
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 6
1019-1033 Fulton Street,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SG-1 (µg/m3)		SG-2 (µg/m3)		SG-3 (µg/m3)		SG-4 (µg/m3)		SG-5 (µg/m3)	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	**5.09**	1.00	**6.6**	1.00	**4.28**	1.00	**1.96**	1.00	**5.2**	1.00
1,1,2,2-Tetrachloroethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene		<1.0	**3**	1.00	**3.53**	1.00	**4.26**	1.00	**5.94**	1.00	**2.97**	1.00
1,2-Dibromoethane		<1.5	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloropropane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane			< 1.00	1.00	< 1.00	1.00	**1.27**	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene		<1.0	< 1.00	1.00	< 1.00	1.00	**1.2**	1.00	**1.64**	1.00	< 1.00	1.00
1,3-Butadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene		<2.0	**2.43**	1.00	**4.61**	1.00	**1.9**	1.00	**3.18**	1.00	**6.91**	1.00
1,4-Dichlorobenzene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone			**40.3**	1.00	**79.4**	1.00	**81.9**	1.00	**90.1**	1.00	**76.6**	1.00
4-Ethyltoluene		NA	< 1.00	1.00	< 1.00	1.00	**1.07**	1.00	**1.04**	1.00	< 1.00	1.00
4-Isopropyltoluene			< 1.00	1.00	< 1.00	1.00	**1.5**	1.00	**1.8**	1.00	< 1.00	1.00
4-Methyl-2-pentanone			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	**3.59**	1.00	< 1.00	1.00
Acetone		NA	**1,840**	39.9	**4,510**	39.9	**2,730**	39.9	**1,970**	50.1	**3,490**	39.9
Acrylonitrile			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene		<1.6 - 4.7	**6.35**	1.00	**1.68**	1.00	**1.1**	1.00	**29.3**	1.00	**1.63**	1.00
Benzyl Chloride		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide		NA	**8.37**	1.00	< 1.00	1.00	< 1.00	1.00	**4.11**	1.00	< 1.00	1.00
Carbon Tetrachloride	5	<3.1	**0.41**	0.25	**0.33**	0.25	< 0.25	0.25	< 0.25	0.25	**0.31**	0.25
Chlorobenzene		<2.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform		<2.4	**2.14**	1.00	< 1.00	1.00	**2.47**	1.00	**1.41**	1.00	< 1.00	1.00
Chloromethane		<1.0 - 1.4	**1.05**	1.00	**1.26**	1.00	**1.12**	1.00	< 1.00	1.00	**1.58**	1.00
cis-1,2-Dichloroethene		<1.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane		NA	**2.46**	1.00	< 1.00	1.00	< 1.00	1.00	**2.81**	1.00	< 1.00	1.00
Dibromochloromethane		<5.0	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluromethane		NA	**1.91**	1.00	**1.76**	1.00	**2.61**	1.00	**2.52**	1.00	**1.53**	1.00
Ethanol			**73.2**	1.00	**156**	1.00	**97.5**	1.00	**69.3**	1.00	**192**	1.00
Ethyl Acetate		NA	**8.21**	1.00	**12.6**	1.00	**4.25**	1.00	**15.5**	1.00	**6.59**	1.00
Ethylbenzene		<4.3	**2.04**	1.00	**2.74**	1.00	**2.92**	1.00	**4.64**	1.00	**2.17**	1.00
Heptane		NA	**15.1**	1.00	**13.2**	1.00	**5.82**	1.00	**17**	1.00	**10.1**	1.00
Hexachlorobutadiene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane		<1.5	**17.5**	1.00	**7.54**	1.00	**5.85**	1.00	**19.7**	1.00	**6.55**	1.00
Isopropylalcohol		NA	**45.9**	1.00	**80.1**	1.00	**40.5**	1.00	**46.9**	1.00	**78.9**	1.00
Isopropylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (m&p)		<4.3	**5.9**	1.00	**8.29**	1.00	**10.8**	1.00	**12.2**	1.00	**7.29**	1.00
Methyl Ethyl Ketone			**142**	40.1	**413**	40.1	**271**	40.1	**189**	50.1	**345**	40.1
MTBE		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride		<3.4	**2.28**	1.00	**1.25**	1.00	**1.62**	1.00	**1.97**	1.00	**1.45**	1.00
n-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Xylene (o)		<4.3	**2.46**	1.00	**3.22**	1.00	**3.73**	1.00	**4.99**	1.00	**2.78**	1.00
Propylene		NA	**102**	40.1	**119**	40.1	**69**	40.1	**39**	1.00	**105**	40.1
sec-Butylbenzene			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene		<1.0	**1.2**	1.00	**1.82**	1.00	< 1.00	1.00	**1.1**	1.00	**1.77**	1.00
Tetrachloroethene	100		**1.83**	0.25	**1.53**	0.25	**15.7**	0.25	**84.1**	0.25	**3.18**	0.25
Tetrahydrofuran		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Toluene		1.0 - 6.1	**18.6**	1.00	**11.1**	1.00	**25.7**	1.00	**99.8**	1.00	**7.72**	1.00
trans-1,2-Dichloroethene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene		NA	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	5	<1.7	**0.93**	0.25	< 0.25	0.25	**0.45**	0.25	**1.37**	0.25	**0.45**	0.25
Trichlorofluoromethane		NA	**2.93**	1.00	**9.04**	1.00	**11.8**	1.00	**6.85**	1.00	**5.27**	1.00
Trichlorotrifluoroethane			< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Vinyl Chloride		<1.0	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
BTEX			**35.35**		**27.03**		**44.25**		**150.93**		**21.59**	
Total VOCs			**2297.14**		**5349.41**		**3304.28**		**2615.19**		**4272.22**	

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



74°00.000' W 73°59.000' W 73°58.000' W WGS84 73°57.000' W

USGS Brooklyn, NY Quadrangle 1994, Contour Interval = 10 feet

MILES FEET KILOMETERS METERS

MN TN 13° 06/12/11

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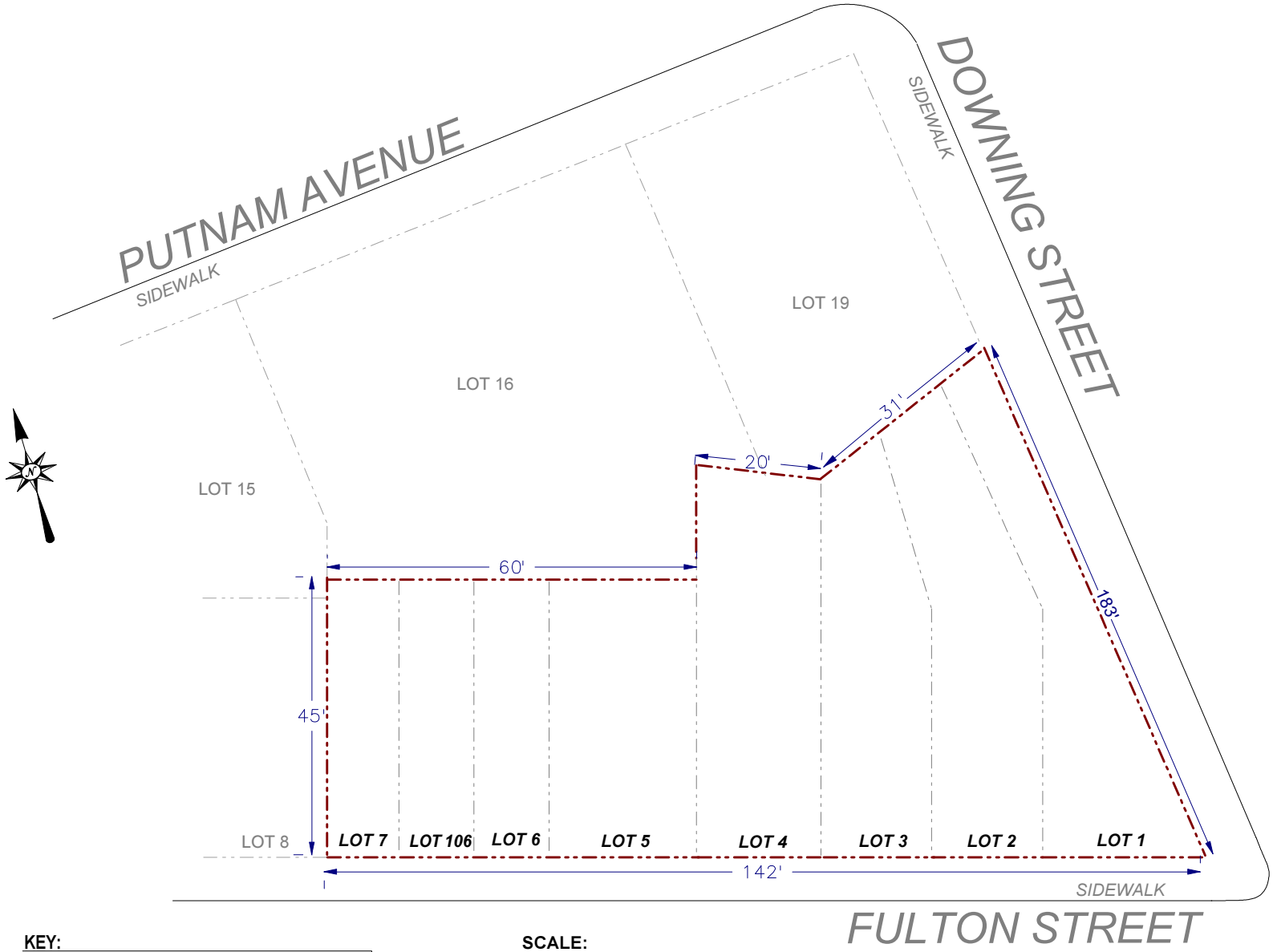
1019-1033 FULTON STREET
BROOKLYN, NY

FIGURE 1 SITE LOCATION MAP



KEY:

Property Boundary

Surrounding Property Boundary

SCALE:

0 12.5 25

Scale: 1 inch = 25 feet

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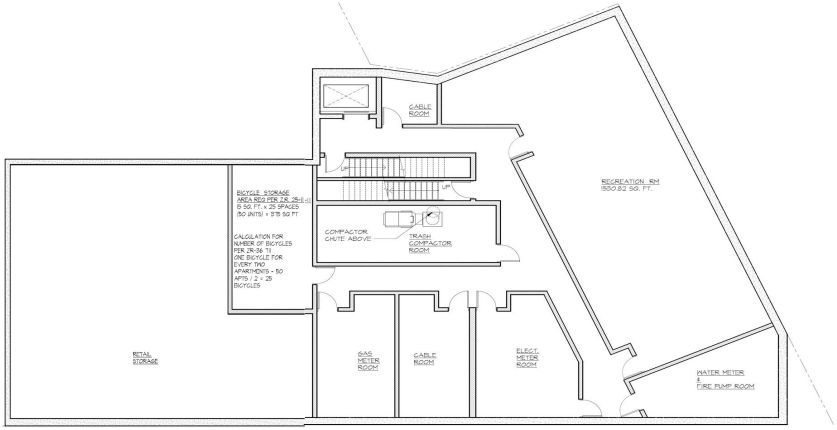
Figure No. 2

Site Name: REDEVELOPMENT SITE

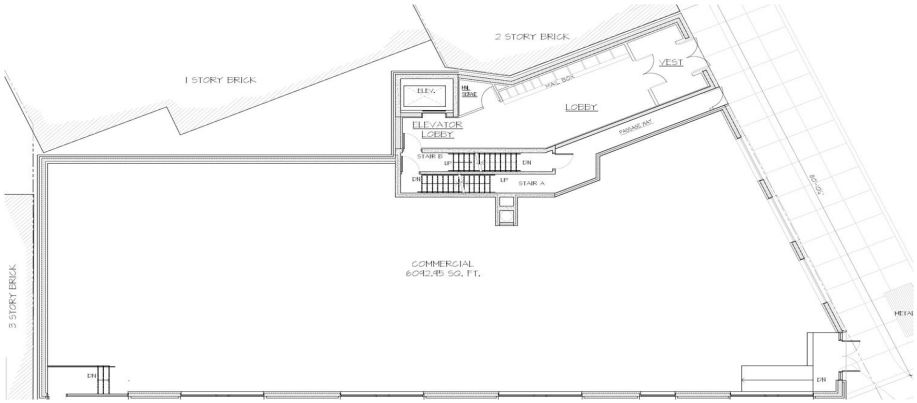
Site Address: 1019-1033 FULTON STREET, BROOKLYN, NY

Drawing Title: SITE BOUNDARY MAP

CELLAR LEVEL



FIRST FLOOR



SIDE ELEVATION

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Figure No.
3

Site Name: REDEVELOPMENT SITE

Site Address: 1019-1033 FULTON STREET, BROOKLYN, NY

Drawing Title: REDEVELOPMENT PLAN

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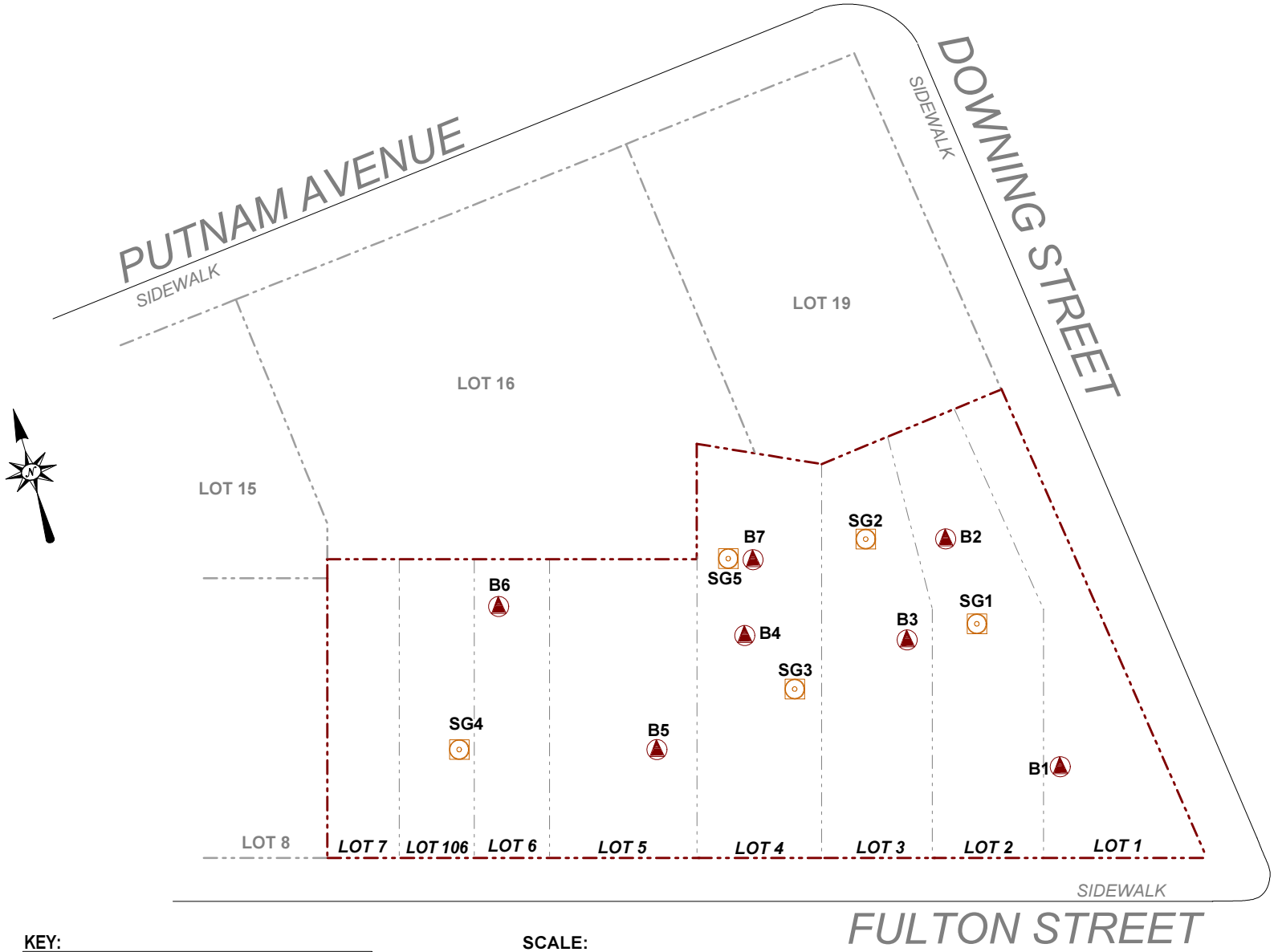
Figure No. 4

Site Name: REDEVELOPMENT SITE

Site Address: 1019-1033 FULTON STREET, BROOKLYN, NY

Drawing Title: SURROUNDING LAND USE



KEY:

- Property Boundary
- Surrounding Property Boundary
- Soil Boring to 15ft
- Soil Gas Implant @ 14ft

SCALE:

0 12.5 25

Scale: 1 inch = 25 feet

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Figure No. 5

Site Name: REDEVELOPMENT SITE

Site Address: 1019-1033 FULTON STREET, BROOKLYN, NY

Drawing Title: SITE PLAN

B2 (0-2')	
Benz(a)anthracene	5,700
Benzo(a)pyrene	5,600
Benzo(b)fluoranthene	5,100
Benzo(k)fluoranthene	4,400
Chrysene	6,800
Dibenz(a,h)anthracene	1,200
Indeno(1,2,3-cd)pyrene	4,000
Lead	277
Zinc	181

B3 (0-2')	
Benz(a)anthracene	1,400
Benzo(a)pyrene	1,600
Benzo(b)fluoranthene	1,400
Benzo(k)fluoranthene	1,300
Chrysene	1,700
Indeno(1,2,3-cd)pyrene	1,400
4,4' -DDE	9.5
4,4' -DDT	55
Chromium	37.3

B4 (0-2')	
Benz(a)anthracene	1,300
Benzo(a)pyrene	1,100
Benzo(b)fluoranthene	1,200
Benzo(k)fluoranthene	1,100
Chrysene	1,500
Indeno(1,2,3-cd)pyrene	920
4,4' -DDD	31
4,4' -DDE	16
4,4' -DDT	55

B7 (0-2')	
Lead	354
Mercury	2.81
Zinc	383

B2 (11-13')	
Lead	289
Mercury	0.58
Zinc	146

B3 (12-14')	
Barium	524
Lead	203
Mercury	0.53
Zinc	307

B6 (0-2')	
4,4' -DDD	38
4,4' -DDE	12
4,4' -DDT	29
Dieldrin	18

B6 (12-14')	
4,4' -DDE	4.2
4,4' -DDT	23
Dieldrin	6.6
Lead	377
Mercury	0.19
Zinc	180

B4 (12-14')	
Lead	675
Zinc	200

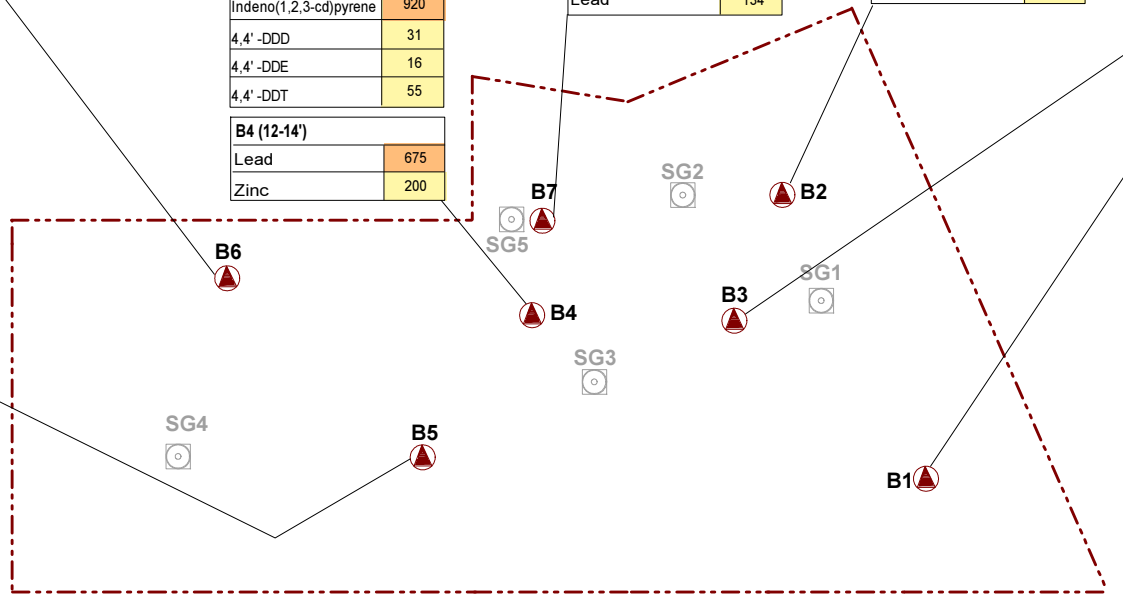
B7 (12-14')	
Lead	134

B1 (0-2')	
Benz(a)anthracene	1,200
Benzo(a)pyrene	1,200
Benzo(b)fluoranthene	1,100
Benzo(k)fluoranthene	1,000
Chrysene	1,400
Indeno(1,2,3-cd)pyrene	820
4,4' -DDE	25
4,4' -DDT	110
Dieldrin	14
Endrin	19

B5 (0-2')	
Benz(a)anthracene	1,400
Benzo(a)pyrene	1,200
Benzo(b)fluoranthene	1,100
Benzo(k)fluoranthene	1,000
Chrysene	1,500
Indeno(1,2,3-cd)pyrene	800

B5 (11-13')	
Lead	409
Zinc	189

B1 (11-13')	
Benz(a)anthracene	22,000
Benzo(a)pyrene	19,000
Benzo(b)fluoranthene	17,000
Benzo(k)fluoranthene	16,000
Chrysene	24,000
Dibenz(a,h)anthracene	4,200
Indeno(1,2,3-cd)pyrene	14,000
Lead	255
Mercury	0.27
Nickel	40.6
Zinc	237



KEY:

- Property Boundary
- Surrounding Property Boundary
- Soil Boring
- Soil Gas Sample

SCALE:

0 12.5 25

Scale: 1 inch = 25 feet

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Figure No. 6

Site Name: REDEVELOPMENT SITE

Site Address: 1019-1033 FULTON STREET, BROOKLYN, NY

Drawing Title: SOIL EXCEEDANCES

KEY:

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

SG3

1,1,1-Trichloroethane	4.28
1,2,4-Trimethylbenzene	4.26
1,2-Dichlorotetrafluoroethane	1.27
1,3,5-Trimethylbenzene	1.2
1,3-Dichlorobenzene	1.9
2-Hexanone	81.9
4-Ethyltoluene	1.07
4-Isopropyltoluene	1.5
Acetone	2,730
Benzene	1.1
Chloroform	2.47
Chloromethane	1.12
Dichlorodifluromethane	2.61
Ethanol	97.5
Ethyl Acetate	4.25
Ethylbenzene	2.92
Heptane	5.82
Hexane	5.85
Isopropylalcohol	40.5
Xylene (m&p)	10.8
Methyl Ethyl Ketone	271
Methylene Chloride	1.62
Xylene (o)	3.73
Propylene	69
Tetrachloroethene	15.7
Toluene	25.7
Trichloroethene	0.45
Trichlorofluoromethane	11.8

SG5

1,1,1-Trichloroethane	5.2
1,2,4-Trimethylbenzene	2.97
1,3-Dichlorobenzene	6.91
2-Hexanone	76.6
Acetone	3,490
Benzene	1.63
Carbon Tetrachloride	0.31
Chloromethane	1.58
Dichlorodifluromethane	1.53
Ethanol	192
Ethyl Acetate	6.59
Ethylbenzene	2.17
Heptane	10.1
Hexane	6.55
Isopropylalcohol	78.9
Xylene (m&p)	7.29
Methyl Ethyl Ketone	345
Methylene Chloride	1.45
Xylene (o)	2.78
Propylene	105
Styrene	1.77
Tetrachloroethene	3.18
Toluene	7.72
Trichloroethene	0.45
Trichlorofluoromethane	5.27

SG2

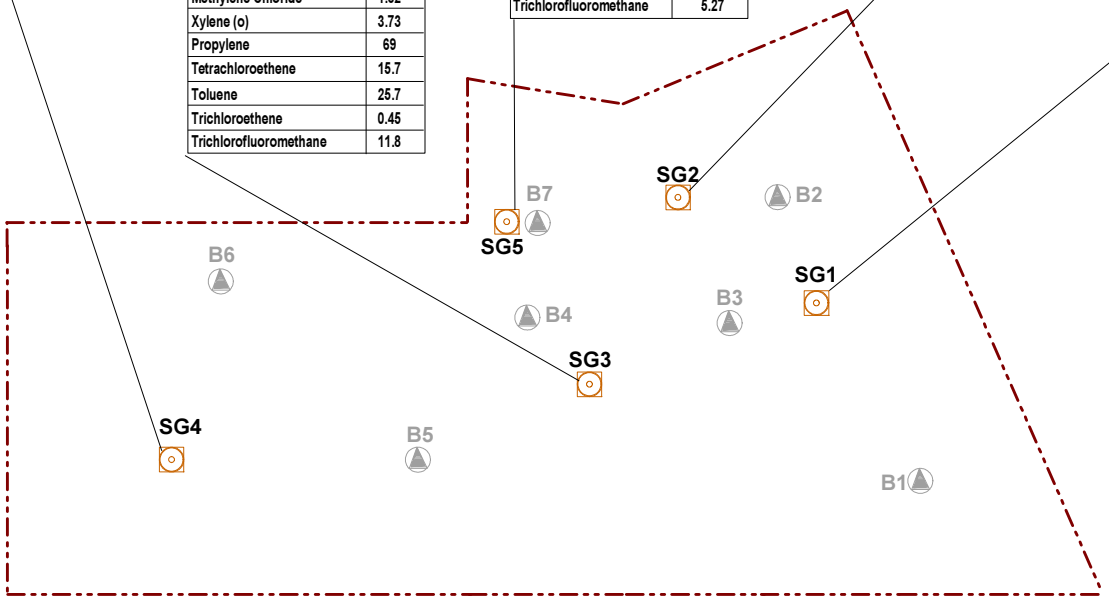
1,1,1-Trichloroethane	6.6
1,2,4-Trimethylbenzene	3.53
1,3-Dichlorobenzene	4.61
2-Hexanone	79.4
Acetone	4,510
Benzene	1.68
Carbon Tetrachloride	0.33
Chloromethane	1.26
Dichlorodifluromethane	1.76
Ethanol	156
Ethyl Acetate	12.6
Ethylbenzene	2.74
Heptane	13.2
Hexane	7.54
Isopropylalcohol	80.1
Xylene (m&p)	8.29
Methyl Ethyl Ketone	413
Methylene Chloride	1.25
Xylene (o)	3.22
Propylene	119
Styrene	1.82
Tetrachloroethene	1.53
Toluene	11.1
Trichlorofluoromethane	9.04

SG4

1,1,1-Trichloroethane	1.96
1,2,4-Trimethylbenzene	5.94
1,3,5-Trimethylbenzene	1.64
1,3-Dichlorobenzene	3.18
2-Hexanone	90.1
4-Ethyltoluene	1.04
4-Isopropyltoluene	1.8
4-Methyl-2-pentanone	3.59
Acetone	1,970
Benzene	29.3
Carbon Disulfide	4.11
Chloroform	1.41
Cyclohexane	2.81
Dichlorodifluromethane	2.52
Ethanol	69.3
Ethyl Acetate	15.5
Ethylbenzene	4.64
Heptane	17
Hexane	19.7
Isopropylalcohol	46.9
Xylene (m&p)	12.2
Methyl Ethyl Ketone	189
Methylene Chloride	1.97
Xylene (o)	4.99
Propylene	39
Styrene	1.1
Tetrachloroethene	84.1
Toluene	99.8
Trichloroethene	1.37
Trichlorofluoromethane	6.85

SG1

1,1,1-Trichloroethane	5.09
1,2,4-Trimethylbenzene	3
1,3-Dichlorobenzene	2.43
2-Hexanone	40.3
Acetone	1,840
Benzene	6.35
Carbon Disulfide	8.37
Carbon Tetrachloride	0.41
Chloroform	2.14
Chloromethane	1.05
Cyclohexane	2.46
Dichlorodifluromethane	1.91
Ethanol	73.2
Ethyl Acetate	8.21
Ethylbenzene	2.04
Heptane	15.1
Hexane	17.5
Isopropylalcohol	45.9
Xylene (m&p)	5.9
Methyl Ethyl Ketone	142
Methylene Chloride	2.28
Xylene (o)	2.46
Propylene	102
Styrene	1.2
Tetrachloroethene	1.83
Toluene	18.6
Trichloroethene	0.93
Trichlorofluoromethane	2.93



SIDEWALK

FULTON STREET

SCALE:

0 15 30

Scale: 1 inch = 30 feet

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

Figure No. 7

Site Name: REDEVELOPMENT SITE

Site Address: 1019-1033 FULTON STREET, BROOKLYN, NY

Drawing Title: SOIL VAPOR DETECTIONS

ATTACHMENT A

Phase I Report

PHASE I ENVIRONMENTAL SITE ASSESSMENT

FULTON STREET/PUTNAM AVENUE
1019-1033 FULTON STREET, 18-28 PUTNAM AVENUE & 102-106 DOWNING STREET
BLOCK 1991, LOTS 1 THRU 7, 16, 19, & 106
BROOKLYN, N.Y.

PREPARED FOR:

BIG APPLE DEVELOPERS
770 MIDDLE NECK ROAD, SUITE 4P
GREAT NECK, NEW YORK 11024-1905

PREPARED BY

environmental
project data statements company

185 GREAT NECK ROAD
GREAT NECK, NEW YORK 11021

NOVEMBER 2012

1019-1033 Fulton Street, 18-28 Putnam Avenue & 102-106 Downing Street
Block 1991 Lots 1 thru 7, 16, 19 & 106
Brooklyn, New York 11238

Phase I Environmental Site Assessment

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ATTACHMENT B - Photographs

ATTACHMENT C - Executive Summary section of the Environmental Data Resources, Inc. Radius Map Report.

ATTACHMENT D - City Directory Abstract From Environmental Data Resources, Inc.

ATTACHMENT E- Environmental LienSearch from Environmental Data Resources, Inc.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

A. INTRODUCTION

EPDSCO, Inc. has performed a Phase I Environmental Site Assessment (ESA) of the subject property located at 1019-1033 Fulton Street, 18-28 Putnam Avenue and 102-106 Downing Street, in the Borough of Brooklyn, New York City, New York. This ESA was prepared in accordance with the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Designation E 1527-05).

The purpose of this ESA is to identify, to the extent feasible in accordance with ASTM E 1527-05, recognized environmental conditions in connection with the site with regard to hazardous materials as defined by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and petroleum products. Additionally, several ASTM "Non-Scope" items including asbestos-containing materials, lead-based paints, and radon are also discussed. Recognized Environmental Conditions are identified through research into the history and uses of the site and surrounding area, an inspection of the subject property and a survey of adjoining and nearby uses, and a review of available regulatory agency records and environmental databases. A detailed scope of work is included in Section IV of this report. Sanborn atlases and other pertinent figures are included in Attachment A. Photographs are located in Attachment B. Regulatory agency database information from Environmental Data Resources, Inc. (EDR) is included in Attachment C, and the City Directory Abstract report from EDR is included in Attachment D.

B. EXECUTIVE SUMMARY

The subject property consists of ten (10) adjoining lots located on the block bounded by Putnam Avenue to the north, Fulton Street to the south, Downing Street to the east and Grand Avenue to the west, in the Borough of Brooklyn in the City of New York. Lots 1 through 7 and 106 of the site (i.e., 1019-1033 Fulton Avenue) are adjoining and vacant, unpaved lots surrounded by chain link fencing with a locking gate. All of these lots are located on the southern portion of the site and front on Fulton Street.

Lot 16 is located on the northwest portion of the site and contains a 1-story (on slab), commercial building occupied by the Green Hill Food Cooperative and an office for the Parliament Democratic Club (18-22 Putnam Avenue). Heat for this building is provided by electric space heaters.

Lot 19 is located on the northeast portion of the site and contains a 1-story (on slab) garage building (24-28 Putnam Avenue) occupied by Downing Auto Body, a small auto repair garage. This lot also contains a 2-story (plus basement) commercial building (106 Downing Street). The first and second floors of the building at 106 Downing Street were locked and inaccessible at the time of the site visit, and no interior inspections of these portions of the building were performed. Access to the basement was provided by Mr. Murdock, the proprietor of Downing Auto body at 24-28 Putnam Avenue. According to Mr. Murdock, a small woodworking company occupies the first and second floors of the building at 106 Downing Street and to the best of his knowledge, the operations do not involve the use of significant quantities of hazardous materials. Mr. Murdock also stated that there are no central heating systems in the buildings at 24-28 Putnam Avenue or 106 Downing Street.

Research into the history of the property indicates that Lots 1-7 and 106 were occupied by 2- or 3-story buildings containing retail stores from at least 1887 to the 1980s, by which time most of these structures had been demolished. There were not any past businesses or operations that typically involve the storage or use of hazardous materials or petroleum identified in any of the former buildings on these lots. All of these lots have remained vacant land since the demolition of the buildings, with the exception of Lot 1 (i.e., 1031-1033 Fulton Street). A small, 1-story auto repair garage was located on this lot from 2003 to at least 2007.

Lot 16 has been occupied by the existing commercial building since at least 1938. Prior to the construction of the building, this lot was occupied by two residential dwellings, one of which contained a tailor. There were not any past businesses or operations that typically involve the storage or use of hazardous materials or petroleum identified on Lot 16.

Lot 19 has been occupied by a 1-story auto body and repair garage and a 2-story commercial building since at least 1938. The two-story building has contained a garage, a machine shop, a motorcycle club, a church and most recently, a small woodworking shop.

Auto body and repair garages are types of operations that typically use significant quantities of hazardous materials and petroleum products, including lubricating oils, brake and transmission fluids, anti freeze, paints, thinners, solvents and others. Auto repair operations also typically generate significant quantities of wastes including waste oils, antifreeze and waste parts cleaning and other solvents. In addition, the operations of machine shops typically include the use of

cutting and lubricating oils and solvents. Any past spills, leaks or discharges of hazardous materials or petroleum products from past auto body and repair operations or machine shop would be a potential source of contamination to the project site.

According to information from the New York City Department of Buildings, subject lots 1, 4, 5, 6, 7, 16, 19 and 106 contain E-Designations for Hazardous Materials and Noise. An E-Designation is a NYC Zoning Map designation that indicates the presence of an environmental requirement pertaining to potential hazardous materials, noise or air quality impacts on a particular tax lot. An E-Designation may require special activities coordinated through the New York City Office of Environmental Remediation to be performed on a particular lot, including subsurface investigations, preparation of remedial action work plans, health and safety plans and others

Lavatory drains such as sinks and toilets were observed in the subject buildings. In addition, one floor drain was observed in the repair shop at 24-28 Putnam Avenue. According to Mr. Murdock, a second floor drain exists in the shop but was covered by a car and not visible at the time of the site visit. The drainage destination of these structures is not known; however, it is likely that they discharge to the municipal sewer system. The floor drain observed in the shop contained a small quantity of what appeared to be oily water.

A 275-gallon aboveground fuel oil tank was observed in the basement of the building at 106 Downing Street. The fill port and vent line for this tank were located in the sidewalk in front of the building. No staining, strong fuel oil odors or other visible indications of recent spills or leaks were observed around the tank, fill port or vent line. In addition, two pipes which appeared to be underground tank vent lines were observed protruding from the roof of the building at 24-28 Putnam Avenue. No tank fill ports were observed in this building or in the sidewalk adjoining the building. The 1938 through 2007 Sanborn maps of the site show a buried gasoline tank below the building at 24-28 Putnam Avenue. The property does not appear in the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) database, which lists all registered facilities with a total combined petroleum storage capacity in excess of 1,100 gallons.

Any past spills, leaks or discharges from underground tanks at the site would be a potential source of contamination to the property. In addition, out of service tanks are required to be closed in accordance with New York City Fire Department and New York State Department of Environmental Conservation requirements.

Given the age of the subject buildings (all constructed prior to 1970), it is possible that they contain asbestos building materials and lead based paints.

The lots do not appear in the Federal or State environmental databases reviewed including the USEPA's Superfund, CERCLIS or ERNS databases, the RCRA Hazardous Waste Generators list or hazardous waste Treatment/Storage/Disposal Facilities list, or the NYSDEC's Spill Logs database, Solid Waste Facilities database, Petroleum Bulk Storage database or the Registry of Inactive Hazardous Waste Disposal Sites.

There were not any potential off-site sources of contamination which are considered likely to have significantly impacted the environmental condition of the subject properties identified in the regulatory agency database information reviewed.

Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 1019-1033 Fulton Street, 18-28 Putnam Avenue and 102-106 Downing Street, Brooklyn, N.Y., the property. Any exceptions to or deletions from this standard are described in section A of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property, with the following exceptions:

- The potential for site contamination from past auto body and repair operations and machine shop operations on Lot 19 and auto repair operations on Lot 1.
- The presence of out of service petroleum storage tanks and the potential for site contamination from past leaks of underground storage tanks on Lot 19 of the site.
- The presence of E-Designations for Lots 1, 4, 5, 6, 7, 16, 19 and 106 of the project site.
- The possible presence of asbestos and lead-based paint in the subject buildings.

Respectfully Submitted,

Hiram A. Rothkrug, Director

EPDSCO, Inc.

C. REPORT OF FINDINGS

The subject property was inspected on October 26th, 2012 by EPDSCO, Inc. Project Manager Todd McArthur. Access to the site was arranged by Mr. Danny Kimia of Big Apple Developers.

Property Description

Property Address and Location

Subject Property:

1019-1033 Fulton Street, 18-28 Putnam Avenue & 102-106 Downing Street
Brooklyn, New York 11238
Block 1991, Lots 1-7, 16, 19 & 106

The subject property consists of ten (10) adjoining lots located on the block bounded by Putnam Avenue to the north, Fulton Street to the south, Downing Street to the east and Grand Avenue to the west, in the Borough of Brooklyn, New York City, New York. The property appears on the USGS 7.5 Minute Series Topographic Map Brooklyn, New York Quadrangle (see Attachment A).

Site Description

Lots 1 through 7 and 106 of the site (i.e., 1019-1033 Fulton Avenue) are adjoining and vacant, unpaved lots surrounded by chain link fencing with a locking gate. All of these lots are located on the southern portion of the site and front Fulton Street. A small private garden was observed on Lot 1 of this part of the site.

Lot 16 is located on the northwest portion of the site and contains a 1-story (on slab), commercial building occupied by the Green Hill Food Cooperative and an office for the Parliament Democratic Club (18-22 Putnam Avenue). The portion of the building occupied by the Parliament Democratic Club was locked and inaccessible at the time of the site visit and no interior inspection of this part of the building was performed. Heat for this building is provided by electric space heaters.

Lot 19 is located on the northeast portion of the site and contains a 1-story (on slab) garage building (24-28 Putnam Avenue) occupied by Downing Auto Body, a small auto repair garage. This lot also contains a 2-story (plus basement) commercial building (106 Downing Street). The first and second floors of the building at 106 Downing Street were locked and inaccessible at the time of the site visit, and no interior inspections of these portions of the building were performed. Access to the basement was provided by Mr. Murdock, the proprietor of Downing Auto body at 24-28 Putnam Avenue. According to Mr. Murdock, a small woodworking company occupies the first and second floors of the building at 106 Downing Street. Mr. Murdock also stated that there are no central heating systems in the buildings at 24-28 Putnam Avenue or 106 Downing Street.

Site History

Information regarding site history was obtained from a variety of standard historical sources including historical land use/fire insurance atlases such as those produced by Sanborn, Bromley and/or Belcher Hyde, New York City Buildings Department information including Certificates of Occupancy (CO), Building Permits, Alteration Permits, etc., and interviews with site owners, occupants or local residents. Additionally, a city directories abstract search and a search for environmental liens and activity use limitations (AULs) were obtained from EDR, Inc.

Historical Maps

The 1887, 1904, 1915, 1938, 1950, 1969, 1977, 1979, 1980, 1981, 1982, 1986, 1987, 1988, 1989, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006 and 2007 Sanborn fire insurance/real estate maps were reviewed (see Attachment A). These maps provide information on the history of structures at the site, and may show property use including operations involving the storage or use of hazardous materials, and the presence of buried gasoline tanks.

Lots 1 through 7 and 106 (1019-1033 Fulton Street)

The 1887 through 1969 Sanborn maps show 2- or 3-story buildings occupied by retail stores on this portion of the site. The identified uses in these buildings are unspecified retail stores, a plumber (at 1027 Fulton Street in 1950), residential dwellings and unspecified commercial uses. All of these buildings were demolished between 1969 and 1981, except for the building at 1027 Fulton Street, which was demolished sometime between 1993 and 1995. A small 1-story auto repair garage appears at 1029-1033 Fulton Street (Lot 1) on the 2003 through 2007 Sanborn maps. There are not any buried gasoline tanks shown on this portion of the site on any of the Sanborn maps reviewed.

Lot 16 (18-22 Putnam Avenue)

The 1887, 1904 and 1915 Sanborn maps show two, 3-story residential dwellings on this lot. The 1915 Sanborn map shows a tailor in one of the buildings. The existing, 1-story commercial building appears on this lot on all of the remaining Sanborn maps reviewed. The use in the building is shown as unspecified retail stores on the 1938 through 2003 Sanborn maps, and as unspecified commercial use on the 2004 through 2007 Sanborn maps. There are not any buried gasoline tanks or operations which typically involve the storage or use of hazardous materials shown on Lot 16 on any of the Sanborn maps reviewed.

Lot 19 (24-28 Putnam Avenue & 102-106 Downing Street)

The 1887, 1904 and 1915 Sanborn maps show a one-story building and a two story building on this lot. The uses shown in the 1-story building are a stable, a carpentry shop, hay and feed storage and a retail store. The use in the 1-story building is a stable and a veterinary surgeon. The existing 1-story garage building and 2-story commercial building are shown on Lot 19 on all of the remaining Sanborn maps reviewed. The uses in the buildings are shown as a garage and a machine shop on the 2nd floor of the 2-story building. A buried gasoline tank is shown below the 1-story building on these maps.

N.Y.C. Department of Buildings

New York City Department of Buildings (DOB) records were reviewed for Certificates of Occupancy (CO), New Building permits, Demolition permits and other pertinent information regarding the subject property.

Lot 1 (1031-1033 Fulton Street)

No COs or New Building permits were found on file for this lot. There is one Demolition permit, DEM 511031-021143, issued in 1943, on file for this site. The Department of Finance Building Classification for this lot is V1-Vacant Land.

Lot 2 (1029 Fulton Street)

No COs or New Building permits were found on file for this lot. There is one Demolition permit on file for this lot, DEM 755-1029-120375, which was issued in 1975. The Department of Finance Building Classification for this lot is Z9 - Miscellaneous.

Lot 3 (1027 Fulton Street)

There are not any COs or New Building permits or Demolition permits on file for this lot. The Department of Finance Building Classification for this lot is V1-Vacant Land.

Lot 4 (1025 Fulton Street)

No COs or New Building permits were found on file for this lot. There is one Demolition permit on file, DEM 181-81, which was issued in 1981. The Department of Finance Building Classification for this lot is V1-Vacant Land.

Lot 5 (1023 Fulton Street)

No COs or New Building permits were found on file for this lot. There is one Demolition permit on file, DEM 180-81, which was issued in 1981. The Department of Finance Building Classification for this lot is V1-Vacant Land.

Lot 6 (1021A Fulton Street)

No COs or Demolition permits were found on file for this lot. There is one New Building permit on file, NB 448-86, which was issued in 1986. The Department of Finance Building Classification for this lot is V1-Vacant Land.

Lot 7 (1019 Fulton Street)

No COs or New Building permits were found on file for this lot. There is one Demolition permit on file, DEM 178-81, which was issued in 1981. The Department of Finance Building Classification for this lot is V1-Vacant Land.

Lot 106 (1021 Fulton Street)

No COs were found on file for this lot. There is one Demolition permit on file, DEM 179-1021-022581, which was issued in 1981 and one New Building permit, NB 448-86, which was issued in 1986. The Department of Finance Building Classification for this lot is V1-Vacant Land.

Lot 16 (18-22 Putnam Avenue)

There is one CO on file for this lot. CO 234009 was issued to the site on June 26th, 1990. The permissible uses listed on the CO are stores. No New Building permits or Demolition permits were found on file for this lot. The Department of Finance Building Classification for this lot is K1-Store Building.

Lot 19 (24-28 Putnam Ave. & 102-106 Downing St.)

No COs or Demolition permits were found on file for this lot. There are two New Building permits on file, NB 6054-16, which was issued in 1916, and NB 438211-2-1612-4-091516, no issue date given. The Department of Finance Building Classification for this lot is G9 – Garage/Gas Station.

The NYCDOB website information shows that subject lots 1, 4, 5, 6, 7, 16, 19 and 106 contain E-Designations for Hazardous Materials and Noise. An E-Designation is a NYC Zoning Map designation that indicates the presence of an environmental requirement pertaining to potential hazardous materials, noise or air quality impacts on a particular tax lot. An E-Designation may require special activities coordinated through the New York City Office of Environmental Remediation to be performed on a particular lot, including subsurface investigations, preparation of remedial action work plans, health and safety plans and others.

Interviews

Mr. Murdock, the proprietor of Downing Auto Body in the building at 24-28 Putnam Avenue for the past 25 years, was interviewed regarding the history of the subject property. According to Mr. Murdock, the building at 24-28 Putnam Avenue has been occupied by Downing Auto Body for the past 25 years and before that the building was occupied by Putnam Auto Body, also an auto repair garage and body shop. The building at 18-22 Putnam Avenue has historically been occupied by various small retail stores, offices and a coin-operated Laundromat (Collymore's Laundry). Mr. Murdock stated that to the best of his knowledge, no dry cleaning operations were ever performed at Collymore's Laundry. The building at 106 Downing Street is currently occupied by a small woodworking shop. To the best of his knowledge, this woodworking shop does not involve the storage or use of significant quantities of hazardous materials. The building at 106 Downing Street was previously occupied by a motorcycle club and a church, prior to which the building was vacant for a long period of time.

City Directories Abstract

A city directories abstract review was performed for the addresses of the subject property. A city directories abstract is a review of city directories, cross reference and telephone directories which list occupants at a corresponding address. These directories are reviewed at approximately five-year intervals from the 1920s to 2005. The following tables summarize the findings of the city directories abstract review.

1019 Fulton Street

Year	Occupant/Listing
1934	Residential Koettig Chas Delicatessen
1940, 1945, 1960	Residential
1965	Southern Bar B Q
1973	Kays Lunchnet

1021 Fulton Street

Year	Occupant/Listing
1928, 1934	Residential Gordon B J Dry Goods Gordon & Gordon Glass
1940, 1945	Merkatz Max Glass
1949	Merkatz Max C Hamilton Emile D real estate
1970	Residential Doris Ramsey Candy Store
1973, 1976	Residential

1023 Fulton Street

Year	Occupant/Listing
1928	Julius Stationary
1934	Julius Stationary Residential
1940	Logan and Wheeler Stationary
1949	La Cailles Restaurant

1025 Fulton Street

Year	Occupant/Listing
1928	Barracks Bros. Movers
1934	Residential Barracks Bros. Movers

1940	Pauline's Beauty Salon
1945	Lizaire Amancia Beauty Parlor
1949, 1960, 1965, 1970	Fitzgerald's Beauty Salon

1027 Fulton Street

Year	Occupant/Listing
1934	Siegel Jacob Roofers
1940, 1945	Saml. Bruner plumbing and heating contractors
1949	Saml. Bruner plumbing and heating contractors Residential
1960	Residential David Rabinowitz plumbing and heating
1970, 1973, 1976, 1985	Residential

1029 Fulton Street

Year	Occupant/Listing
1928, 1940, 1945	William New butcher New's Market
1949	Herman Kuchinsky butcher
1960	Mellis Cillian real estate Residential
1965, 1970	Residential
1973	Mowatt real estate

1031 Fulton Street

Year	Occupant/Listing
1928	John Johenning grocery
1934	Residential November Chas Fruits

18 Putnam Avenue

Year	Occupant/Listing
1934	PAD Co. Frank Tengzelius plumber
1945	Residential
1992, 1997	Collymore Laundromat
2000	Collymore Laundromat B C Transportation Association
2005	Collymore Laundromat CFzz 1
2007	Collymore Laundromat

20 Putnam Avenue

Year	Occupant/Listing
1934	Paramount Custom Laundry Laundries Hand Dolgow Jos. CLK R
1940	Sawicki Wm. Birds
1960	Fred Turner Real Estate
1970, 1973	Van Guard Office Cleaning Contractors, Inc.
2005	Divatude Me Queen Beauty Salon
2007	Divatude

22 Putnam Avenue

Year	Occupant/Listing
1940, 1945, 1949, 1960, 1965, 1970, 1973, 1976	Fannies Beauty Parlor Fannies Beauty Room

24 Putnam Avenue

Year	Occupant/Listing
1934	Palmer Edw. C. barber Middleton Marty bands and orchestras
1960	Mac Millan Madeline

26 Putnam Avenue

Year	Occupant/Listing
1940	Lynch Stationary
1945	Lynch Stationary Putnam Radio Service Co.
1949	R.H. Outfitters Lynch Stationary
1960, 1965	Jordan Henry Inchnet
1970	Thomas Austin Stationary
1973	Harry's Store

28 Putnam Avenue

Year	Occupant/Listing
1992, 1997, 2000	Putnam Auto Body Shop
2005, 2007, 2012	Downing Auto Body

102 Downing Street

Year	Occupant/Listing
1934	Downing's Garage
1976	El-Roy's Body and Fender Repair Service

106 Downing Street

Year	Occupant/Listing
1997, 2000, 2005	Robert Scarborough

Environmental Liens/Activity and Use Limitations

An Environmental Liens and Activity and Use Limitations (AULs) search for the subject property was ordered from EDR, Inc. An Environmental Lien is a charge, security or encumbrance upon title to a property to secure the payment of a cost, damage, debt or obligation arising out of response actions, cleanup or other remediation of hazardous substances or petroleum products upon a property. AULs are legal or physical restrictions or limitations on the use of, or access to, a site. AULs include both *institutional* controls, which are typically administrative measures including groundwater use restrictions, construction restrictions and property use restrictions, and *engineering* controls such as various forms of caps, building foundations, liners and/or treatment methods to prevent contaminants from entering environmental media or affecting human health.

An Environmental Liens and Activity and Use Limitations (AULs) search for the subject property was ordered from EDR, Inc., however, the report has not been received to date. The findings of this report will be forwarded upon receipt.

Previous Environmental Reports

There were not any previous environmental reports for the subject property provided to EPDSCO for review.

Data Failure

The ASTM Standard Practice E 1527-05 requires a discussion of any identified data failures as defined by the Practice. There were not any identified data failures in the information reviewed for this report.

Site Inspection

The subject property was inspected in order to identify potential recognized environmental conditions which may exist at the site. Such conditions include the on-site storage/use of hazardous materials, petroleum storage tanks, asbestos-containing materials, lead-based paints, as well as any visible indications of the past on-site storage/use/disposal of hazardous materials, etc.

Current Operations/Hazardous Materials

The operations at the site consist of a food cooperative, office uses, an auto repair garage, a small woodworking operation and vacant land. No operations involving the storage or use of hazardous materials or petroleum products were observed at the site, except at the auto repair garage. The auto repair operations use lubricating oils, brake fluids, transmission fluids and other automotive chemicals. Small quantities of these materials in individual containers (1-gallon or less) were observed in the repair shop. According to Mr. Murdock, the only wastes currently generated by the auto repair operations are waste oils, which are collected and stored in a single 55-gallon drum in the shop. The waste oil is periodically removed from the site by JB Waste Oil Company of Long Island City, New York; however, Mr. Murdock could not locate any waste pick up receipts at the time of the site visit. Slight, localized oil staining was observed at several locations on the floor of the garage.

Drainage Structures

Lavatory drains such as sinks and toilets were observed in the buildings. In addition, one floor drain was observed in the repair shop at 24-28 Putnam Avenue. According to Mr. Murdock, a second floor drain exists in the shop but was covered by a car and not visible at the time of the site visit. The drainage destination of these structures is not known; however, it is likely that they discharge to the municipal sewer system. The floor drain observed in the shop contained a small quantity of what appeared to be oily water.

Monitoring Wells

No groundwater monitoring wells were observed on the site or in the sidewalk in front of the property.

Petroleum Storage Tanks

A 275-gallon aboveground fuel oil tank was observed in the basement of the building at 106 Downing Street. The fill port and vent line for this tank were located in the sidewalk in front of the building. No staining, strong fuel oil odors or other visible indications of recent spills or leaks were observed around the tank, fill port or vent line. In addition, two pipes which appeared to be underground tank vent lines were observed protruding from the roof of the subject building at 24-28 Putnam Avenue. No tank fill ports were observed in this building or in the sidewalk adjoining the building. The 1938 through 2007 Sanborn maps of the site show a buried gasoline tank below the building at 24-28 Putnam Avenue.

The subject lots do not appear in the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) database, which lists all registered facilities with a total combined petroleum storage capacity in excess of 1,100 gallons.

Polychlorinated Biphenyls (PCBs)

Prior to 1979, PCBs were widely used in electrical equipment such as transformers, capacitors, fluorescent light ballasts, etc., for their cooling and insulating properties. The manufacture, processing and commercial distribution of PCBs was banned in 1979, under the Toxic Substances

Control Act (40 CFR Part 761. No electrical transformers or other equipment suspected of containing PCBs were observed on the subject property during our site visit.

Asbestos-Containing Materials

Asbestos is a natural mineral fiber which was widely used in the manufacture of building and insulating materials prior to the late 1970s, primarily due to its good insulation and mechanical resistance properties. Materials made with asbestos include thermal system insulation (TSI), such as aircell pipe wrap, boiler insulation and breaching, hot water/expansion tank insulation, castable elbow packing, magnesia block insulation, etc., surfacing materials, such as spray-on fire proofing and sound proofing, and miscellaneous materials such as floor tiles and roofing materials.

Given the age of the subject buildings (constructed prior to 1970), it is possible that they contain asbestos building materials. Potential asbestos-containing materials in the buildings include roofing materials, vinyl floor tiles, wall board and others.

Lead-Based Paint

Lead-based paint is hazardous when in a deteriorating condition (i.e., chipped, broken, crumbling, pulverized); and lead-based paint debris removed during construction/renovation work may be required to be disposed of as hazardous waste.

Given the age of the buildings it is possible that they contain lead-based paints.

Potable Water Supply

Potable water is supplied to the area of the subject site through the New York City Municipal water supply system, which obtains water from upstate reservoirs. This water is tested on a daily basis at various distribution points.

Surrounding Land Use

The subject lots are adjoined by residential and commercial/retail uses. Land uses in the immediate area surrounding the site are predominantly comprised of a mix of residential, commercial/retail, churches and schools. No gasoline filling stations or heavy industrial operations were observed within the immediate area surrounding the lots. A review of Sanborn maps shows that surrounding land uses in the area of the site have been predominantly comprised of a mix of residential, commercial/retail uses, schools and churches since the 1930s, with a few warehouses and auto repair garage (some with buried gasoline tanks) in the area.

Regulatory Agency Information and Databases

Regulatory agency environmental database information regarding known or suspected hazardous waste storage or disposal sites, reported spill incidents, registered petroleum storage tanks, solid waste facilities and landfills, etc. for the subject properties and surrounding area is obtained from Environmental Data Resources, Inc. (EDR) of Milford, Ct. These documented sites and incidents are listed in the following section for descriptive purposes. Their inclusion does not necessarily suggest any potential impacts to the subject property, but provides an indication of the potential for general groundwater and soil contamination in the larger area.

Federal Databases

Superfund Sites

The U.S. Environmental Protection Agency's (USEPA) National Priorities List identifies confirmed hazardous waste sites, (Superfund sites) that are ranked for clean-up under the federal Superfund program. This program was authorized by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA).

The lots are not on the USEPA National Priorities List. There are no USEPA Superfund sites identified within an approximate one-mile radius of the subject properties.

CERCLIS Sites

A check was made of the USEPA's CERCLA Information System (CERCLIS). The CERCLIS is a comprehensive database and management system that inventories and tracks sites addressed or needing to be addressed by the Superfund program. Sites that the USEPA decide do not warrant further evaluation under the Superfund program are delisted and given a No Further Remedial Action Planned (NFRAP) designation.

The lots are not on the USEPA's CERCLA Information System (CERCLIS) list. There are not any CERCLIS sites identified within ½ mile of the subject properties.

RCRA Treatment/Storage/Disposal Facilities

The USEPA's RCRA hazardous waste Treatment/Storage/Disposal (TSD) Facilities database includes facilities that transport, treat, store and/or dispose of hazardous wastes, or have engaged in these activities in the past. TSDF operators, as with hazardous waste transporters or generators, are regulated under the Resource Conservation and Recovery Act (RCRA).

The lots are not on the USEPA's RCRA hazardous waste TSD Facilities database list. There are not any RCRA TSD facilities listed within ½ mile of the subject properties.

RCRA CORRACTS

CORRACTS is a list of hazardous waste handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

The lots are not on the list. There are not any RCRA CORRACTS facilities identified within one mile of the subject properties.

RCRA Hazardous Waste Generators

RCRA Hazardous Waste Generators are regulated by the federal government under the Resource Conservation and Recovery Act (RCRA). An inventory of hazardous waste generators is useful to assess the kinds of hazardous materials/wastes that are handled, stored, and/or transported in the vicinity of the site, as well as on the subject property.

The lots and adjoining properties do not appear in the RCRA Hazardous Waste Generator database.

Emergency Response Notification System

USEPA's Emergency Response Notification System (ERNS) database contains information from federal agencies on CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity.

There are no reported ERNS releases or spills listed on the subject lots.

U.S. Institutional/Engineering Controls Lists

The U.S. Institutional Controls List is a database of sites with institutional controls in place, typically administrative controls such as groundwater use restrictions, construction restrictions, property use restrictions and post remediation care requirements intended to prevent exposure to contaminants remaining at a site. The U.S. Engineering Controls List is a database of site with engineering controls in place such as various forms of caps, building foundations, liners and/or treatment methods to prevent contaminants from entering environmental media or affect human health.

The lots and adjoining properties are not listed in the U.S. Institutional Controls or the U.S. Engineering Controls databases. There are not any facilities listed in the U.S. Institutional Controls or the U.S. Engineering Controls databases within ½ mile of the subject properties.

State Databases

Inactive Hazardous Waste Disposal Sites

A NYSDEC's Inactive Hazardous Waste Disposal Sites Registry contains information on potentially hazardous waste sites in New York State.

The lots are not included in the Registry. No Inactive Hazardous Waste Disposal sites are identified within one-mile of the subject properties.

State Institutional/Engineering Controls Lists

The State Institutional Controls List is a database of sites with institutional controls in place, typically administrative controls such as groundwater use restrictions, construction restrictions, property use restrictions and post remediation care requirements intended to prevent exposure to contaminants remaining at a site. The State Engineering Controls List is a database of site with engineering controls in place such as various forms of caps, building foundations, liners and/or treatment methods to prevent contaminants from entering environmental media or affect human health.

The lots and adjoining properties are not listed in the State Institutional Controls or the State Engineering Controls Lists. There are no State Institutional Controls or the State Engineering Controls sites located within ½ mile of the subject properties.

Spill Logs

The NYSDEC Spill Logs database for Region 2 (New York City) was checked for reported spills of toxic or hazardous materials (including petroleum products) within ½ mile of the subject properties. Spill incidents listed as "Active" indicate that the spill is either still undergoing remediation, or awaiting completion of paperwork for closure. Spill incidents listed as "Closed" indicate that the NYSDEC required no additional remedial measures at the time of spill closure. Spills listed as tank failures or tank test failures indicate the possibility of oil or gasoline seepage to the surrounding soils or groundwater. Other spills (i.e., accidents, sloppy housekeeping, equipment failures, etc.) may only affect surface soils.

The lots are not identified in the NYSDEC Spill Logs database.

There are 38 leaking tank spill incidents listed within ½ mile of the subject properties, all of which have been closed by the NYSDEC (see Attachment C). In addition to the Leaking Tank spill incidents, there are nine spill incidents from other causes listed in the database. All nine of these incidents have been closed by the NYSDEC.

Based on a review of the spill incidents in the area of the subject properties, it is considered unlikely that they would have significantly impacted the properties, based on the nature of the spill incidents, the distance or direction from the properties, or their current regulatory status.

Petroleum Bulk Storage Facilities

A check was made of the most recent NYSDEC Petroleum Bulk Storage (PBS) database. Petroleum bulk storage facilities have petroleum storage capacities in excess of eleven hundred (1,100) gallons, and less than four hundred thousand (400,000) gallons.

The lots are not identified in the PBS database. Three adjoining properties are listed in the PBS database (see Attachment C). According to information in the database report, all three of these sites contain aboveground heating oil tanks, ranging in size from 1,500 gallons to 7,500 gallons. There are not any "Active" NYSDEC-reported spill incidents at any of these adjacent locations.

Major Oil Storage Facilities

The NYSDEC Major Oil Storage Facilities (MOSF) database, which lists all facilities (onshore facilities or vessels) with petroleum storage capacities of 400,000 gallons or greater, was reviewed.

The lots are not identified in this database. There not any NYSDEC MOSF sites identified within an approximate 1/2-mile radius of the subject properties.

Chemical Bulk Storage Facilities

The NYSDEC Chemical Bulk Storage (CBS) database was reviewed. Chemical bulk storage facilities store regulated hazardous substances in aboveground tanks with capacities of one hundred eighty-five (185) gallons or greater, and/or in underground tanks of any size.

The lots and adjoining properties do not appear in the CBS database.

Solid Waste Facilities

A check was made of the NYSDEC database of solid waste facilities, including, but not limited to, landfills, incinerators, transfer stations, recycling centers.

The lots are not identified in this database. There are four Solid Waste Facility sites located within ½ mile of the subject lots, all of which are located more than 1/8 mile from the properties. Two of these sites are inactive vehicle dismantling facilities, one is an inactive transfer station and one is an active vehicle dismantling facility.

Voluntary Cleanup Program Sites

The New York State database of sites with Voluntary Cleanup Agreements was reviewed. The Voluntary Cleanup Program (VCP) was established to address the environmental, legal and financial barriers that often hinder the re-development and re-use of contaminated properties. The VCP enhances private sector cleanup of contaminated sites by enabling parties to remediate sites using private rather than public funds.

The lots are not on the VCP database. There are not any VCP sites listed within ½ mile of the properties.

Brownfield Site List

The New York State list of Brownfield sites was reviewed. A Brownfield is any real property where re-development or re-use may be complicated by the presence of potential presence of a hazardous waste, petroleum, pollutant or contaminant.

The lots are not on the list. There are no Brownfield sites identified within ½ mile of the properties.

Radon

Radon, a naturally occurring radioactive gas, is the product of the decay of radium. It is found most frequently in relatively high concentrations in rock formations containing uranium, granite, shale, phosphate, and pitchblende. Radon may also be found in soils contaminated with industrial waste from uranium and phosphate mining. Radon as a gas can move through the soil and water, and into the atmosphere, and is a potential health concern if confined in sufficiently high concentrations in indoor environments. The U.S. Environmental Protection Agency (USEPA) has set an "action level" of 4.0 picocuries per liter for continuous long-term exposure to radon gas. If radon gas is measured above this level, USEPA suggests follow-up testing and remediation measures.

According to data compiled by the Bureau of Radiation Protection, New York State Department of Health, New York City has one of the lowest average levels of basement radon measurements in New York State. The latest statistics indicate an average of 1.4 picocuries/liter for New York City (an average of the five counties), compared to a statewide average of 5.6. Based on these low

average levels for New York City, it is unlikely that radon gas levels at the subject property exceed the USEPA action level of 4.0 picocuries per liter, and therefore radon testing is typically not recommended.

Site Topography and Elevation

The subject site is mapped on the USGS 7.5 Minute Topographic Map Brooklyn, New York Quadrangle (1995). The general elevation for the sites is depicted as approximately 70 feet above mean sea-level. The topography in the area of the subject property is generally level.

D. SCOPE OF WORK

Historical site research is important in the assessment of the likelihood of past releases of hazardous substances (which include petroleum products). Sources of historical information for the subject property include:

- Local library documents (historical, maps, atlases, address directories).
- Interviews with site contacts, current site operators, and site owners.
- USGS topographic maps, land use and zoning maps, flood plain maps.
- New York City Buildings Department for building history including construction, demolition, and alteration permits.

The following regulatory agency lists and databases of documented hazardous waste sites, waste handlers, and spills are checked for the vicinity of the subject property:

- U.S. Environmental Protection Agency for location of Superfund and CERCLIS sites, ERNS database, and RCRA Hazardous Waste Generators and Treatment/Storage/ Disposal Facilities (TSDF).
- New York State Department of Environmental Conservation, Region 2, for hazardous waste spill logs, Inactive Hazardous Waste Disposal Sites, and registered tank lists, Solid Waste Facilities.
- New York City Fire Department, for permits for petroleum storage tanks, and for the bulk storage of other flammable materials.

The site visit involves a review of current operations, interviews with knowledgeable on-site occupants or building managers, and inspection of accessible areas of the building and inspection of the property for visible indications of any significant contamination by toxic or hazardous materials. The investigation includes the following objectives:

- To identify sources of potential on-site contamination, such as underground storage tanks, dry wells, interior floor drains, transformers (which may contain PCBs), suspected asbestos-containing materials, and suspected lead-based paints, etc.
- To examine the property for signs of potential contamination: stained soils, unusual odors, stressed or dead vegetation, improperly stored drums, oil slicks, on-site waste disposal/dumping, etc.
- To identify the quantity and type of toxic or hazardous substances (if any) used in the on-site operations.
- To determine if any on-site toxic and hazardous materials are stored, handled and disposed of in accordance with good practice, minimizing the potential for contamination.
- To identify potential off-site sources of contamination. Adjacent uses are noted, particularly auto-related and industrial sites.
- To identify on-site or adjacent off-site sensitive receptors, such as wetlands, surface waters, drinking water wells.

Not all of the objectives described above are applied to every site; investigations are tailored to the particular nature of the site. It should be noted that information requested from regulatory agencies may be incomplete or unavailable within a reasonable time period.

E. QUALIFICATIONS

EPDSCO, Inc. is an environmental consulting firm that has undertaken environmental site assessment studies since 1987. These site evaluation studies have been prepared for major lenders, public corporations, businesses, and governmental agencies.

Individual qualifications of personnel, including specific credentials of persons involved in the preparation of this report, can be provided upon request.

F. DISCLAIMER

This report is for use by Big Apple Developers, and is only to be used as a guide in determining the potential for contamination by toxic or hazardous materials on the subject property at the time of the site visit. This Phase I Environmental (ESA) is based principally on the review of historic and regulatory records (made available within a reasonable time period), relating to past occupants and usage of the subject property, as well as activities at nearby sites, and upon a visual assessment of the subject property, and makes no determinations with respect to portions of the subject property and its structures which were not inspected.

This Phase I ESA does not involve any sampling, testing, or laboratory analysis of subsurface soils, groundwater or building materials or other substances on-site, but constitutes only the professional opinion of our staff based on established procedures and protocols. This Phase I ESA is not, and should not be construed as, a guaranty, warranty, or certification of the presence or absence of toxic or hazardous substances, which can be made only with testing, and contains no formal plans or recommendations to rectify or remediate the presence of any toxic or hazardous substances, which may be subject to regulatory approval.

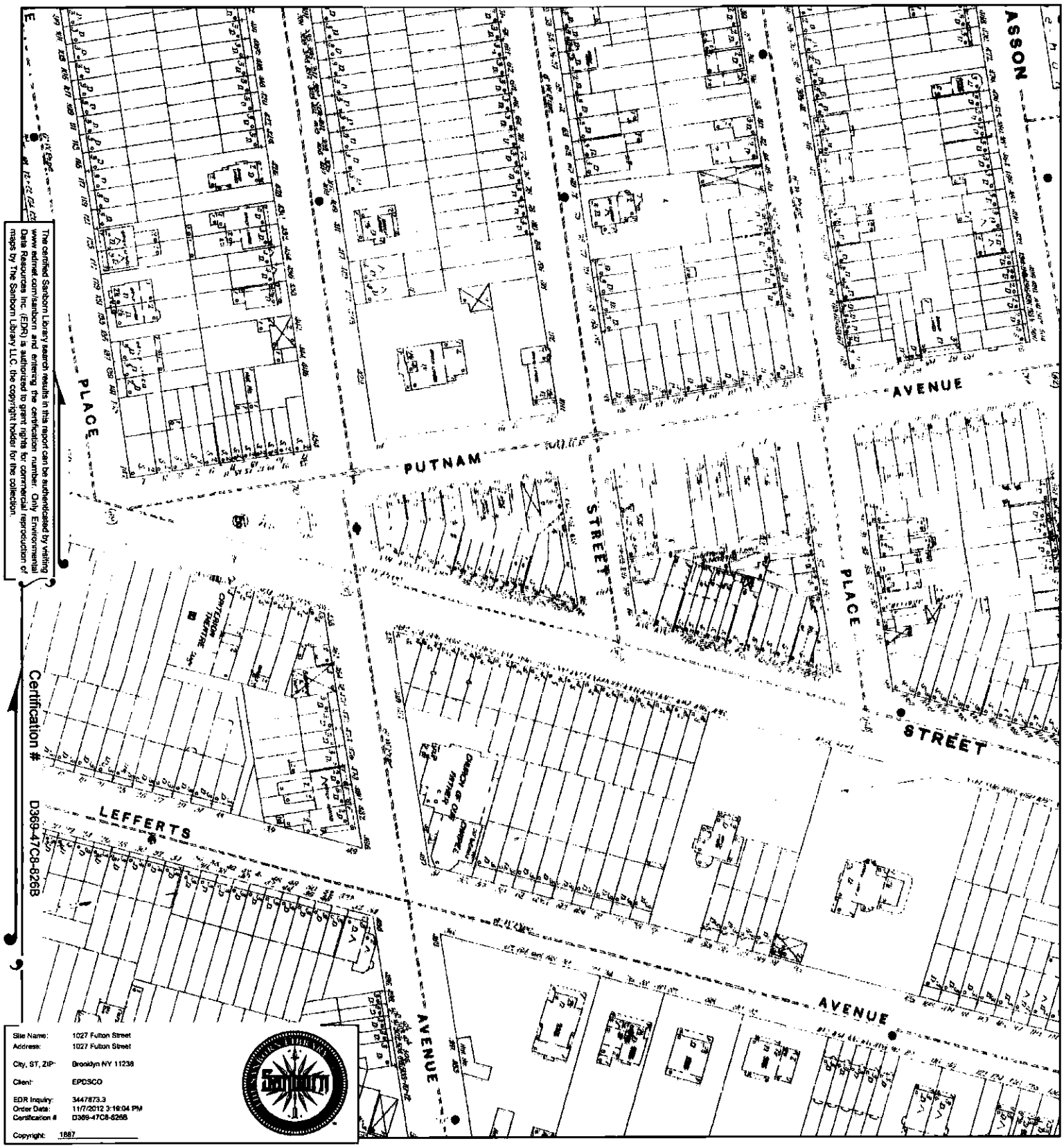
Any and all liability shall be limited solely to the cost of this Environmental Site Assessment report. EPDSCO Inc., shall have no liability for any other damages, whether consequential, compensatory, punitive, or special, arising out of incidental to, or as a result of, this assessment. We assume no liability for the use of this report by any person or entity other than the institution and/or entities or persons for whom it has been prepared.

ATTACHMENT A

FIGURES

Figure 1
Subject Property Location
USGS 7.5 Minute Series Topographic Map
Brooklyn, N.Y. Quadrangle (1995)

1887 Certified Sanborn Map



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City, ST, ZIP:	Brooklyn NY 11238
Client:	EPDSCO
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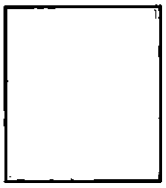

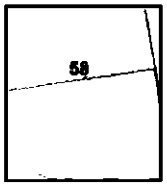

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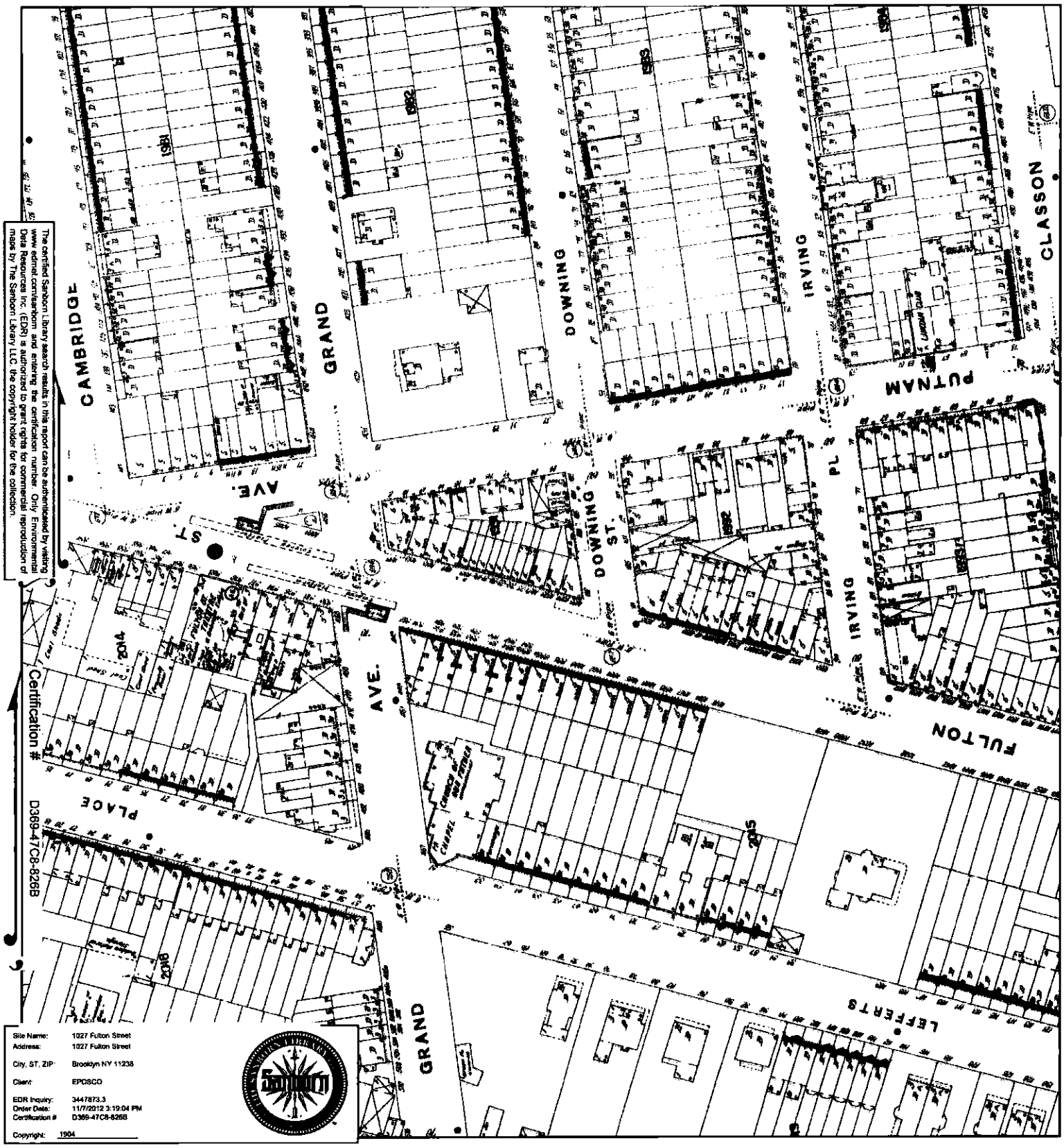
1904 Certified Sanborn Map



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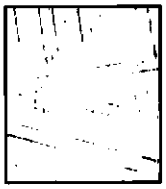

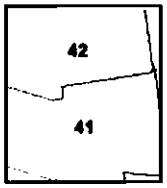

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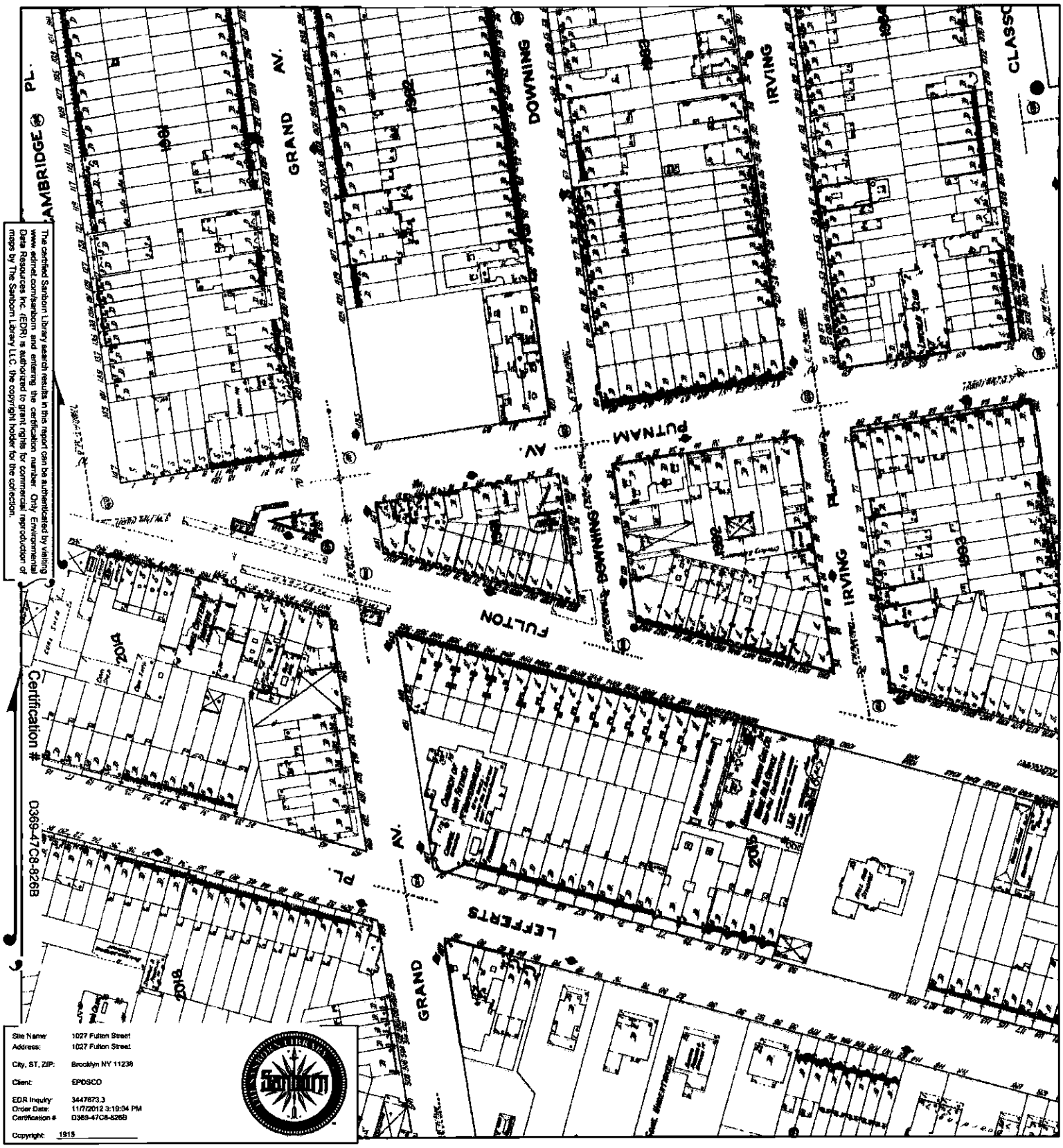

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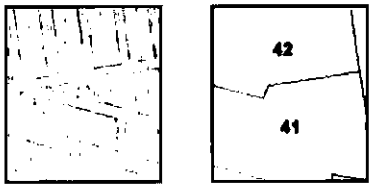

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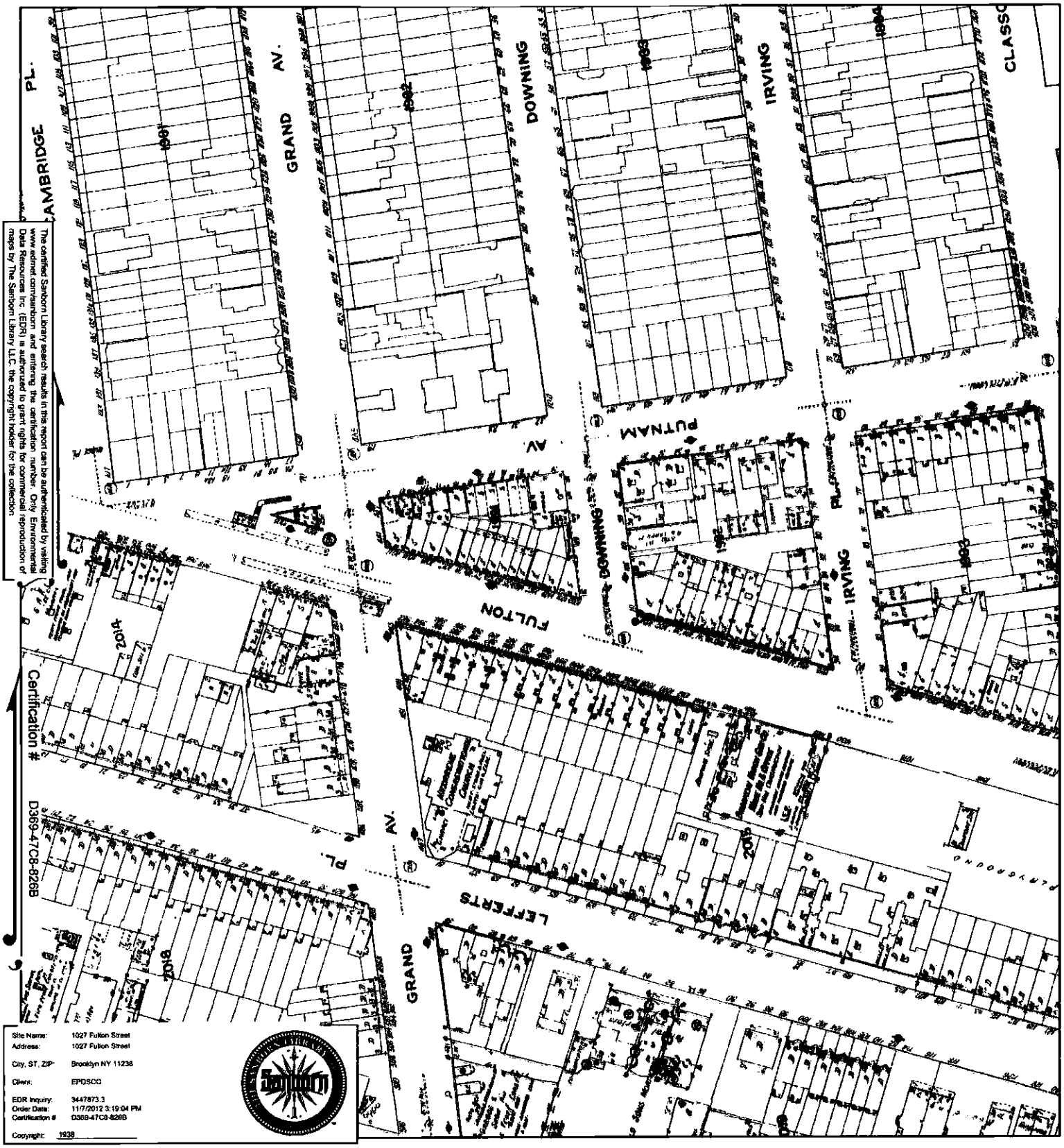
1938 Certified Sanborn Map



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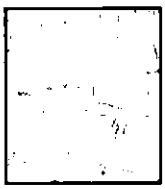

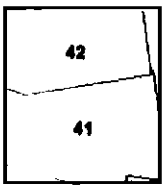

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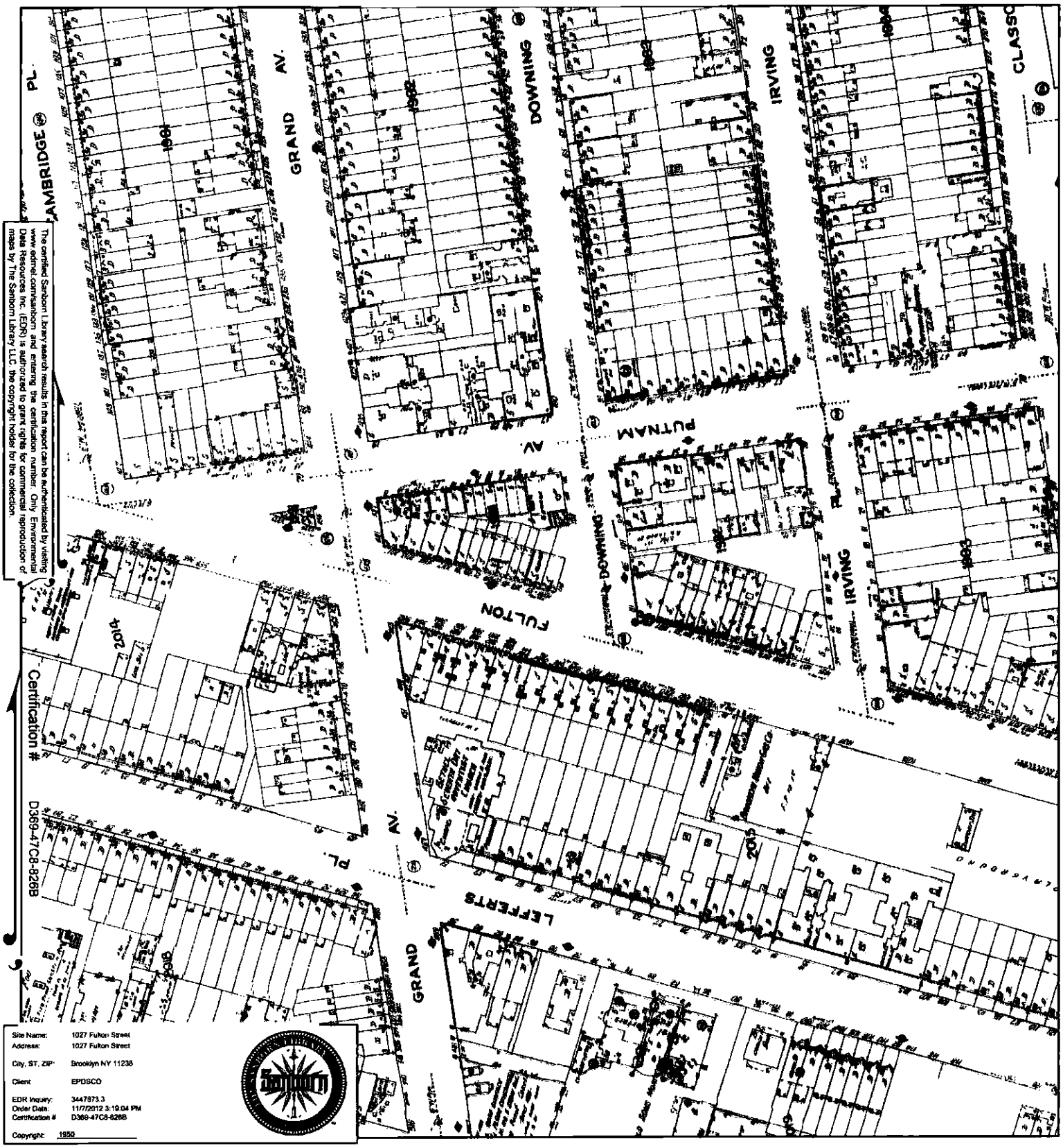

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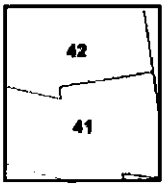

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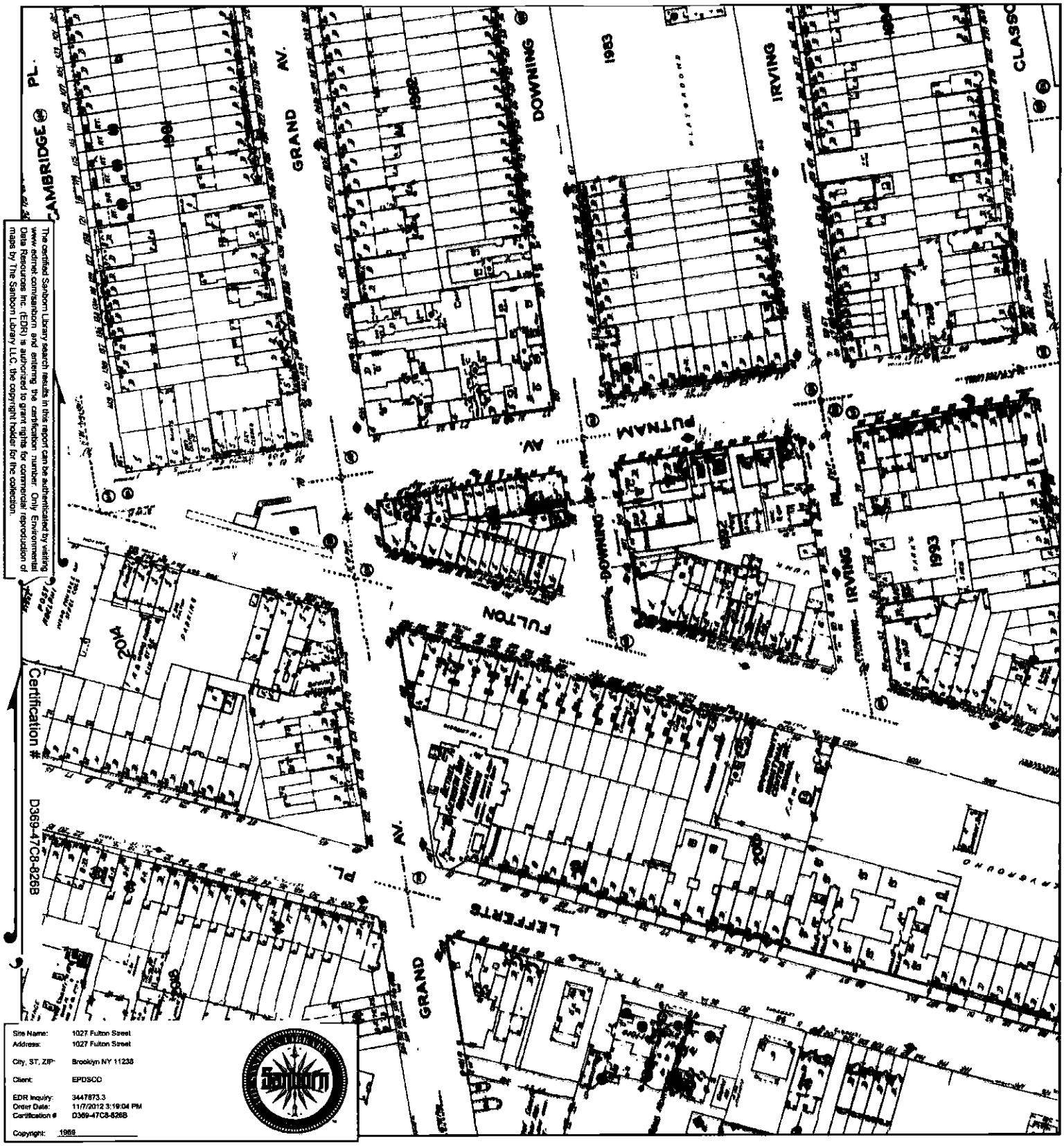

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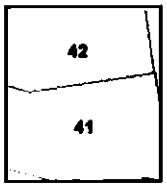

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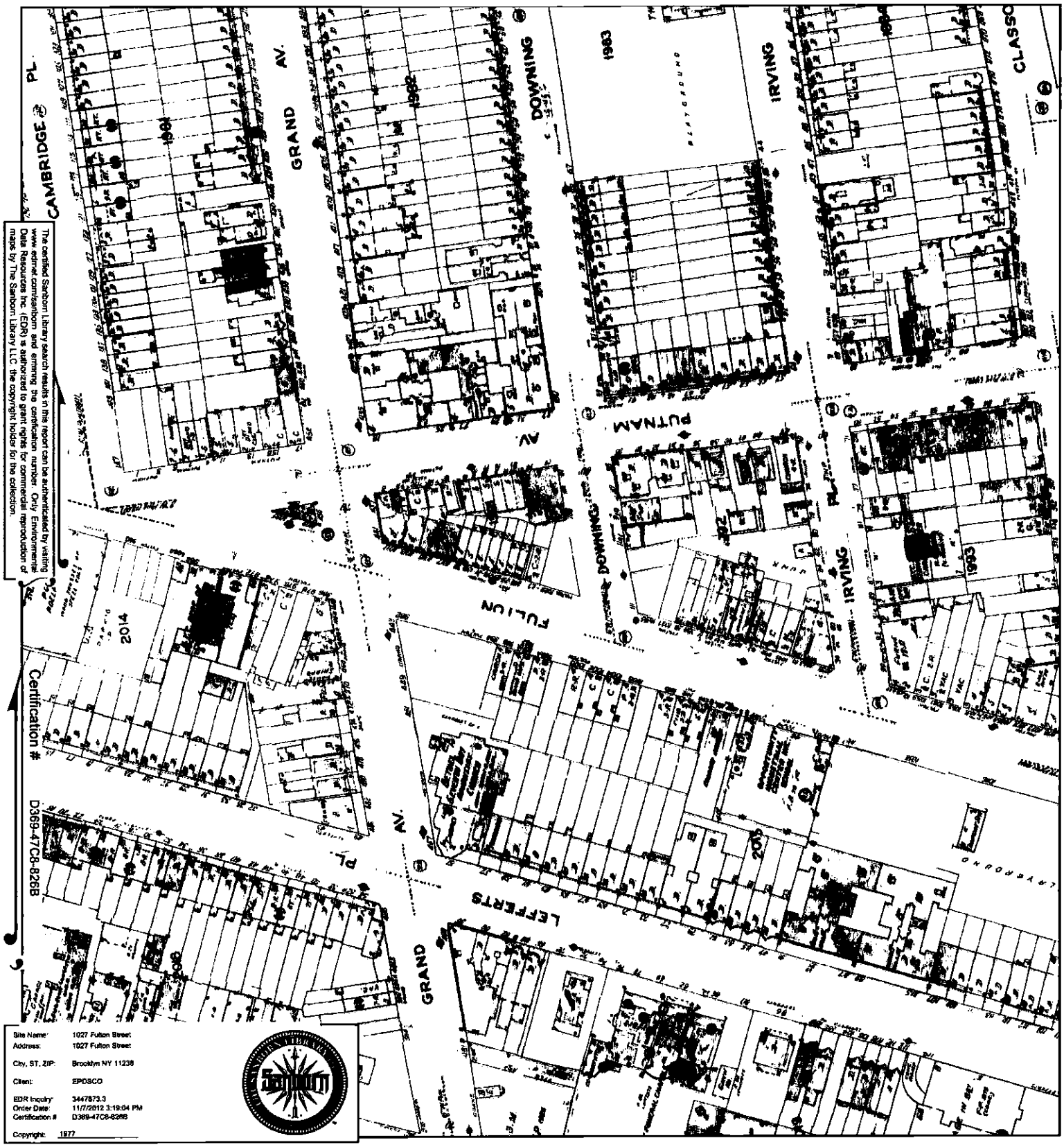
1977 Certified Sanborn Map



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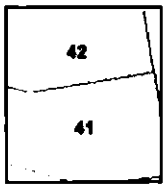

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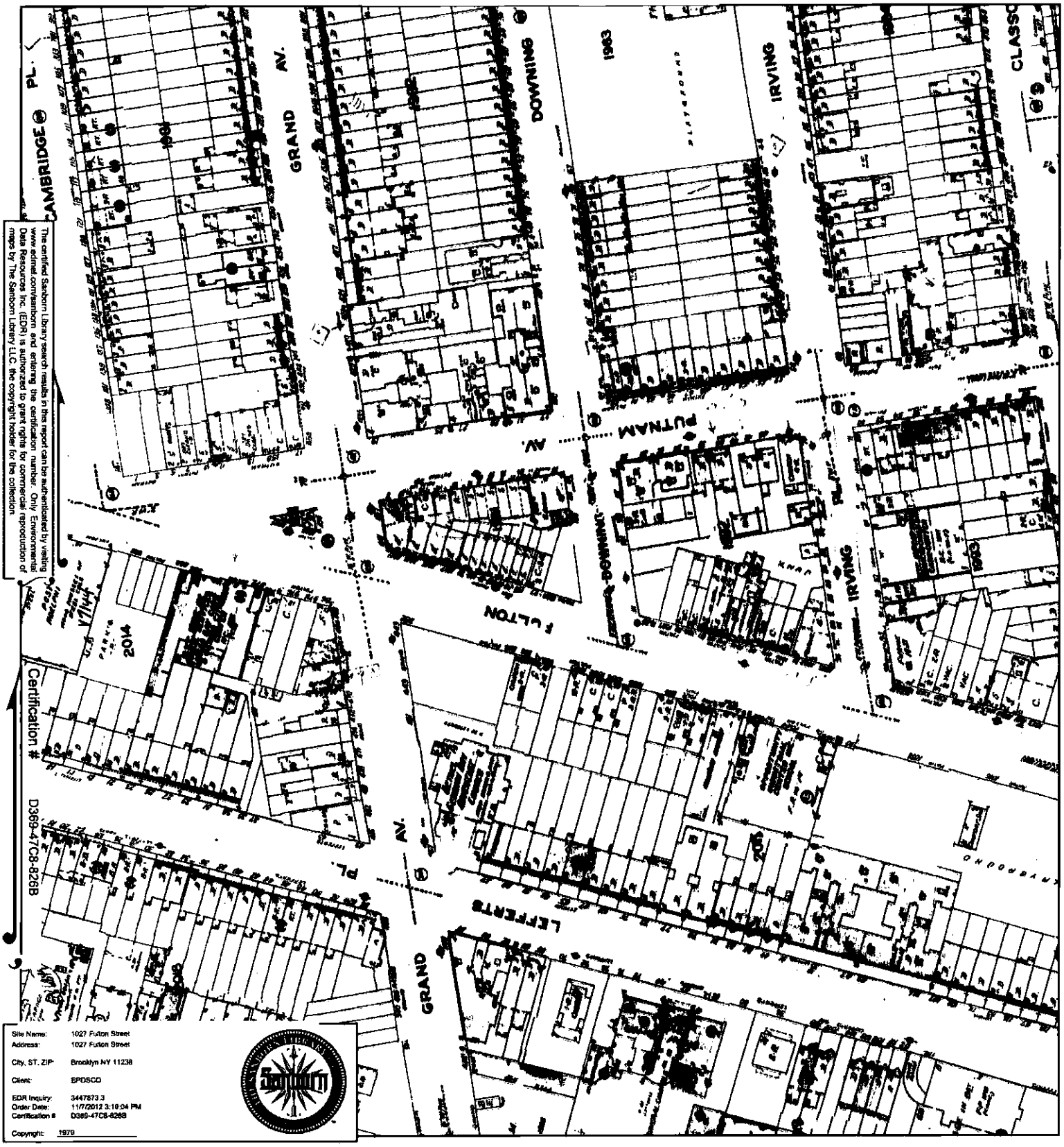

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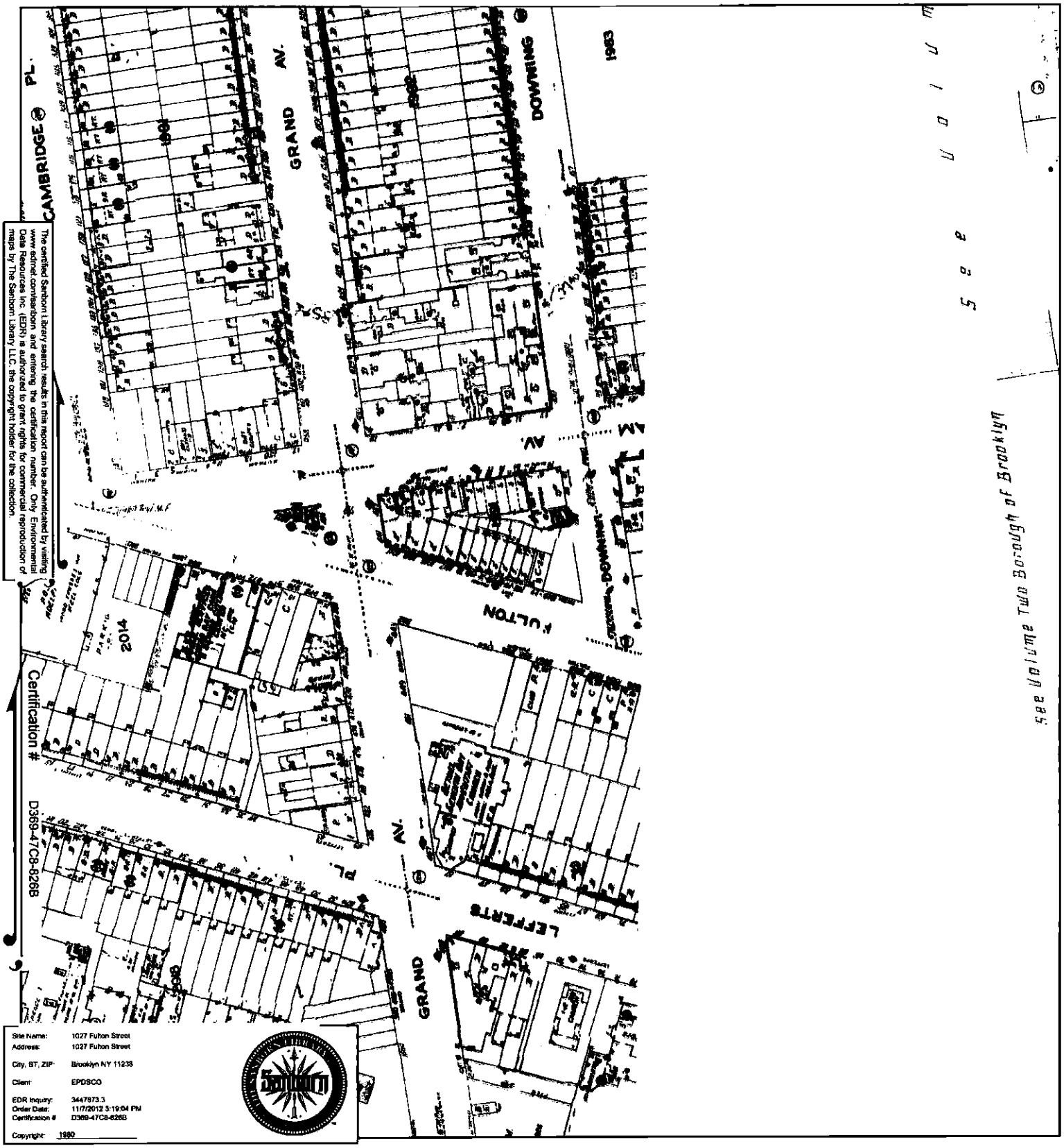
1980 Certified Sanborn Map



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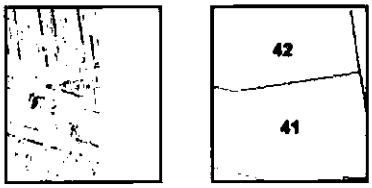

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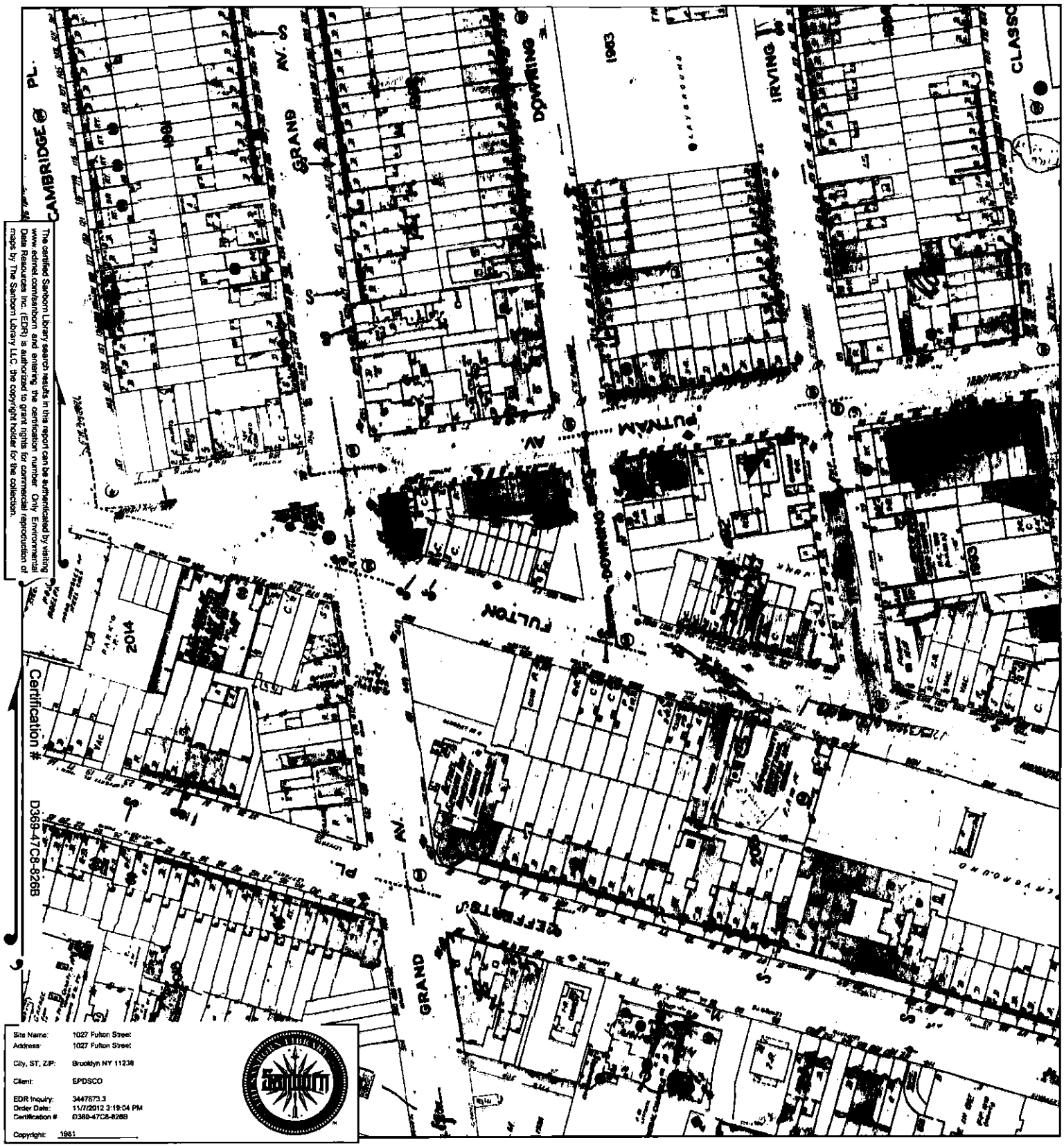
1981 Certified Sanborn Map



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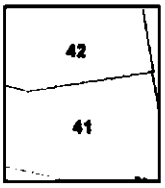

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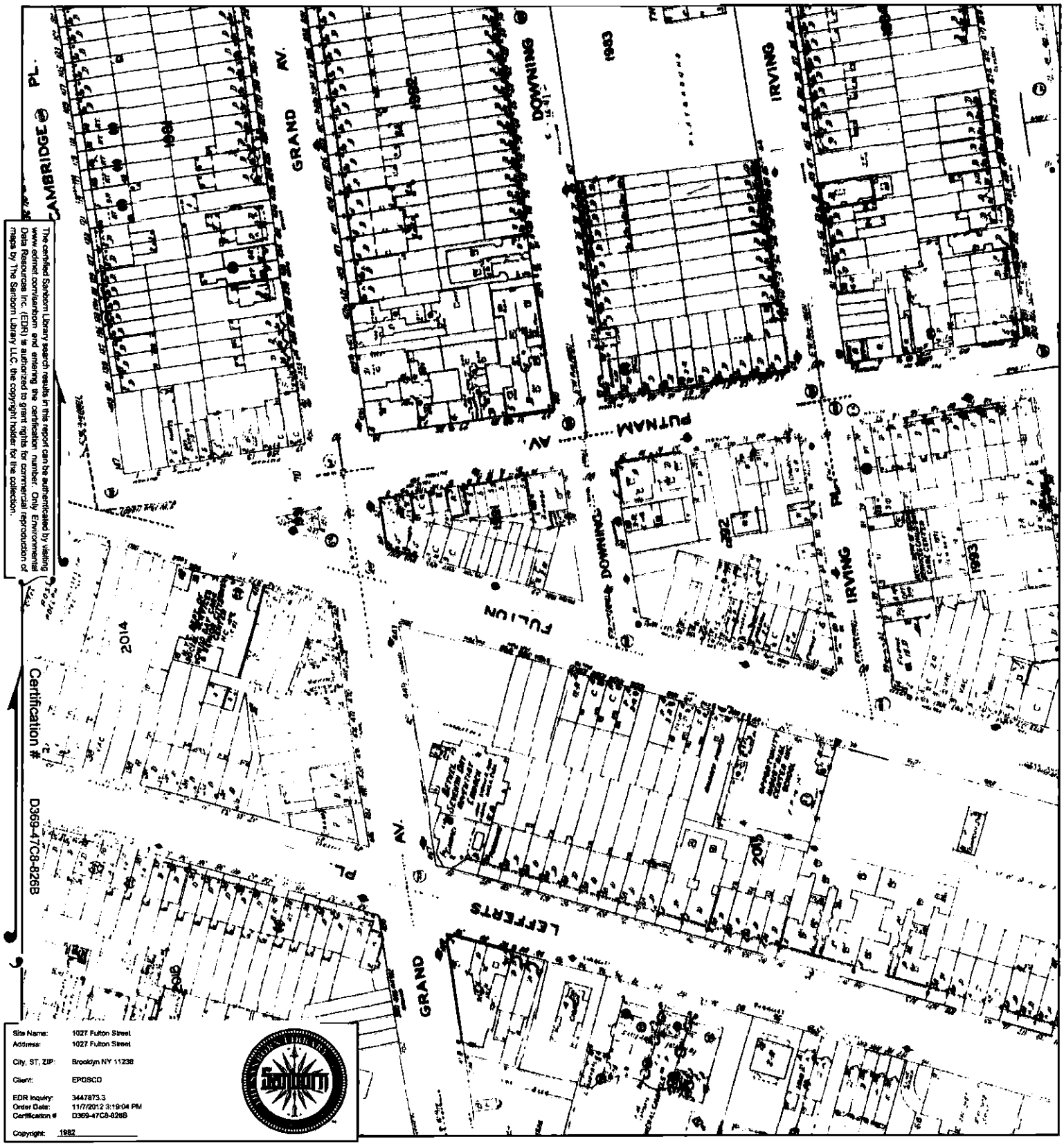

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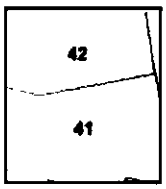

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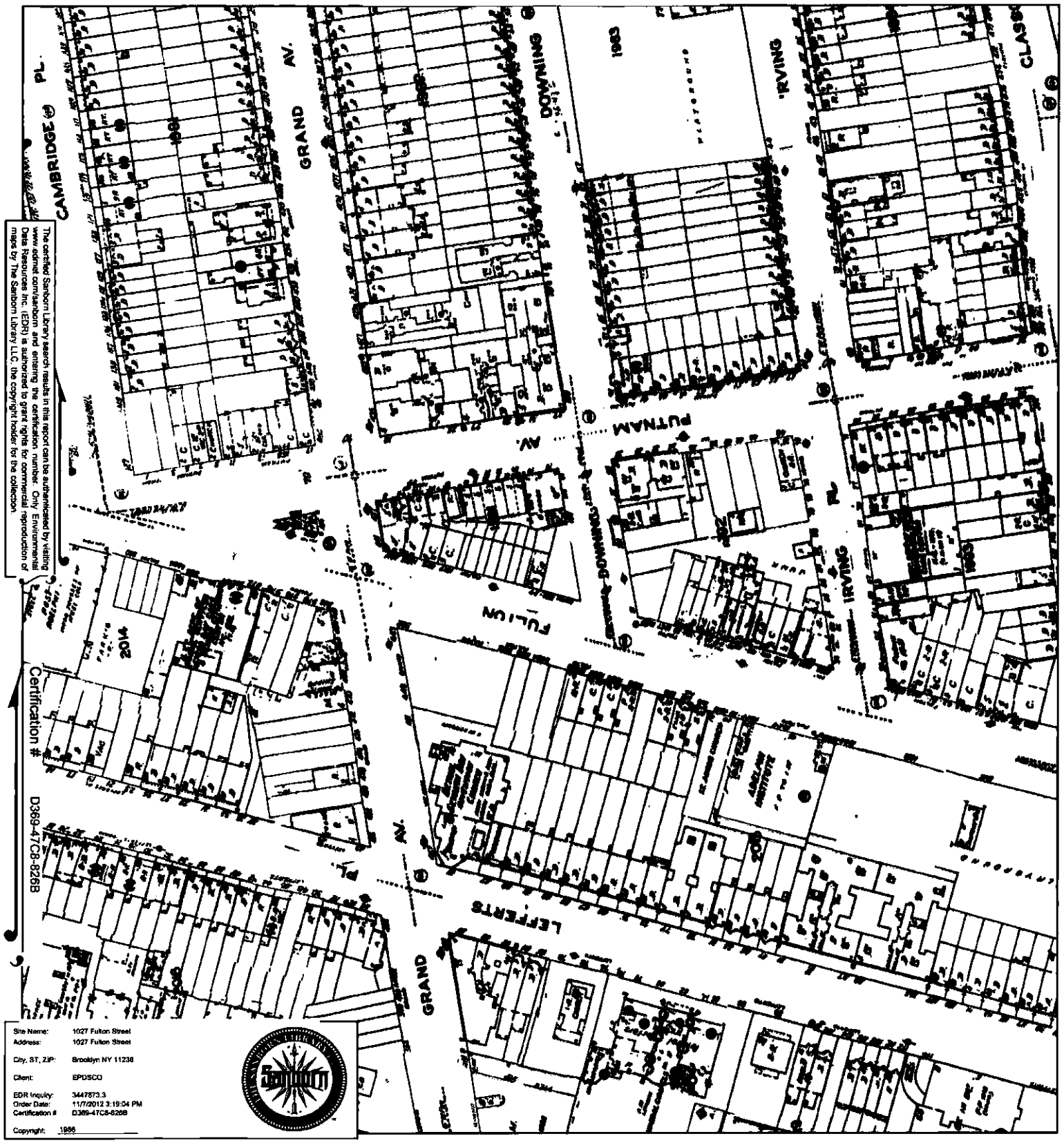

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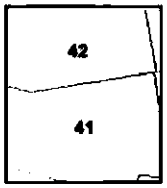

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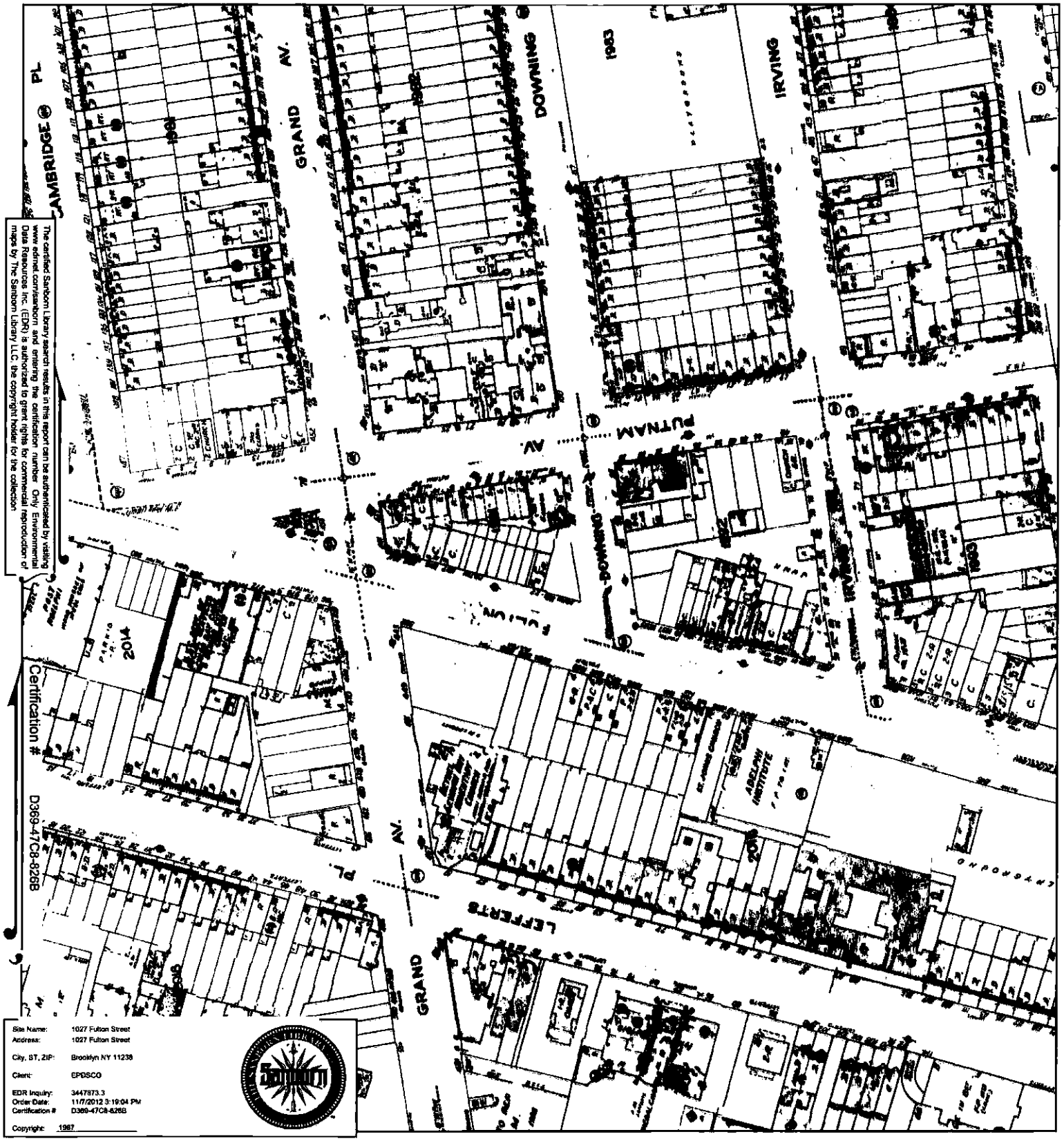

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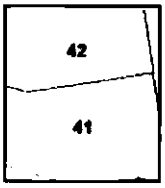

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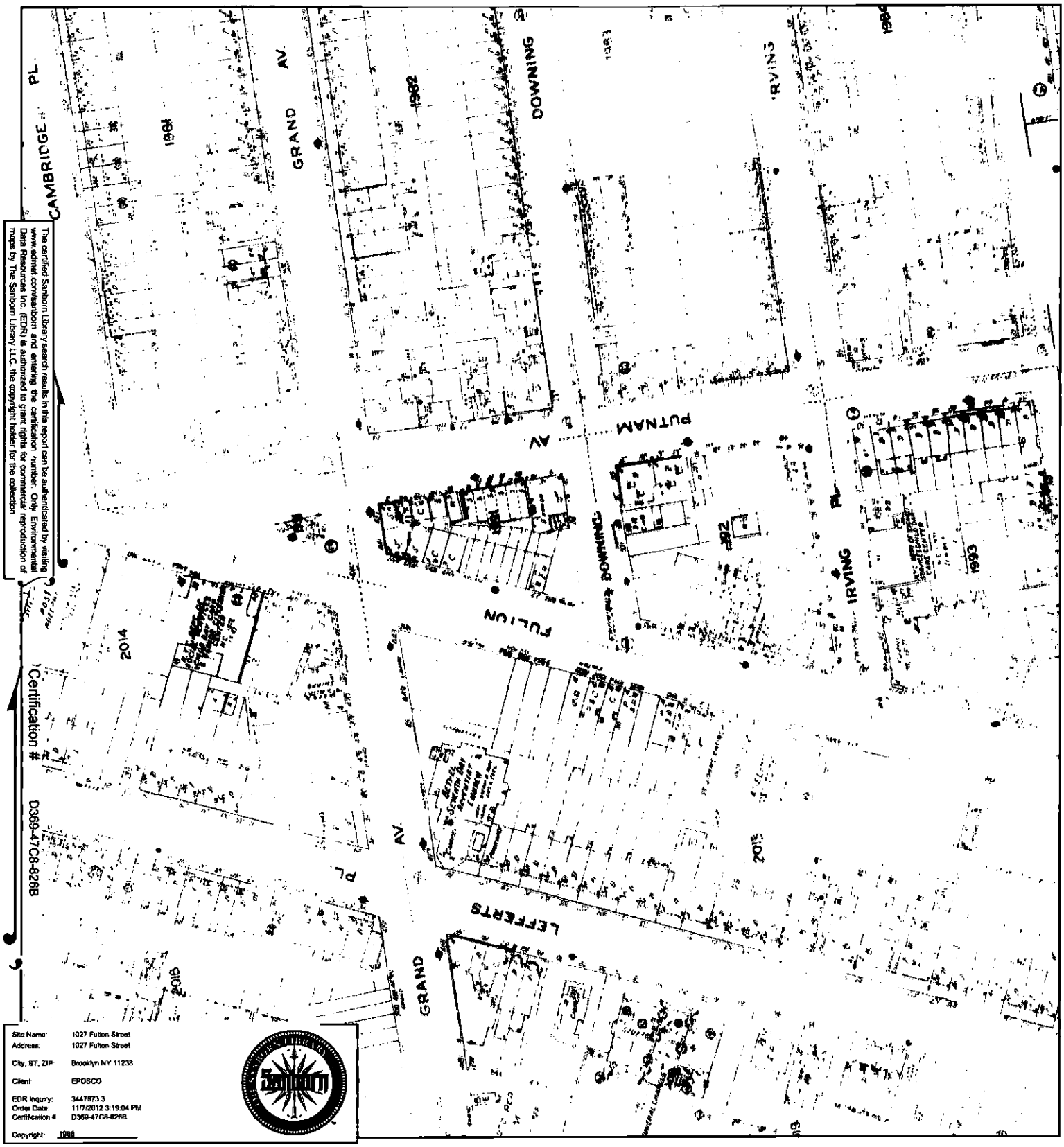

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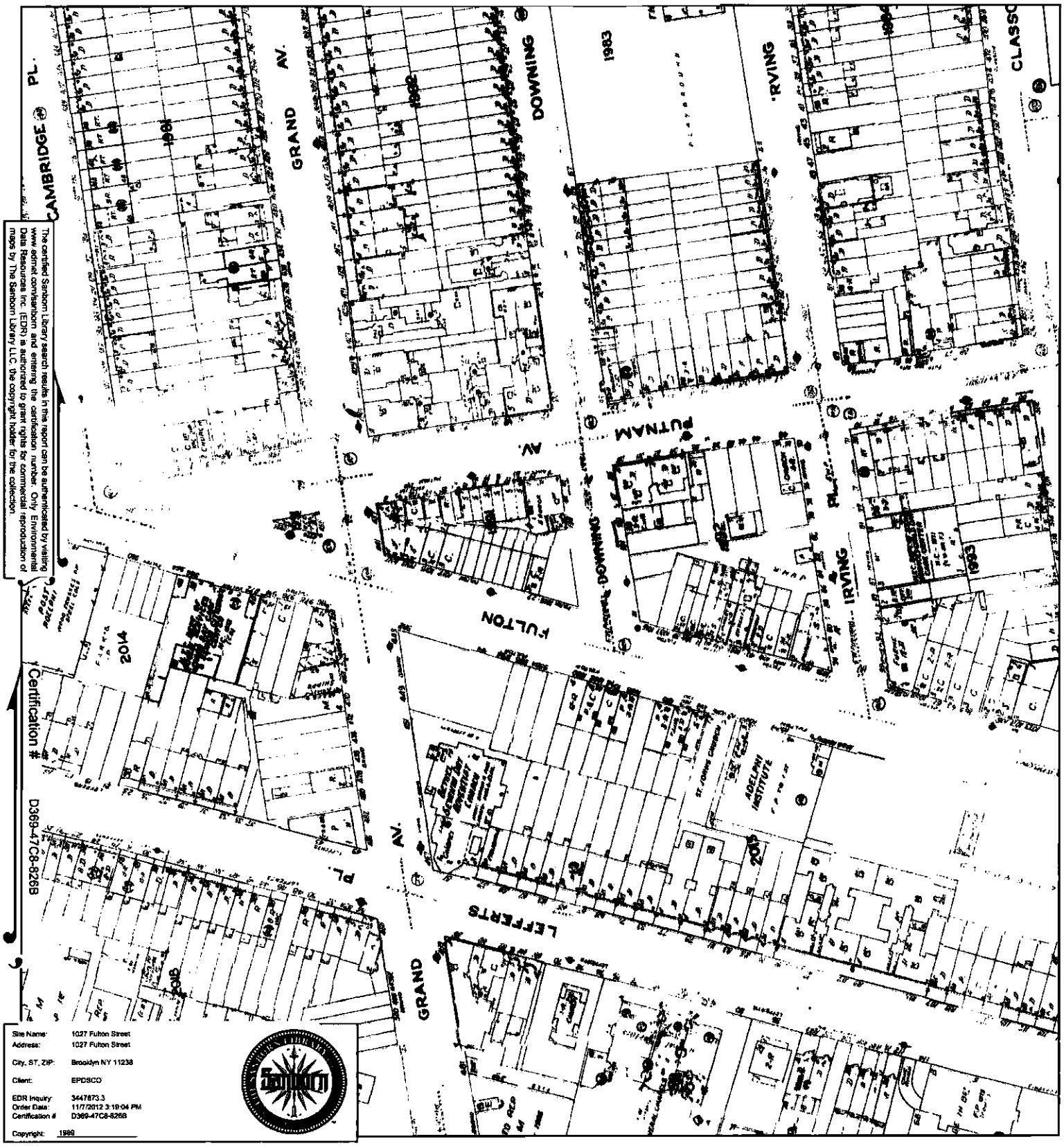

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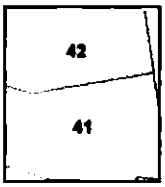

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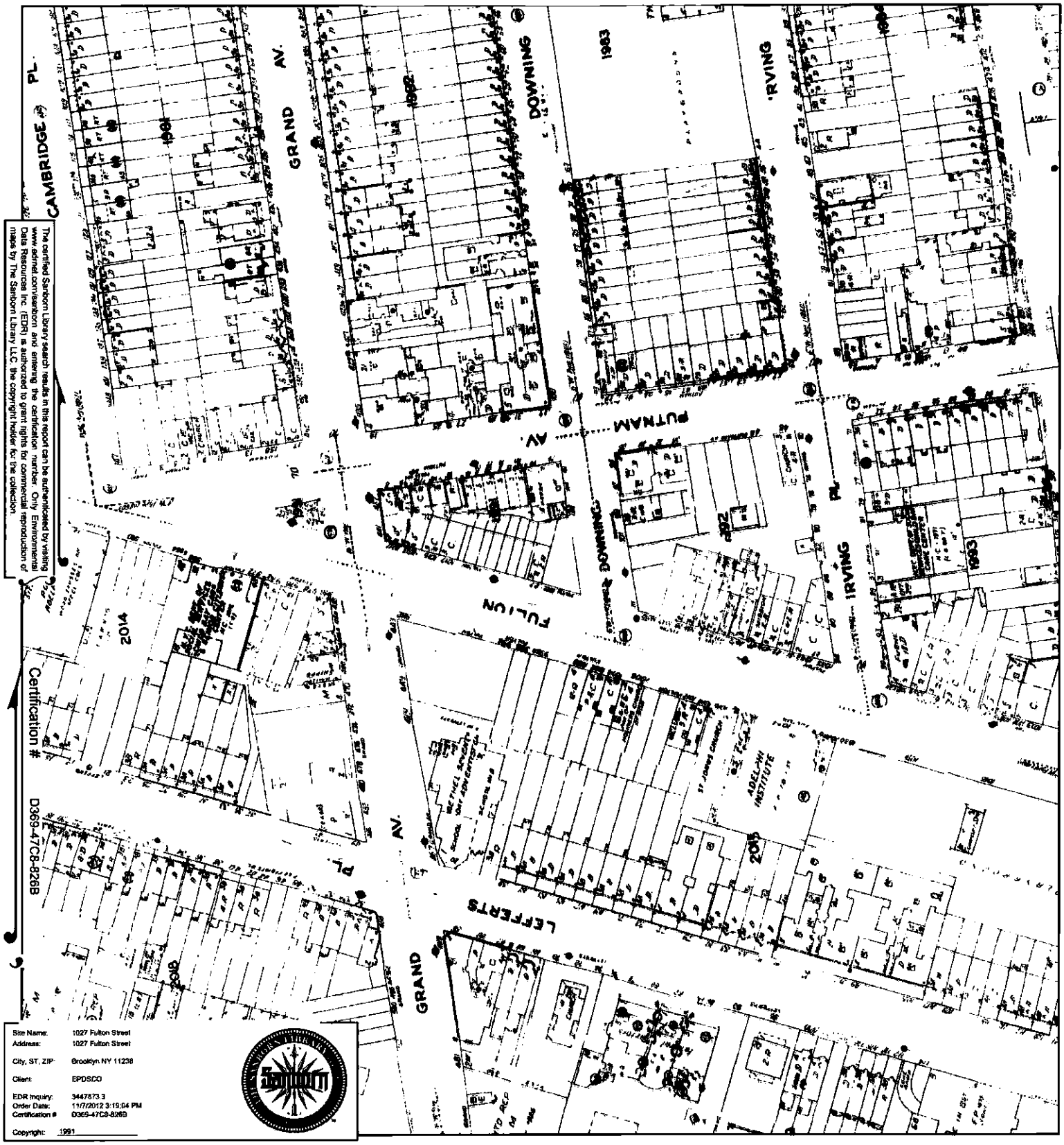

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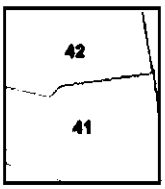

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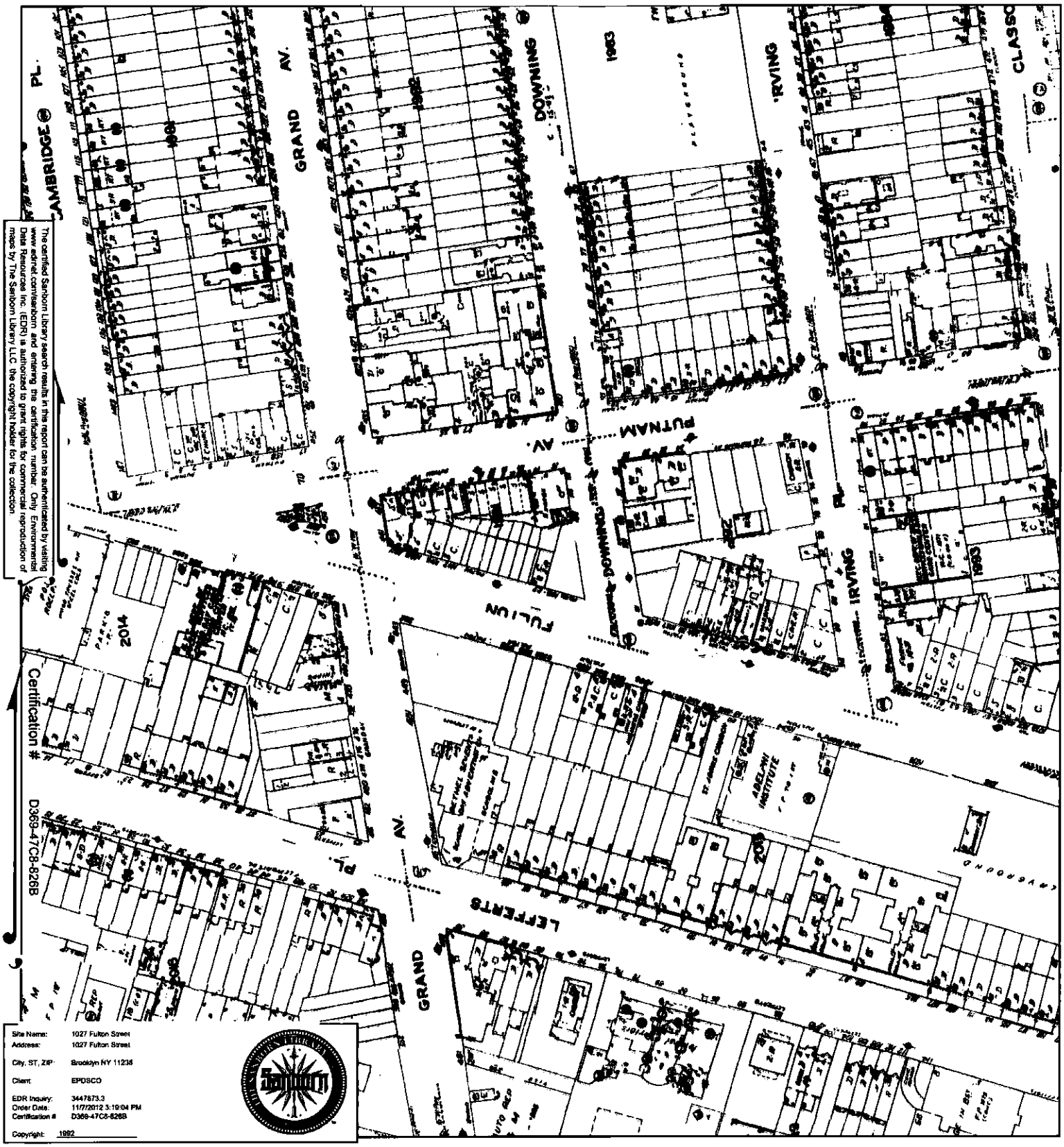

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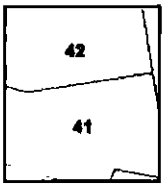

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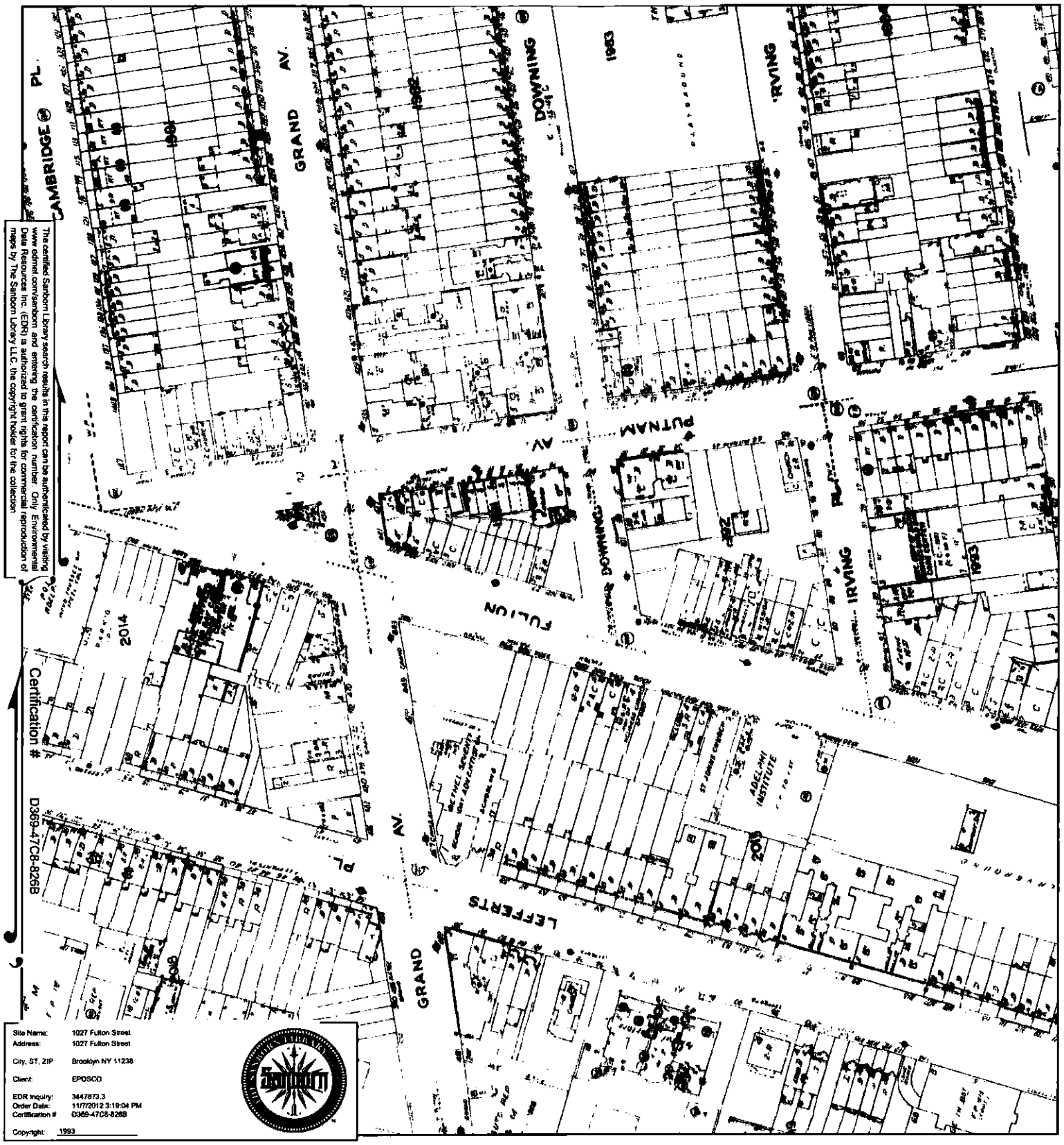

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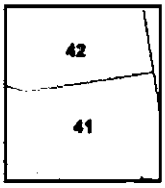

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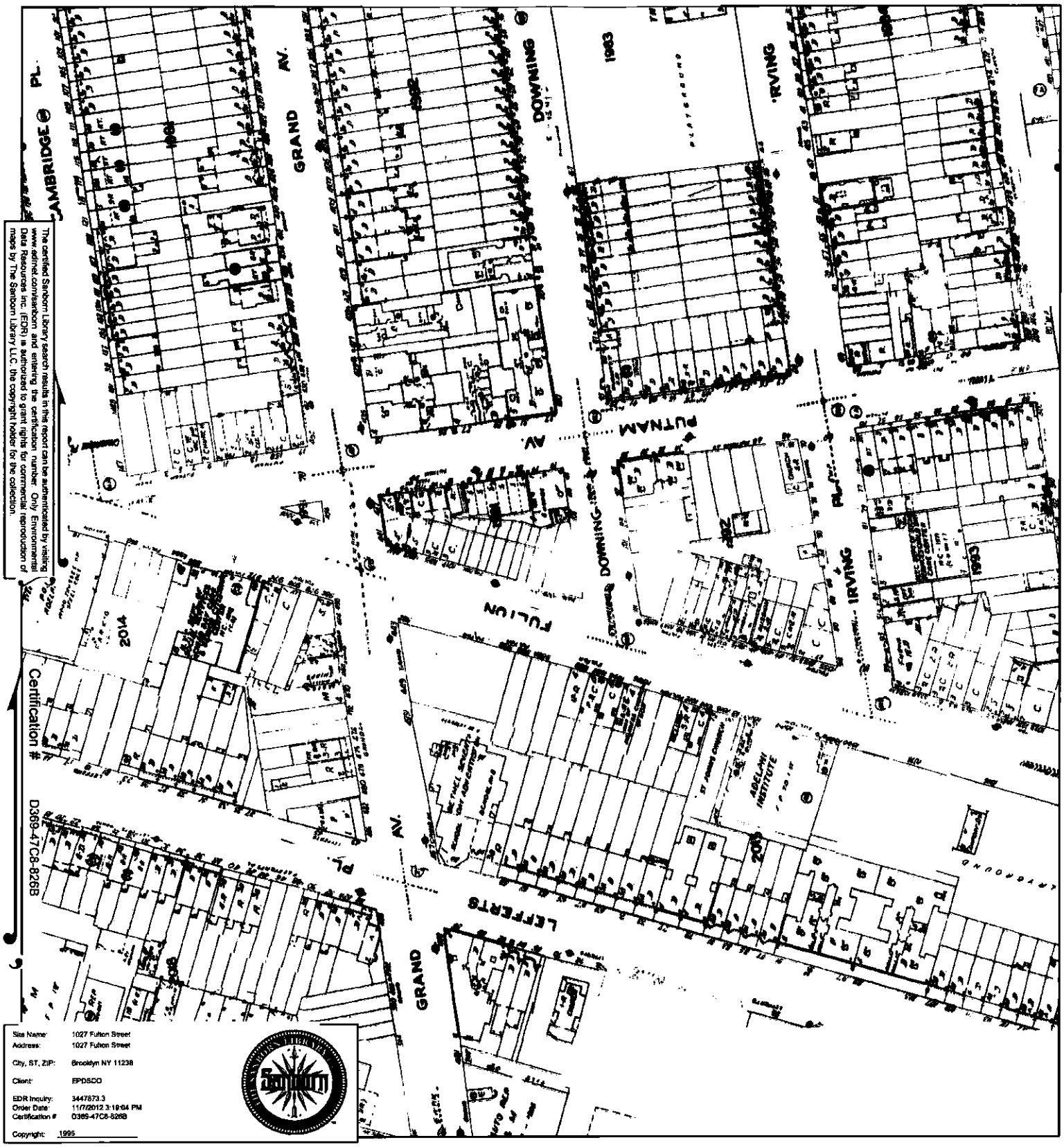

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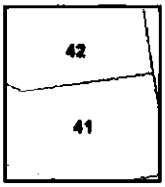

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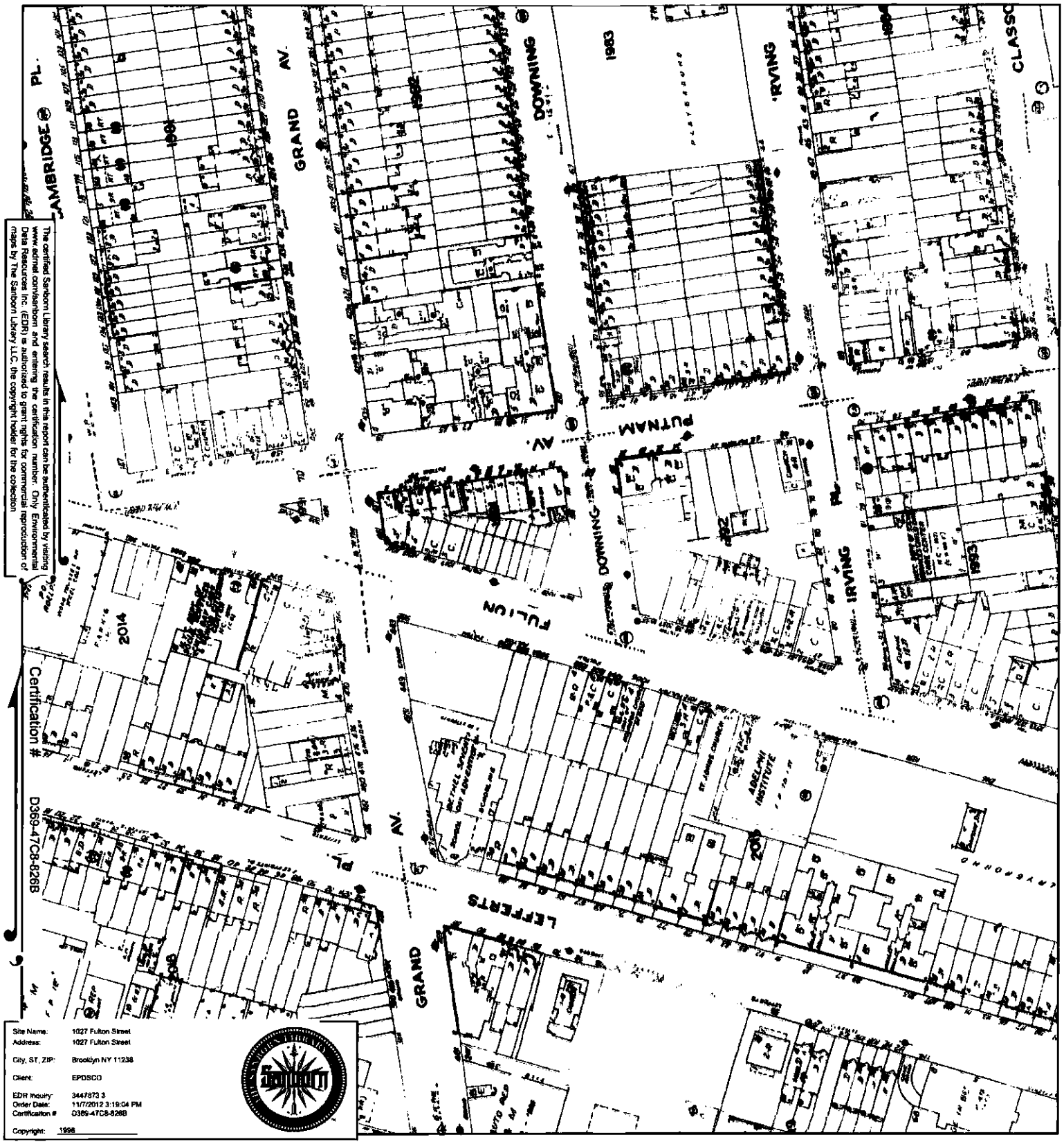

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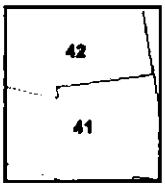

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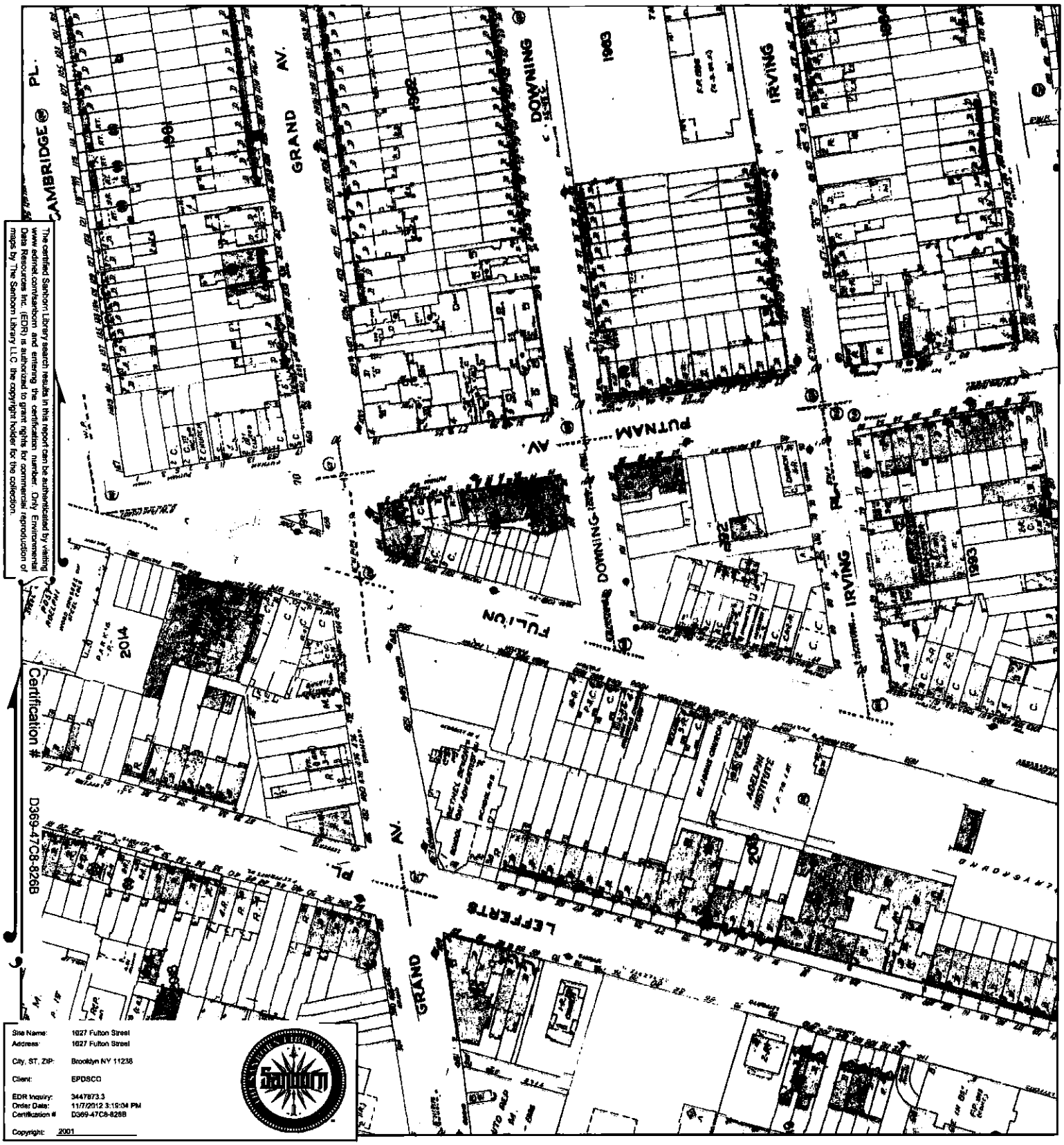

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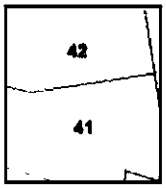

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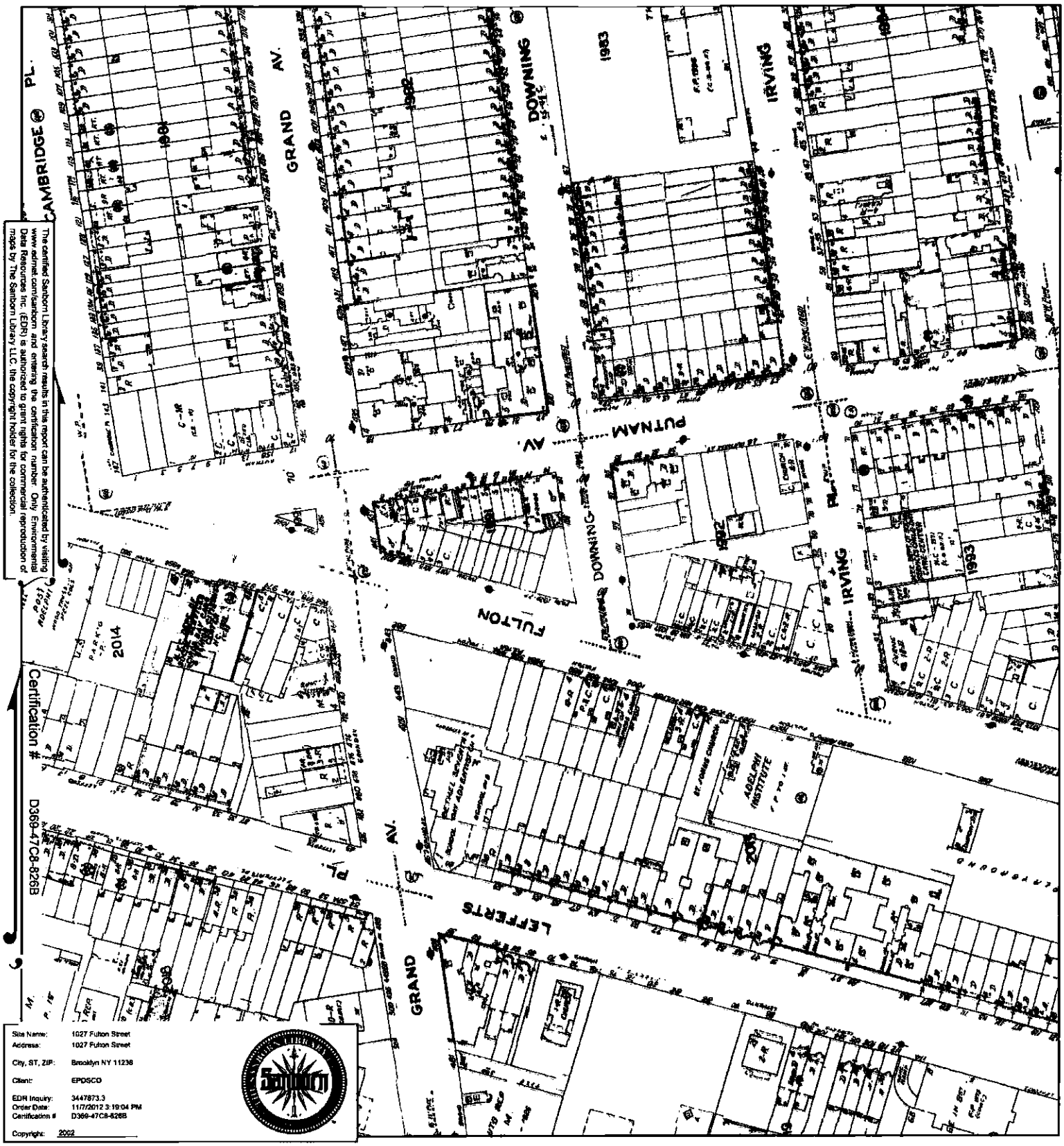

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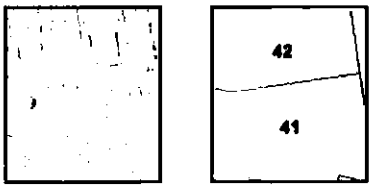

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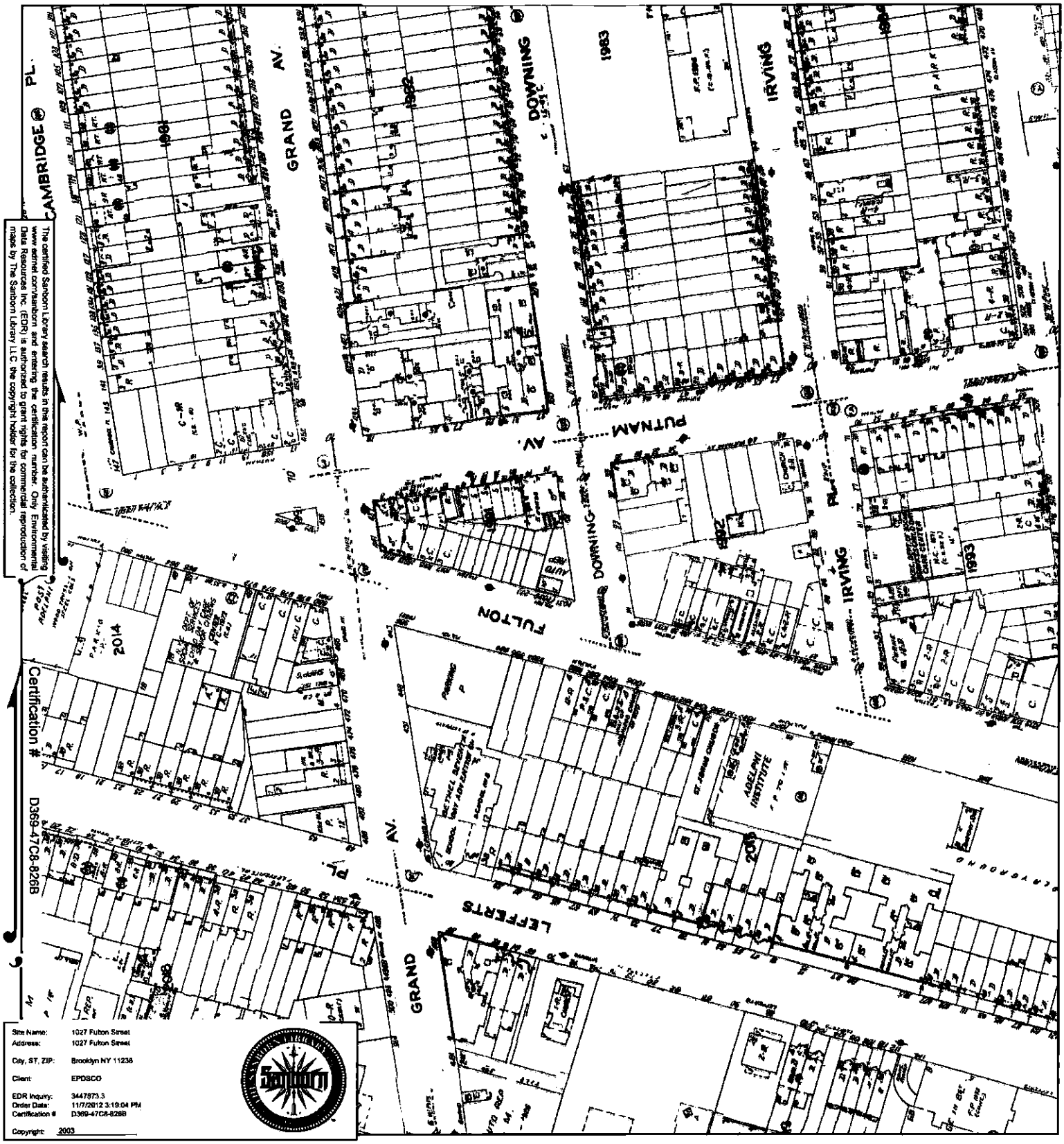

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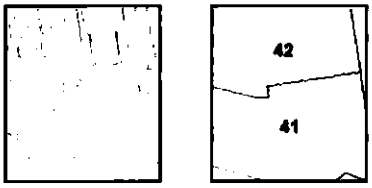

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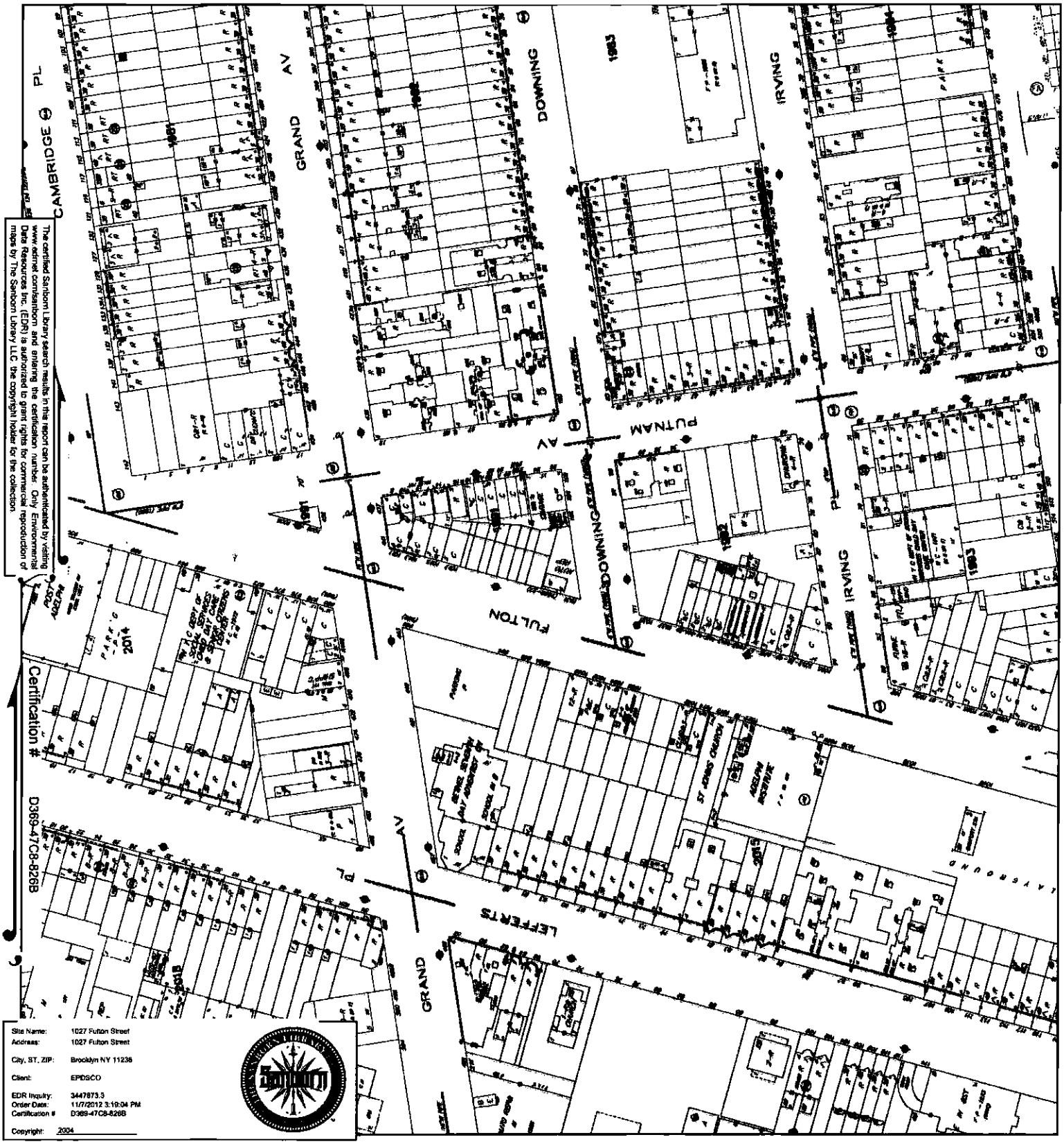

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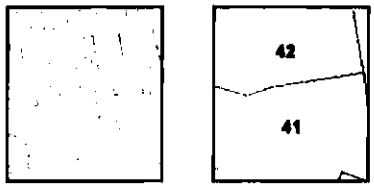

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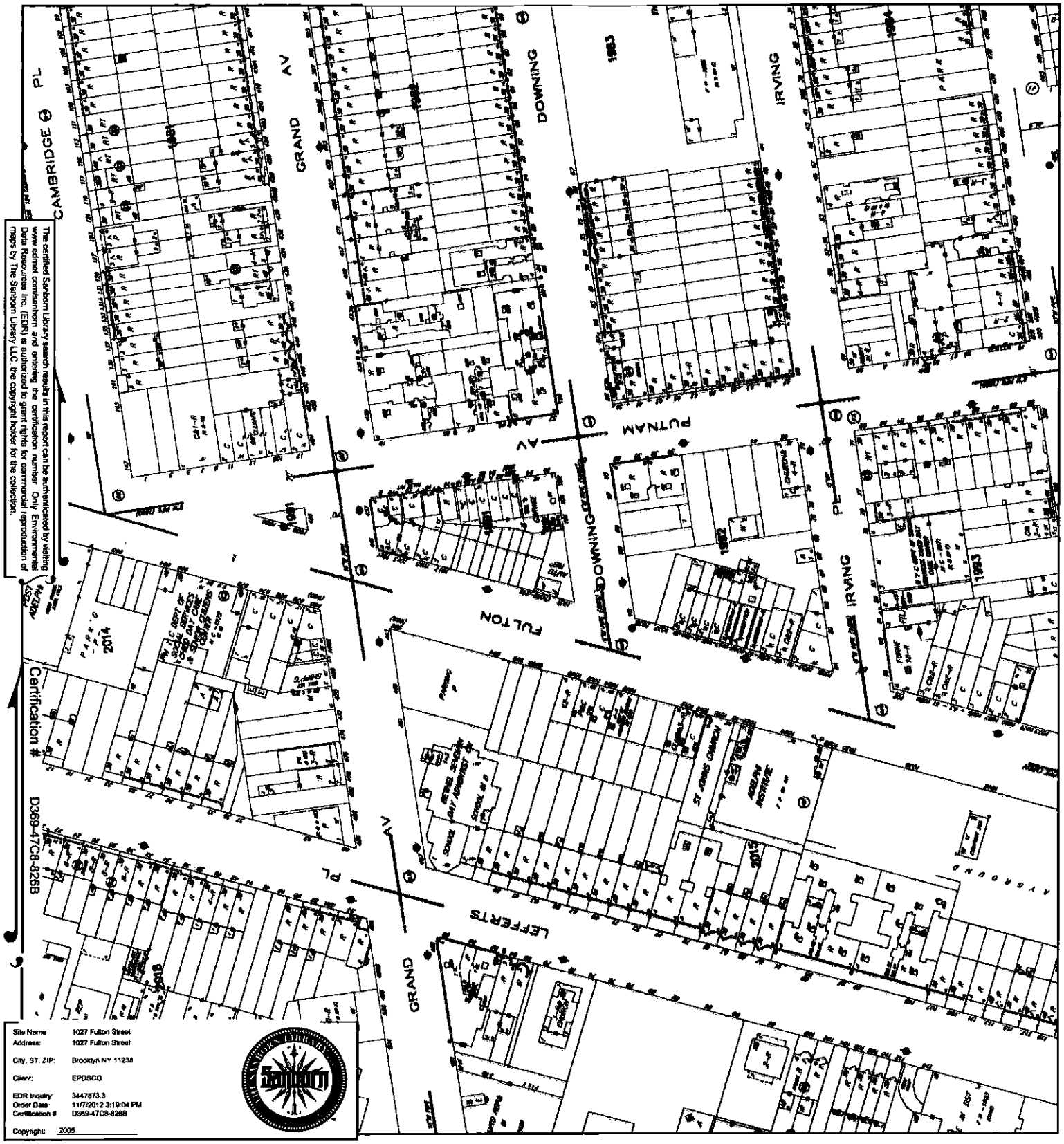

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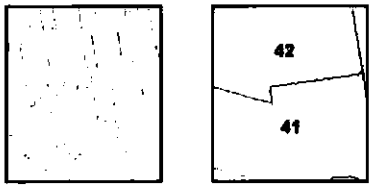

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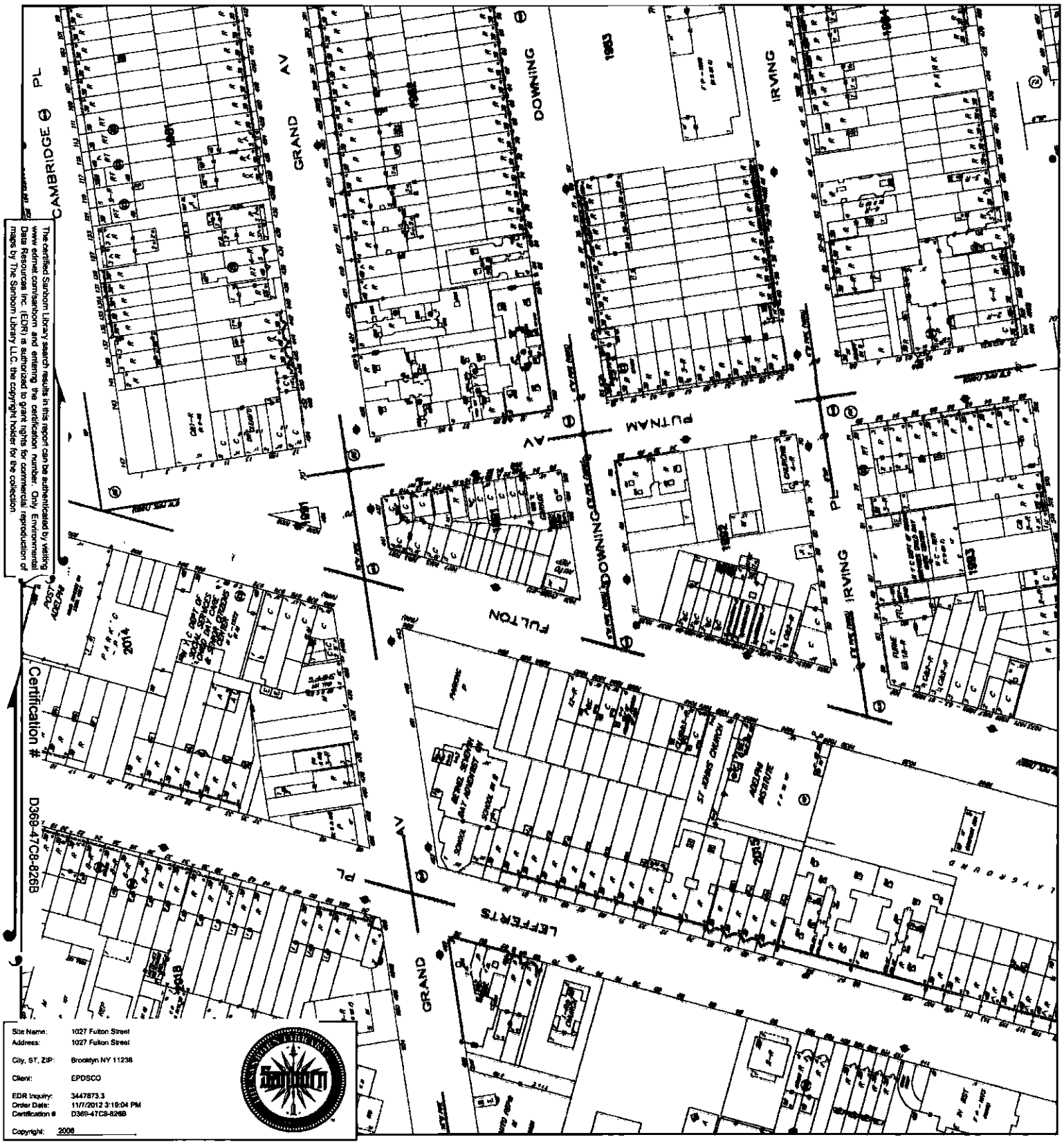

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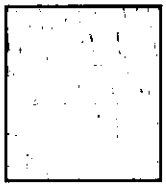

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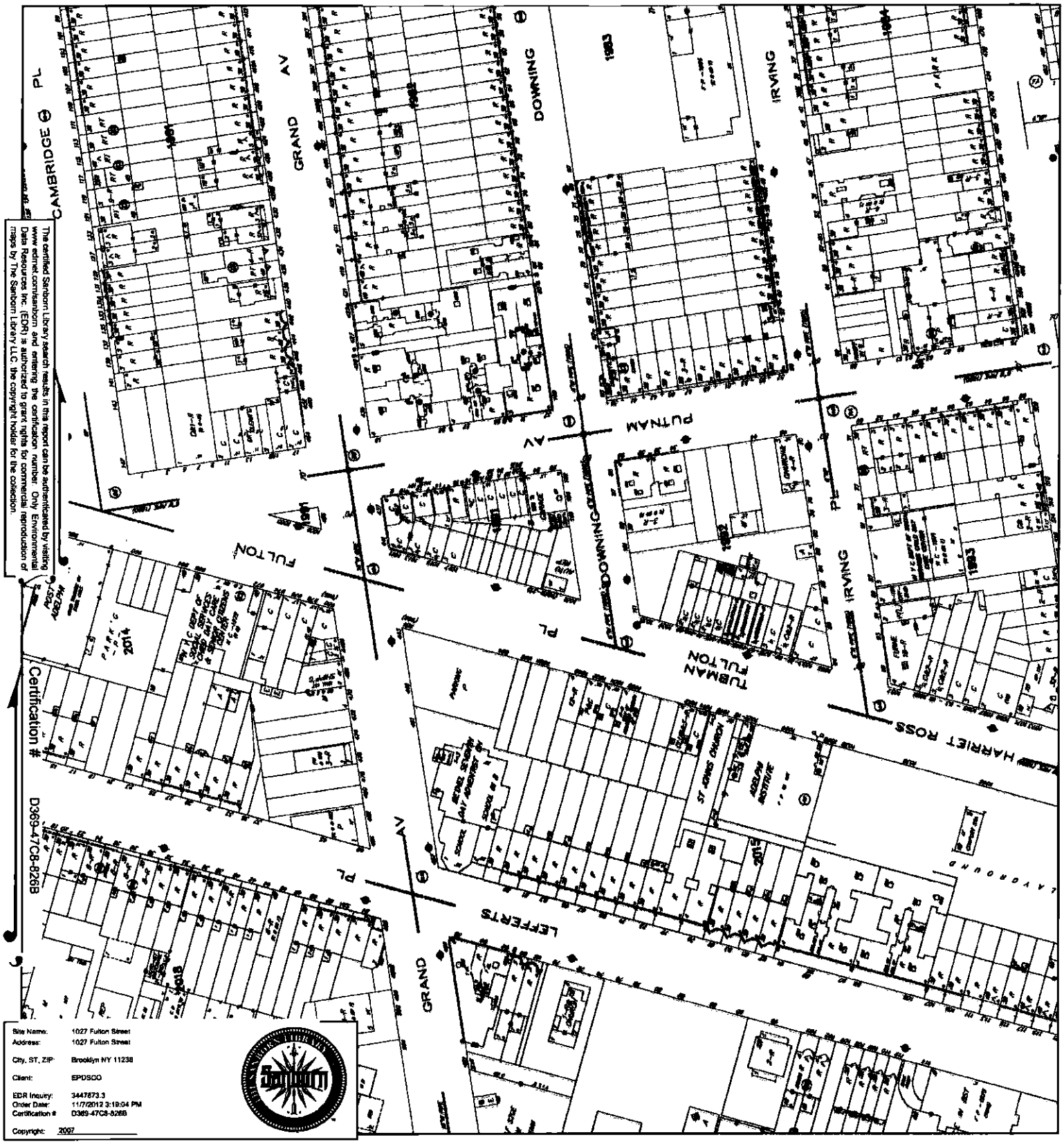

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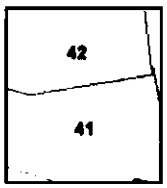

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ATTACHMENT B

PHOTOGRAPHS

Photo 1
View of the southern portion of the subject property (1019-1033 Fulton Street), facing east.

Photo 2
View of the southern portion of the site, facing west.

Photo 3
View of Lot 1 (1031-1033 Fulton Street), facing south from the northern portion of the Lot, showing small garden area.

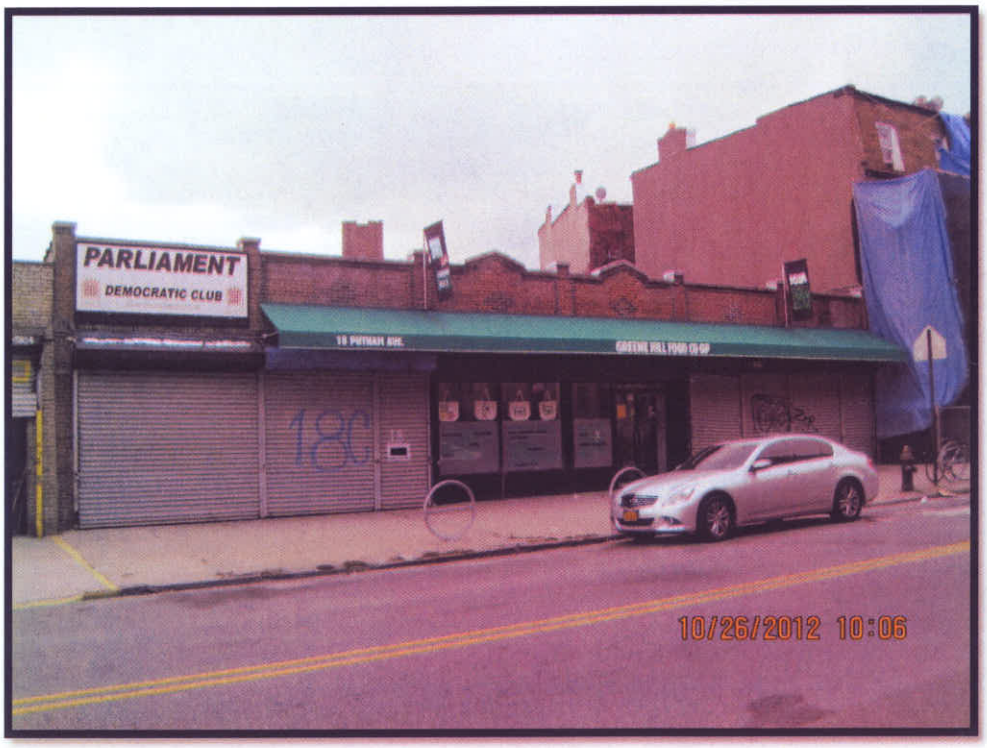

Photo 4
View of the subject building at 18-22 Putnam Avenue (Lot 16), facing southwest from across Putnam Avenue.

Photo 5
View of the interior of the portion of the building at 18-22 Putnam Avenue occupied by the Green Hill Food Cooperative.

Photo 6
View of the interior of the portion of the building at 18-22 Putnam Avenue in use as general storage.

Photo 7
View of the subject building at 24-28 Putnam Avenue, facing south from across Putnam Avenue.

Photo 8
View of the interior of the interior of the subject building at 24-28 Putnam Avenue.

Photo 9
View of one of the two floor drains located in the building at 24-28 Putnam Avenue.

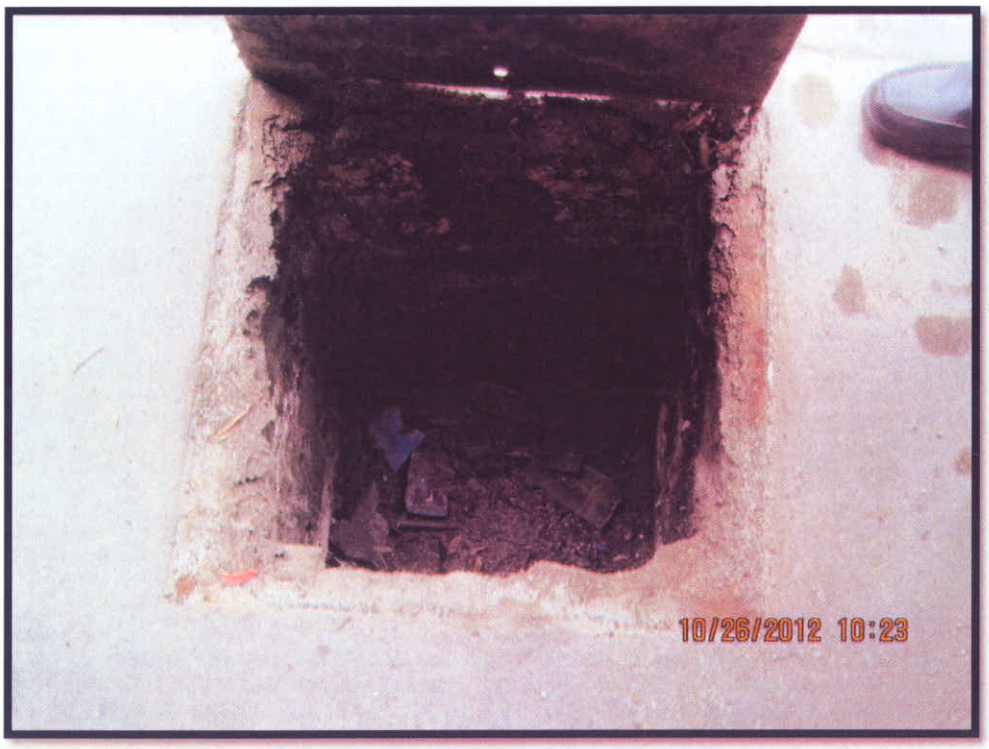

Photo 10
View of the utility vault in the floor of the building at 24-28 Putnam Avenue which formerly housed the buildings water meter.

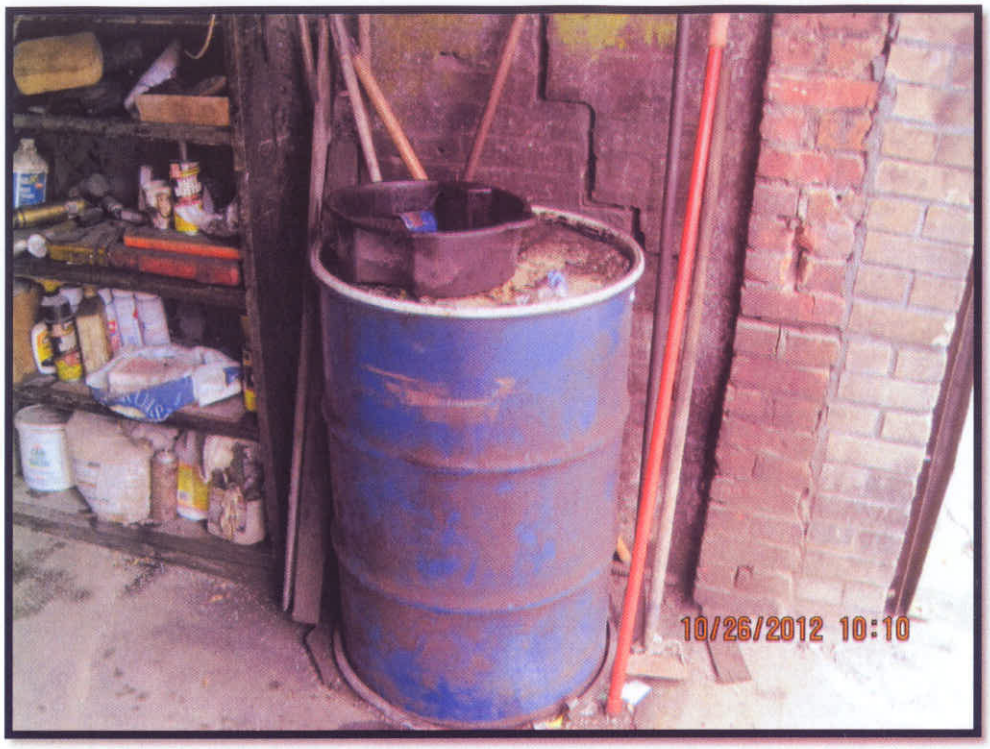

Photo 11
View of the 55-gallon waste oil storage drum in the building at 24-28 Putnam Avenue.

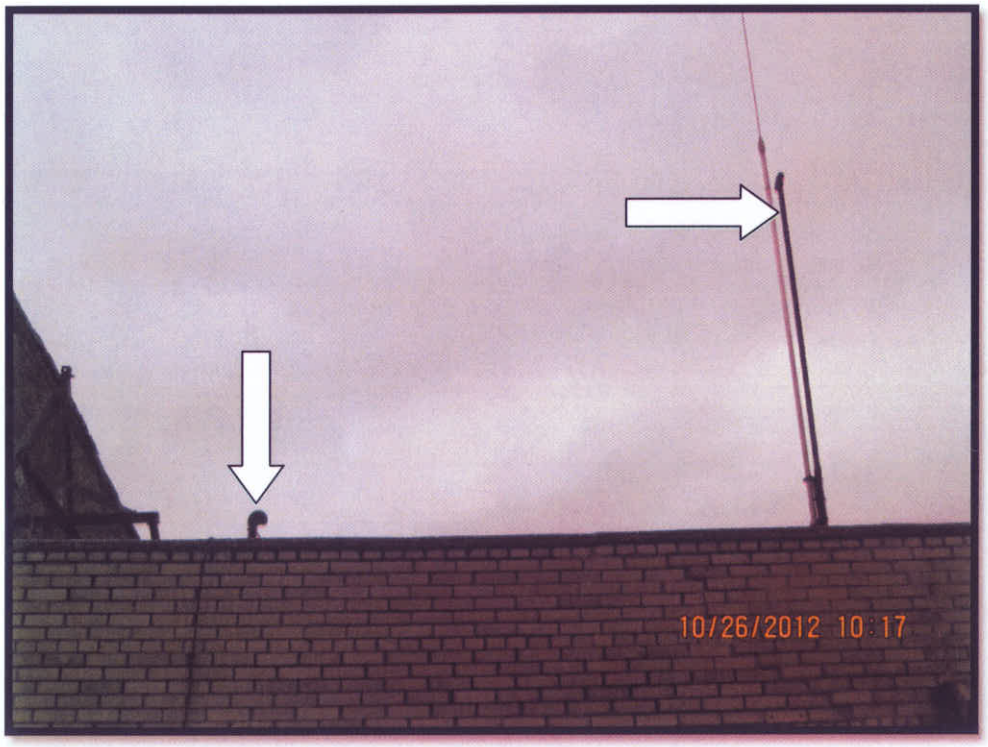

Photo 12
View of the two suspected underground storage tank vent lines observed protruding from the roof of the subject building at 24-28 Putnam Avenue.

Photo 13
View of the subject building at 106 Downing Street, facing southwest from across Downing Street.

Photo 14
View of the 275-gallon aboveground fuel oil tank located in the building at 106 Downing Street.

ATTACHMENT C

EXECUTIVE SUMMARY SECTION OF THE ENVIRONMENTAL DATA RESOURCES, INC. RADIUS MAP REPORT

1027 Fulton Street
1027 Fulton Street
Brooklyn, NY 11238

Inquiry Number: 3447873.2s
November 05, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

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GEOCHECK ADDENDUM

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

1027 FULTON STREET
BROOKLYN, NY 11238

COORDINATES

Latitude (North):	40.6824000 - 40' 40' 56.64"
Longitude (West):	73.9609000 - 73' 57' 39.24"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	587811.1
UTM Y (Meters):	4503809.0
Elevation:	69 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

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

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Inactive Hazardous Waste Disposal Sites in New York State
VAPOR REOPENED..... Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

CBS UST..... Chemical Bulk Storage Database
MOSF UST..... Major Oil Storage Facilities Database
CBS AST..... Chemical Bulk Storage Database
MOSF AST..... Major Oil Storage Facilities Database
MOSF..... Major Oil Storage Facility Site Listing
CBS..... Chemical Bulk Storage Site Listing
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Registry of Engineering Controls

EXECUTIVE SUMMARY

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

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

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites

EXECUTIVE SUMMARY

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

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

EXECUTIVE SUMMARY

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PUTNAM COURT LP	36-44 PUTNAM AVE	NE 0 - 1/8 (0.042 mi.)	C19	52
CON EDISON - MANHOLE 14828	960 ATLANTIC AVENUE	SW 1/8 - 1/4 (0.157 mi.)	P66	160
CON EDISON - MANHOLE 2904	506 WASHINGTON AVE	WNW 1/8 - 1/4 (0.248 mi.)	Y105	282

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF ED - PUBLIC SCHOOL	170 GATES AVE	N 1/8 - 1/4 (0.183 mi.)	S81	199

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ATLANTIC PONTIAC	***1030 ATLANTIC AVE***	***S 1/8 - 1/4 (0.166 mi.)***	***R71***	***172***
MEGA CLEANERS	***916 FULTON ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***T84***	***208***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	FULTON ST & CLASSON AVE	ESE 1/8 - 1/4 (0.130 mi.)	M54	136

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 07/06/2012 has revealed that there are 4

EXECUTIVE SUMMARY

SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRAND RECYCLING CORP.	***535 GRAND AVE.***	***SSW 1/8 - 1/4 (0.229 mi.)***	***96***	***255***
PARTS EXPRESS II INC	860-64 ATLANTIC AVE	WSW 1/4 - 1/2 (0.300 mi.)	113	300
BERGEN STREET USED PARTS INC	762-765 BERGEN STREET	SSW 1/4 - 1/2 (0.301 mi.)	115	302
ATLANTIC AUTO SALES TRADING CO	1120 ATLANTIC AVE	SE 1/4 - 1/2 (0.332 mi.)	121	316

State and tribal leaking storage tank lists

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

A review of the LTANKS list, as provided by EDR, and dated 08/20/2012 has revealed that there are 35 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
44 LEFFERTS PL/BKLYN Date Closed: 5/15/1991	***44 LEFFERTS PLACE***	***SW 0 - 1/8 (0.080 mi.)***	***35***	***88***
990 ATLANTIC AVE Date Closed: 12/18/1992	***990 ATLANTIC AVE***	***S 1/8 - 1/4 (0.142 mi.)***	***L59***	***142***
Not reported Date Closed: 12/23/2003	***130 LEFFERTS PLACE***	***SE 1/8 - 1/4 (0.154 mi.)***	***Q63***	***153***
191 ST JAMES PL. Date Closed: 6/14/1993	***191 ST JAMES PLACE***	***WNW 1/8 - 1/4 (0.183 mi.)***	***78***	***192***
PS 56 SCHOOL Date Closed: 2/15/2000	***170 GATES AVE***	***N 1/8 - 1/4 (0.183 mi.)***	***S82***	***200***
551 WAVERLY AVE/BKLYN Date Closed: 1/5/1990	***551 WAVERLY AVENUE***	***W 1/4 - 1/2 (0.250 mi.)***	***109***	***288***
LOT 1,TAXBLOCK 1978 Date Closed: 10/28/2009	***937 FULTON STREET***	***WNW 1/4 - 1/2 (0.256 mi.)***	***Z110***	***291***
Not reported Date Closed: 12/20/2005	***641- CLASSON AVE***	***SSE 1/4 - 1/2 (0.287 mi.)***	***112***	***298***
Not reported Date Closed: 7/7/2004	140 ST JAMES PLACE	NW 1/4 - 1/2 (0.301 mi.)	114	301
VERIZON NEW YORK INC-NY-35304 Date Closed: 12/4/2000	***547 CLINTON AVENUE***	***W 1/4 - 1/2 (0.304 mi.)***	***AA116***	***303***
Not reported Date Closed: 3/20/2003	***638 CLASSON AVE***	***SSE 1/4 - 1/2 (0.314 mi.)***	***118***	***308***
Not reported Date Closed: 3/12/1999	***541 FRANKLIN AVE***	***ESE 1/4 - 1/2 (0.323 mi.)***	***AB120***	***312***
900 FULTON ST/BKLYN Date Closed: 2/22/1990	***900 FULTON STREET***	***WNW 1/4 - 1/2 (0.341 mi.)***	***AC122***	***316***
WEATHER FUEL COMPANY Date Closed: 6/4/1997	***UNDERHILL + ST MARKS AV***	***SW 1/4 - 1/2 (0.374 mi.)***	***125***	***328***
ST JOSEPH'S SRO Date Closed: 12/8/2003	683 DEAN ST	WSW 1/4 - 1/2 (0.381 mi.)	126	331

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RESIDENTS 420 CLINTON AVE Date Closed: 3/5/1999	***X ST OF GREENE AVE+GATE***	***WNW 1/4 - 1/2 (0.422 mi.)***	***128***	***337***
410 CLINTON AVE/BKLYN Date Closed: 1/12/2004	***410 CLINTON AVENUE***	***NW 1/4 - 1/2 (0.426 mi.)***	***129***	***340***
425 PROSPECT HEIGHTS TENANTS C Date Closed: 5/30/2006	***425 PROSPECT PLACE***	***S 1/4 - 1/2 (0.427 mi.)***	***AD130***	***345***
PRIVATE RESIDENCE Date Closed: 1/11/2007	431 PROSPECT PLACE	S 1/4 - 1/2 (0.429 mi.)	AD131	350
488 ST MARKS AVE Date Closed: 2/25/1995 Date Closed: 3/15/1995 **Additional key fields are available in the Map Findings section*	***488 ST MARKS AVENUE***	***SSE 1/4 - 1/2 (0.432 mi.)***	***133***	***354***
Not reported Date Closed: 11/6/2003	149 CLIFTON PLACE	NNE 1/4 - 1/2 (0.438 mi.)	135	367
276 ST MARKS AVE/N Y TEL Date Closed: 4/28/2000	***276 ST. MARK'S AVENUE***	***SW 1/4 - 1/2 (0.441 mi.)***	***136***	***368***
394 LAFAYYETE AVE Date Closed: 7/16/1993	***394 LAFAYYETE AVE***	***N 1/4 - 1/2 (0.456 mi.)***	***138***	***373***
428 CLERMONT AVE Date Closed: 1/25/1993	***428 CLERMONT AVE***	***WNW 1/4 - 1/2 (0.471 mi.)***	***140***	***378***
CITGO GAS STATION Date Closed: 5/4/1995 Date Closed: 5/4/1995 **Additional key fields are available in the Map Findings section*	***1143 ATLANTIC AVE***	***ESE 1/4 - 1/2 (0.474 mi.)***	***AE143***	***384***
CLOSED-LACKOF RECENT INFO Date Closed: 3/5/2003 Date Closed: 3/5/2003	***520 PROSPECT PLACE***	***S 1/4 - 1/2 (0.474 mi.)***	***AF146***	***401***
Not reported Date Closed: 3/10/2003	***434 PARK PLACE***	***SSW 1/4 - 1/2 (0.490 mi.)***	***149***	***410***

Lower Elevation	Address	Direction / Distance	Map ID	Page
APT BUILDING TTF Date Closed: 9/15/2011	***34 JEFFERSON AVE***	***E 1/8 - 1/4 (0.247 mi.)***	***X104***	***276***
PSB #3 Date Closed: 10/9/2003	***50 JEFFERSON AVE***	***E 1/4 - 1/2 (0.284 mi.)***	***111***	***294***
123 QUINCY ST Date Closed: 8/12/1991	***123 QUINCY ST***	***NE 1/4 - 1/2 (0.366 mi.)***	***124***	***326***
IDEAL HANDBAG FRAME MFG CORP Date Closed: 8/16/2006	***339 GREENE AVE***	***NNE 1/4 - 1/2 (0.401 mi.)***	***127***	***332***
MOBIL S/S Date Closed: 10/3/1991	***1097 BEDFORD AVENUE***	***NE 1/4 - 1/2 (0.430 mi.)***	***132***	***351***
ATLANTIC AVE AT CARLTON Date Closed: 2/24/2003	***ATLANTIC AVE AT CARLTON***	***W 1/4 - 1/2 (0.435 mi.)***	***134***	***364***
PRIVATE RESIDENCE Date Closed: 2/21/1996	***1208 FULTON ST***	***ESE 1/4 - 1/2 (0.463 mi.)***	***139***	***376***
RESIDENCE Date Closed: 6/7/2004	236 PUTNAM AVE	ENE 1/4 - 1/2 (0.489 mi.)	148	408

EXECUTIVE SUMMARY

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

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 33 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
50 LEFFERTS PLACE Date Closed: 01/27/94	50 LEFFERTS PLACE	SSW 0 - 1/8 (0.075 mi.)	F34	87
44 LEFFERTS PL/BKLYN Date Closed: 05/15/91	***44 LEFFERTS PLACE***	***SW 0 - 1/8 (0.080 mi.)***	***35***	***88***
990 ATLANTIC AVE Date Closed: 12/18/92	***990 ATLANTIC AVE***	***S 1/8 - 1/4 (0.142 mi.)***	***L59***	***142***
191 ST JAMES PL. Date Closed: 06/14/93	***191 ST JAMES PLACE***	***WNW 1/8 - 1/4 (0.183 mi.)***	***78***	***192***
PS 56 SCHOOL Date Closed: 02/15/00	***170 GATES AVE***	***N 1/8 - 1/4 (0.183 mi.)***	***S82***	***200***
551 WAVERLY AVE/BKLYN Date Closed: 01/05/90	***551 WAVERLY AVENUE***	***W 1/4 - 1/2 (0.250 mi.)***	***109***	***288***
Not reported Date Closed: / /	***641- CLASSON AVE***	***SSE 1/4 - 1/2 (0.287 mi.)***	***112***	***298***
547 CLINTON AVE/NY TEL Date Closed: 12/04/00	547 CLINTON AVE	W 1/4 - 1/2 (0.304 mi.)	AA117	307
Not reported Date Closed: / /	***638 CLASSON AVE***	***SSE 1/4 - 1/2 (0.314 mi.)***	***118***	***308***
VACANT BUILDING Date Closed: 03/12/99	541 FRANKLYN AVE	ESE 1/4 - 1/2 (0.323 mi.)	AB119	311
Not reported Date Closed: 03/12/99	***541 FRANKLIN AVE***	***ESE 1/4 - 1/2 (0.323 mi.)***	***AB120***	***312***
900 FULTON ST/BKLYN Date Closed: 02/22/90	***900 FULTON STREET***	***WNW 1/4 - 1/2 (0.341 mi.)***	***AC122***	***316***
CITGO GAS STATION Date Closed: / /	***846 FULTON STREET***	***WNW 1/4 - 1/2 (0.358 mi.)***	***AC123***	***321***
WEATHER FUEL COMPANY Date Closed: 06/04/97	***UNDERHILL + ST MARKS AV***	***SW 1/4 - 1/2 (0.374 mi.)***	***125***	***328***
RESIDENTS 420 CLINTON AVE Date Closed: 03/05/99	***X ST OF GREENE AVE+GATE***	***WNW 1/4 - 1/2 (0.422 mi.)***	***128***	***337***
410 CLINTON AVE/BKLYN Date Closed: / /	***410 CLINTON AVENUE***	***NW 1/4 - 1/2 (0.426 mi.)***	***129***	***340***
488 ST MARKS AVE Date Closed: 02/24/95 Date Closed: / /	***488 ST MARKS AVENUE***	***SSE 1/4 - 1/2 (0.432 mi.)***	***133***	***354***
**Additional key fields are available in the Map Findings section*				
276 ST MARKS AVE/N Y TEL Date Closed: 04/28/00	***276 ST. MARK'S AVENUE***	***SW 1/4 - 1/2 (0.441 mi.)***	***136***	***368***
394 LAFAYYETE AVE Date Closed: 07/16/93	***394 LAFAYYETE AVE***	***N 1/4 - 1/2 (0.456 mi.)***	***138***	***373***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
428 CLERMONT AVE Date Closed: 01/25/93	***428 CLERMONT AVE***	***WNW 1/4 - 1/2 (0.471 mi.)***	***140***	***378***
1143 ATLANTIC AVE/BKLYN Date Closed: 05/04/95	1143 ATLANTIC AVENUE	ESE 1/4 - 1/2 (0.473 mi.)	AE141	381
1143 ATLANTIC AV/CITGO Date Closed: / /	1143 ATLANTIC AVENUE	ESE 1/4 - 1/2 (0.474 mi.)	AE142	382
CITGO STATION Date Closed: / /	ATLANTIC AND BEDFORD AV	ESE 1/4 - 1/2 (0.474 mi.)	AE144	398
520 PROSPECT PL Date Closed: / /	520 PROSPECT PL	S 1/4 - 1/2 (0.474 mi.)	AF145	400
CLOSED-LACKOF RECENT INFO Date Closed: / /	***520 PROSPECT PLACE***	***S 1/4 - 1/2 (0.474 mi.)***	***AF146***	***401***
GASETERIA OIL CORP Date Closed: / /	***1305 BEDFORD AVE***	***ESE 1/4 - 1/2 (0.482 mi.)***	***AE147***	***405***
Not reported Date Closed: / /	***434 PARK PLACE***	***SSW 1/4 - 1/2 (0.490 mi.)***	***149***	***410***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PSB #3 Date Closed: / /	***50 JEFFERSON AVE***	***E 1/4 - 1/2 (0.284 mi.)***	***111***	***294***
123 QUINCY ST Date Closed: 08/12/91	***123 QUINCY ST***	***NE 1/4 - 1/2 (0.366 mi.)***	***124***	***326***
MOBIL S/S Date Closed: 10/03/91	***1097 BEDFORD AVENUE***	***NE 1/4 - 1/2 (0.430 mi.)***	***132***	***351***
ATLANTIC AVE AT CARLTON Date Closed: / /	***ATLANTIC AVE AT CARLTON***	***W 1/4 - 1/2 (0.435 mi.)***	***134***	***364***
RYERSON TOWERS Date Closed: / /	309 LAYFETTE AVE	NNW 1/4 - 1/2 (0.448 mi.)	137	372
PRIVATE RESIDENCE Date Closed: 02/21/96	***1208 FULTON ST***	***ESE 1/4 - 1/2 (0.463 mi.)***	***139***	***376***

State and tribal registered storage tank lists

TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the TANKS list, as provided by EDR, and dated 07/02/2012 has revealed that there are 2 TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
1096 ATLANTIC OPERATING CORPOR	1096 ATLANTIC AVENUE	S 1/8 - 1/4 (0.166 mi.)	R72	173

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALVATION ARMY (WAREHOUSE)	***22 QUINCY STREET***	***N 1/8 - 1/4 (0.239 mi.)***	***W100***	***268***

EXECUTIVE SUMMARY

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 07/02/2012 has revealed that there are 12 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADELPHI STATION	***950 FULTON STREET***	***W 0 - 1/8 (0.111 mi.)***	***I45***	***112***
ST YASSINE CORP.	***941 ATLANTIC AVENUE***	***S 1/8 - 1/4 (0.129 mi.)***	***L51***	***126***
SAMADHI AUTOS INC D/B/A DR. NI	***971 ATLANTIC AVENUE***	***SSE 1/8 - 1/4 (0.150 mi.)***	***O61***	***146***
LEFFERTS HEIGHTS HDFC INC.	130 LEFFERTS PLACE	SE 1/8 - 1/4 (0.154 mi.)	Q64	156
BISMILLAH AUTO REPAIR, INC	1064 ATLANTIC AVENUE	S 1/8 - 1/4 (0.166 mi.)	R69	164
GOLDSTAR 'A' REALTY INC.	***1042 ATLANTIC AVENUE***	***S 1/8 - 1/4 (0.166 mi.)***	***R70***	***166***
S.A. WASSAM, CORP.	***1062-1064 ATLANTIC AVE***	***S 1/8 - 1/4 (0.166 mi.)***	***R74***	***178***
SAINT PETER CLAVER SCHOOL BUIL	***15 CLAVER PLACE***	***E 1/8 - 1/4 (0.176 mi.)***	***76***	***186***
JSM SERVICE INC	***1013 ATLANTIC AVENUE***	***SE 1/8 - 1/4 (0.206 mi.)***	***U88***	***224***

Lower Elevation	Address	Direction / Distance	Map ID	Page
INVERSO WAREHOUSING, INC.	35 CLAVER PLACE	E 1/8 - 1/4 (0.180 mi.)	77	190
ZYGAL LTD	***19 QUINCY STREET***	***N 1/8 - 1/4 (0.239 mi.)***	***W102***	***271***
34 JEFFERSON AVENUE	34 JEFFERSON AVENUE	E 1/8 - 1/4 (0.249 mi.)	X108	286

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 07/02/2012 has revealed that there are 19 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
32 PUTNAM AVENUE	32 PUTNAM AVENUE	NE 0 - 1/8 (0.035 mi.)	C8	29
GRAND AVENUE REALTY	435 GRAND AVE	WNW 0 - 1/8 (0.047 mi.)	22	58
GRAND AVENUE REALTY LLC	90 DOWNING STREET	N 0 - 1/8 (0.050 mi.)	C26	67
PUTNAM REALTY ASSOC, LLC	56 LEFFERTS PLACE	SSW 0 - 1/8 (0.072 mi.)	F33	85
89 LEFFERTS PLACE HDFC-P	***89 LEFFERTS PLACE***	***SSE 0 - 1/8 (0.100 mi.)***	***40***	***101***
89-105 LEFFERTS	***89-105 LEFFERTS PLACE***	***SE 0 - 1/8 (0.125 mi.)***	***K49***	***120***
105 LEFFERTS PL	***105 LEFFERTS PL***	***SE 0 - 1/8 (0.125 mi.)***	***K50***	***123***
KEEP IT RUNNING AUTO REPAIR IN	921 ATLANTIC AVENUE	SSW 1/8 - 1/4 (0.134 mi.)	55	137
GOLDSTAR 'A' REALTY INC.	***1042 ATLANTIC AVENUE***	***S 1/8 - 1/4 (0.166 mi.)***	***R70***	***166***
FINETEX YARN CORPORATION	***1050 ATLANTIC AVE***	***S 1/8 - 1/4 (0.166 mi.)***	***R73***	***174***
P.S. 56	***170 GATES AVE***	***N 1/8 - 1/4 (0.183 mi.)***	***S80***	***195***
495 WASHINGTON AVENUE LLC	495 WASHINGTON AVENUE	WNW 1/8 - 1/4 (0.221 mi.)	V94	251
UNITED AUTO REPAIR	1025 ATLANTIC AVE	SE 1/8 - 1/4 (0.228 mi.)	95	253
163 LEFFERTS PLACE HDFC	163 LEFFERTS PLACE	ESE 1/8 - 1/4 (0.234 mi.)	98	264
BNS BUILDINGS LLC	500 WASHINGTON AVENUE	WNW 1/8 - 1/4 (0.242 mi.)	103	274
941 FULTON STREET	941 FULTON STREET	WNW 1/8 - 1/4 (0.248 mi.)	Z107	284

Lower Elevation	Address	Direction / Distance	Map ID	Page
APARTMENT BUILDING	***82 DOWNING STREET***	***N 0 - 1/8 (0.066 mi.)***	***32***	***81***
51 IRVING PLACE	51 IRVING PLACE	NE 0 - 1/8 (0.094 mi.)	38	96
APT BUILDING TTF	***34 JEFFERSON AVE***	***E 1/8 - 1/4 (0.247 mi.)***	***X104***	***276***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADELPHI STATION	***950 FULTON STREET***	***W 0 - 1/8 (0.111 mi.)***	***I45***	***112***
ST YASSINE CORP.	***941 ATLANTIC AVENUE***	***S 1/8 - 1/4 (0.129 mi.)***	***L51***	***126***
SAMADHI AUTOS INC D/B/A DR. NI	***971 ATLANTIC AVENUE***	***SSE 1/8 - 1/4 (0.150 mi.)***	***O61***	***146***
GOLDSTAR 'A' REALTY INC.	***1042 ATLANTIC AVENUE***	***S 1/8 - 1/4 (0.166 mi.)***	***R70***	***166***
S.A. WASSAM, CORP.	***1062-1064 ATLANTIC AVE***	***S 1/8 - 1/4 (0.166 mi.)***	***R74***	***178***
SAINT PETER CLAVER SCHOOL BUIL	***15 CLAVER PLACE***	***E 1/8 - 1/4 (0.176 mi.)***	***76***	***186***
JSM SERVICE INC	***1013 ATLANTIC AVENUE***	***SE 1/8 - 1/4 (0.206 mi.)***	***U88***	***224***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALVATION ARMY (WAREHOUSE)	***22 QUINCY STREET***	***N 1/8 - 1/4 (0.239 mi.)***	***W100***	***268***
ZYGAL LTD	***19 QUINCY STREET***	***N 1/8 - 1/4 (0.239 mi.)***	***W102***	***271***

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 08/20/2012 has revealed that there are 9 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE 2968 Date Closed: 7/1/1996	***FULTON ST/GRAND AVE***	***W 0 - 1/8 (0.038 mi.)***	***D12***	***36***
PUTNAM COURT LP Date Closed: 3/5/2012	***36-44 PUTNAM AVE***	***NE 0 - 1/8 (0.042 mi.)***	***C18***	***50***
FAIRHAVEN FUNERAL HOME Date Closed: 2/13/2003	***1045 FULTON ST***	***ESE 0 - 1/8 (0.048 mi.)***	***B23***	***60***
DEVELOPMENT SITE Date Closed: 7/22/2011	82 IRVING PLACE	E 0 - 1/8 (0.062 mi.)	E30	77
ROAD WAY Date Closed: 10/9/2008	19 LEFFERTS PLACE	WSW 0 - 1/8 (0.105 mi.)	42	106
MANHOLE 2967 Date Closed: 9/9/2005	950 FULTON ST	W 0 - 1/8 (0.111 mi.)	I44	110
INTERSECTION Date Closed: 12/27/2002	PUTNAM & CLASSON AVE	ENE 0 - 1/8 (0.116 mi.)	J47	117

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONCRETE FLOOR AND DRIVEWAY Date Closed: 1/9/2012	64 DOWNING STREET	N 0 - 1/8 (0.104 mi.)	41	104

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE #2984 Date Closed: 4/17/2006	514 CLASSON AVE	E 0 - 1/8 (0.113 mi.)	J46	115

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE 2968	***FULTON ST/GRAND AVE***	***W 0 - 1/8 (0.038 mi.)***	***D12***	***36***
FAIRHAVEN FUNERAL HOME	***1045 FULTON ST***	***ESE 0 - 1/8 (0.048 mi.)***	***B23***	***60***

Other Ascertainable Records

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/15/2012 has revealed that there are 12 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON ED MH 2968	***GRAND ST & FULTON ST***	***W 0 - 1/8 (0.038 mi.)***	***D9***	***31***
CON ED - V 2968	GRAND ST & FULTON ST	W 0 - 1/8 (0.038 mi.)	D10	33
CON ED - M/H 2968	***FULTON ST & GRAND AVE***	***W 0 - 1/8 (0.038 mi.)***	***D11***	***34***
NYNEX-MANHOLE	***FULTON ST & CAMBRIDGE A***	***W 0 - 1/8 (0.093 mi.)***	***G37***	***94***
CON EDISON MANHOLE 50061	478 CLASSON AVE F OF	NE 1/8 - 1/4 (0.137 mi.)	N56	139
SERVICE STATION	***1013 ATLANTIC AVE & CLA***	***S 1/8 - 1/4 (0.140 mi.)***	***O58***	***140***
ATLANTIC ARMATURE CO INC	***990 ATLANTIC AVE***	***S 1/8 - 1/4 (0.142 mi.)***	***L60***	***144***
SAIKA AUTO INTL INC	***980 ATLANTIC AVE***	***SW 1/8 - 1/4 (0.152 mi.)***	***P62***	***149***
PEP BOYS 575	***975-983 ATLANTIC AVE***	***SSE 1/8 - 1/4 (0.154 mi.)***	***65***	***158***
R & S STRAUSS	***1007 ATLANTIC AVE***	***SSE 1/8 - 1/4 (0.196 mi.)***	***U86***	***220***
CON ED - V 2903	WASHINGTON AVE & FULTON	WNW 1/8 - 1/4 (0.208 mi.)	T90	245

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALVATION ARMY WHSE THE	22 QUINCY ST	N 1/8 - 1/4 (0.239 mi.)	W101	270

EXECUTIVE SUMMARY

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

A review of the MANIFEST list, as provided by EDR, and dated 08/01/2012 has revealed that there are 23 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON ED MH 2968	***GRAND ST & FULTON ST***	***W 0 - 1/8 (0.038 mi.)***	***D9***	***31***
CON ED - M/H 2968	***FULTON ST & GRAND AVE***	***W 0 - 1/8 (0.038 mi.)***	***D11***	***34***
PUTNAM COURT LP	***36-44 PUTNAM AVE***	***NE 0 - 1/8 (0.042 mi.)***	***C18***	***50***
NYNEX-MANHOLE	***FULTON ST & CAMBRIDGE A***	***W 0 - 1/8 (0.093 mi.)***	***G37***	***94***
CONSOLIDATED EDISON	CLASSON AVE & FULTON ST	ESE 1/8 - 1/4 (0.130 mi.)	M52	132
USE ID# NYP004143830	FULTON ST & CLASSON AVE	ESE 1/8 - 1/4 (0.130 mi.)	M53	134
CON EDISON	478 CLASSON AVE F OF	NE 1/8 - 1/4 (0.137 mi.)	N57	140
SAIKA AUTO INTL INC	***980 ATLANTIC AVE***	***SW 1/8 - 1/4 (0.152 mi.)***	***P62***	***149***
CONSOLIDATED EDISON MH14828	960 ATLANTIC AVENUE	SW 1/8 - 1/4 (0.157 mi.)	P67	161
VERIZON NEW YORK INC MANHOLE	***ATLANTIC AVE & ST JAMES***	***SW 1/8 - 1/4 (0.161 mi.)***	***68***	***163***
NYSDEC	9 IRVING PL	NNE 1/8 - 1/4 (0.172 mi.)	75	185
NYC DEPT OF ED - PUBLIC SCHOOL	170 GATES AVENUE	N 1/8 - 1/4 (0.183 mi.)	S79	194
MEGA CLEANERS	***916 FULTON ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***T84***	***208***
R & S STRAUSS	***1007 ATLANTIC AVE***	***SSE 1/8 - 1/4 (0.196 mi.)***	***U86***	***220***
CONSOLIDATED EDISON MH14817	ATLANTIC AVENUE AND UND	WSW 1/8 - 1/4 (0.202 mi.)	87	222
NYCDEP	1113 FULTON ST	ESE 1/8 - 1/4 (0.208 mi.)	89	244
CONSOLIDATED EDISON	WASHINGTON AVENUE AND F	WNW 1/8 - 1/4 (0.208 mi.)	T91	246
CONSOLIDATED EDISON	FULTON & WASHINGTON	WNW 1/8 - 1/4 (0.208 mi.)	T92	247
CONSOLIDATED EDISON	530 WASHINGTON AVE	WNW 1/8 - 1/4 (0.210 mi.)	93	248
CONSOLIDATED EDISON	WASHINGTON AVE & FULTON	WNW 1/8 - 1/4 (0.234 mi.)	V97	258
CONSOLIDATED EDISON	506 WASHINGTON AVE	WNW 1/8 - 1/4 (0.248 mi.)	Y106	283

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED EDISON	GRAND AVENUE AND GATES	NNW 1/8 - 1/4 (0.183 mi.)	83	205
CONSOLIDATED EDISON	5 QUINCY ST	N 1/8 - 1/4 (0.235 mi.)	99	266

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/20/2012 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MEGA CLEANERS	916 FULTON STREET	WNW 1/8 - 1/4 (0.185 mi.)	T85	219

E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the E DESIGNATION list, as provided by EDR, and dated 09/12/2012 has revealed that there are 24 E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 4,TAXBLOCK 1991	1025 FULTON STREET	SSW 0 - 1/8 (0.010 mi.)	A1	8
LOT 5,TAXBLOCK 1991	1023 FULTON STREET	SW 0 - 1/8 (0.012 mi.)	A2	11
LOT 6,TAXBLOCK 1991	1021 FULTON STREET	WSW 0 - 1/8 (0.015 mi.)	A3	14
LOT 106,TAXBLOCK 1991	1019A FULTON STREET	WSW 0 - 1/8 (0.018 mi.)	A4	17
LOT 7,TAXBLOCK 1991	1019 FULTON STREET	WSW 0 - 1/8 (0.018 mi.)	A5	20

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 12,TAXBLOCK 1992	1037 FULTON STREET	SE 0 - 1/8 (0.028 mi.)	B6	23
LOT 19,TAXBLOCK 1991	28 PUTNAM AVENUE	NNE 0 - 1/8 (0.029 mi.)	C7	26
LOT 9,TAXBLOCK 1992	1041 FULTON STREET	ESE 0 - 1/8 (0.038 mi.)	B13	39
LOT 8,TAXBLOCK 1992	1041A FULTON STREET	ESE 0 - 1/8 (0.038 mi.)	B14	42
LOT 20,TAXBLOCK 1992	36 PUTNAM AVENUE	NE 0 - 1/8 (0.042 mi.)	C15	45
LOT 24,TAXBLOCK 1992	44 PUTNAM AVENUE	NE 0 - 1/8 (0.042 mi.)	C16	46
LOT 21,TAXBLOCK 1992	38 PUTNAM AVENUE	NE 0 - 1/8 (0.042 mi.)	C17	48
LOT 7,TAXBLOCK 1992	1043 FULTON STREET	ESE 0 - 1/8 (0.043 mi.)	B20	53
LOT 32,TAXBLOCK 2014	978 FULTON STREET	W 0 - 1/8 (0.044 mi.)	D21	56
LOT 6,TAXBLOCK 1992	1045 FULTON STREET	ESE 0 - 1/8 (0.048 mi.)	B24	63
LOT 31,TAXBLOCK 2014	976 FULTON STREET	W 0 - 1/8 (0.050 mi.)	D25	66
LOT 5,TAXBLOCK 1992	1047 FULTON STREET	ESE 0 - 1/8 (0.053 mi.)	27	69
LOT 30,TAXBLOCK 2014	974 FULTON STREET	W 0 - 1/8 (0.055 mi.)	D28	72
LOT 1,TAXBLOCK 1981	1 PUTNAM AVENUE	W 0 - 1/8 (0.084 mi.)	G36	91
LOT 1,TAXBLOCK 2019	481 GRAND AVENUE	SSW 0 - 1/8 (0.100 mi.)	H39	98
LOT 46,TAXBLOCK 2018	506 GRAND AVENUE	SSW 0 - 1/8 (0.109 mi.)	H43	107
LOT 64,TAXBLOCK 1980	993 FULTON STREET	W 0 - 1/8 (0.120 mi.)	I48	118

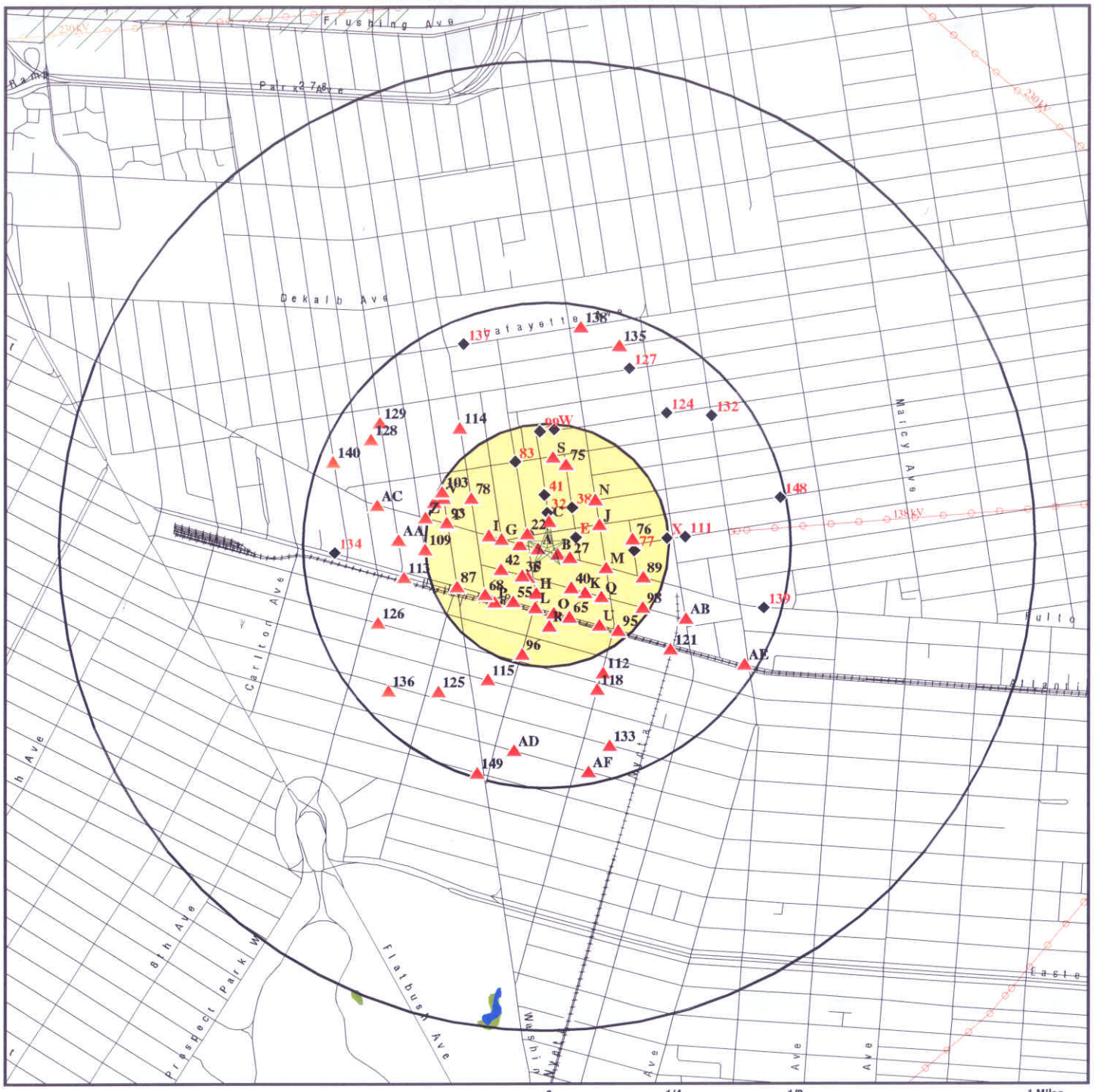
Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 28,TAXBLOCK 1992	80 IRVING PLACE	E 0 - 1/8 (0.062 mi.)	E29	74
LOT 26,TAXBLOCK 1992	78 IRVING PLACE	ENE 0 - 1/8 (0.062 mi.)	E31	78

EXECUTIVE SUMMARY

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

Site Name	Database(s)
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYNEX	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYC BOARD OF EDUCATION PS 369 BKLY	FINDS,MANIFEST,RCRA-NLR
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
BKLYN UNION GAS /FULTON MUNI WORK	CERCLIS-NFRAP
NYSDOT BIN 2067889	RCRA-LQG
BELL ATLANTIC-NY	RCRA-NLR
NYCDEP - SHAFT 16A	FINDS,RCRA-NLR
E 29TH ST & KINGS HWY	SPILLS,HIST SPILLS
BETW/AVE X &	SPILLS
BOX 38486	SPILLS,HIST SPILLS
TO ROADWAY	SPILLS
ROADWAY	SPILLS
KINGS HIGHWAY MOBIL	SPILLS
205842; KINGS HWY	SPILLS

OVERVIEW MAP - 3447873.2s



0 1/4 1/2 1 Miles

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

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

SITE NAME: 1027 Fulton Street ADDRESS: 1027 Fulton Street Brooklyn NY 11238 LAT/LONG: 40.6824 / 73.9609	CLIENT: EPDSCO CONTACT: Hiram Rothkrug INQUIRY #: 3447873.2s DATE: November 05, 2012 5:03 pm

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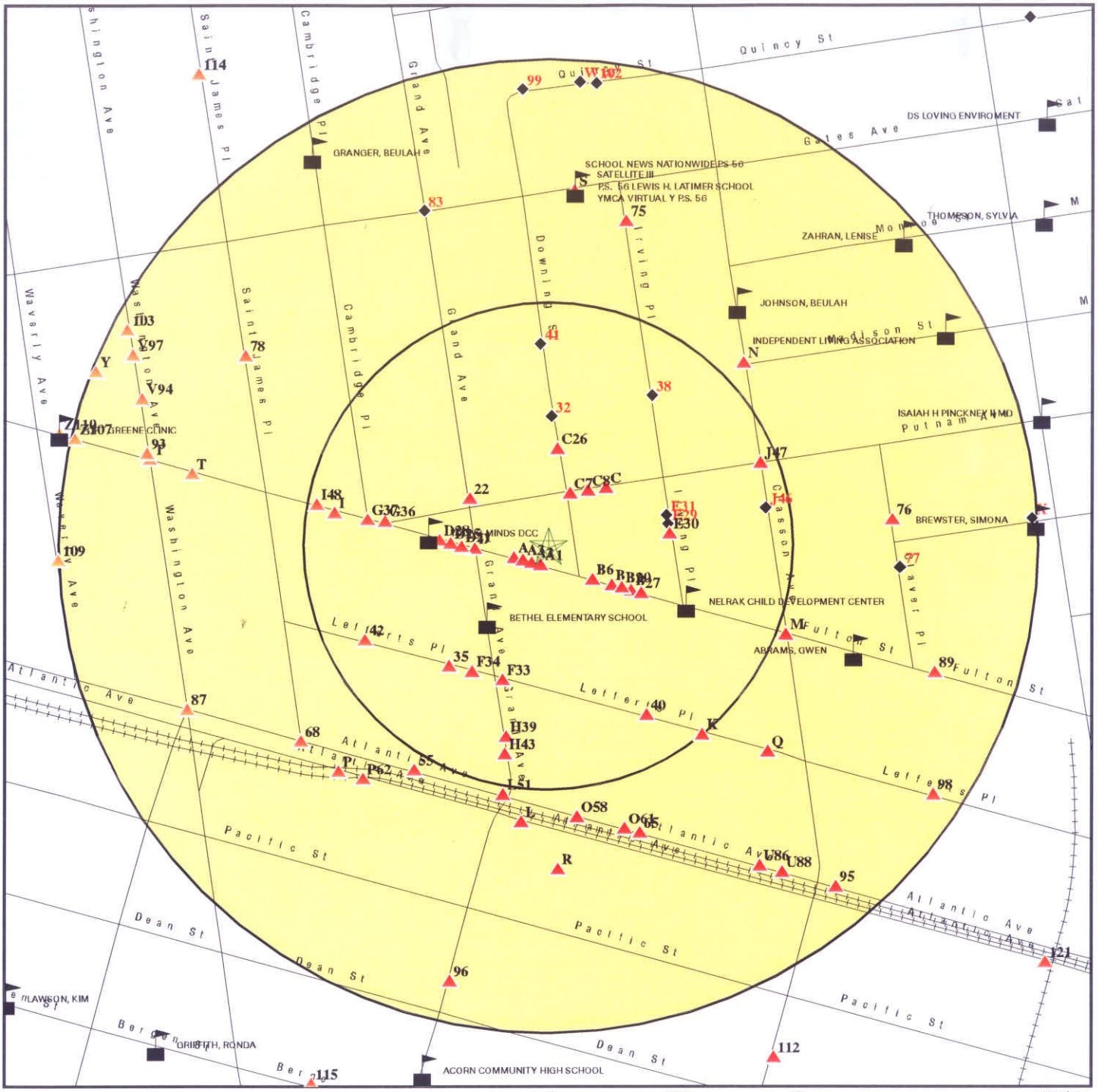
DETAIL MAP - 3447873.2s



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

0 1/16 1/8 1/4 Miles

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

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

SITE NAME: 1027 Fulton Street ADDRESS: 1027 Fulton Street Brooklyn NY 11238 LAT/LONG: 40.6824 / 73.9609	CLIENT: EPDSCO CONTACT: Hiram Rothkrug INQUIRY #: 3447873.2s DATE: November 05, 2012 5:05 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	2	NR	NR	NR	3
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	3	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	1	3	NR	NR	4
State and tribal leaking storage tank lists								
LTANKS	0.500		1	5	29	NR	NR	35
HIST LTANKS	0.500		2	3	28	NR	NR	33
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
TANKS	0.250		0	2	NR	NR	NR	2
UST	0.250		1	11	NR	NR	NR	12
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		9	10	NR	NR	NR	19
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		1	8	NR	NR	NR	9
HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		9	NR	NR	NR	NR	9
NY Hist Spills	0.125		2	NR	NR	NR	NR	2
Other Ascertainable Records								
RCRA-NonGen	0.250		4	8	NR	NR	NR	12
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		4	19	NR	NR	NR	23
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		24	NR	NR	NR	NR	24
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

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

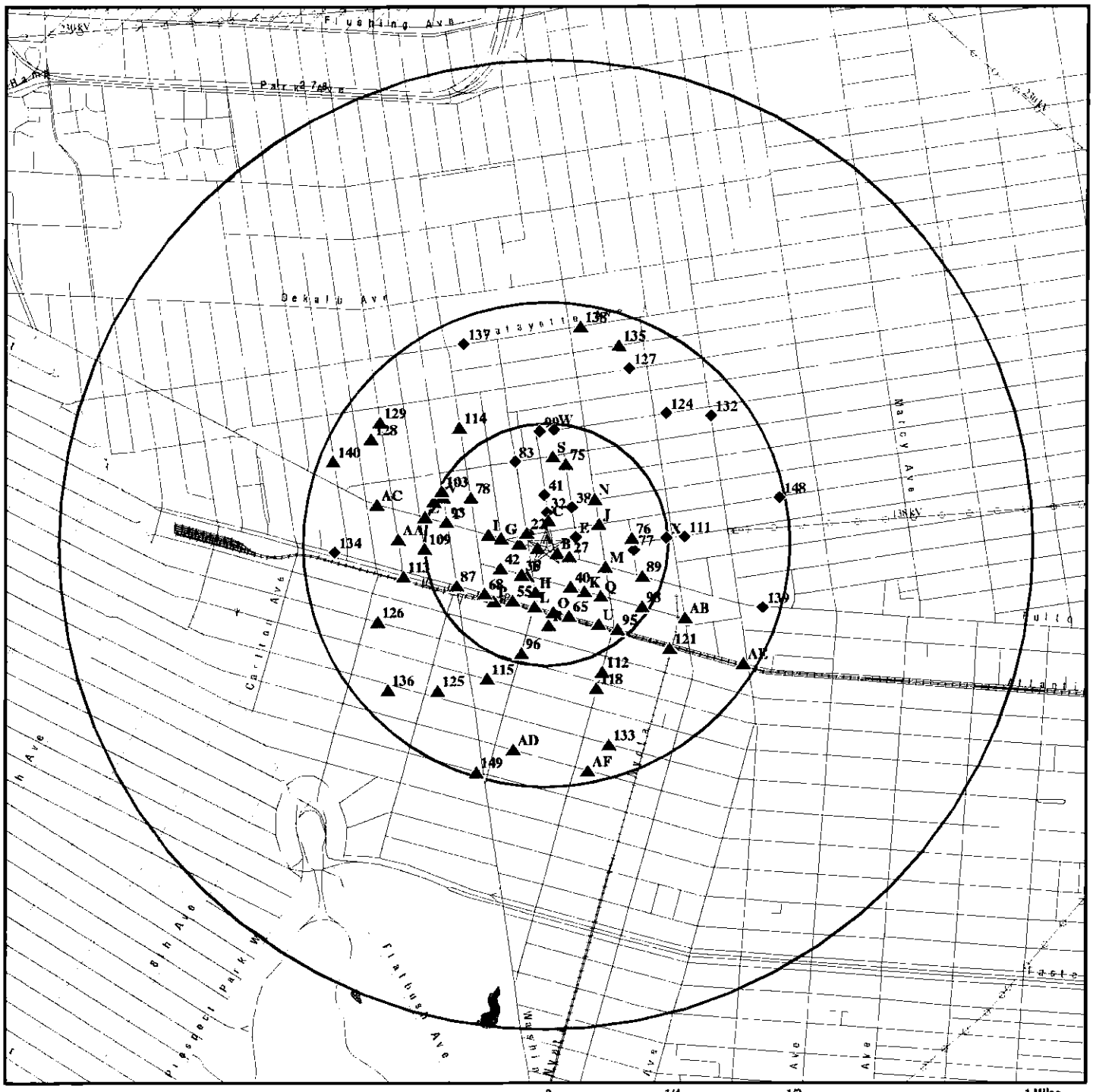
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

OVERVIEW MAP - 3447873.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

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

SITE NAME: 1027 Fulton Street ADDRESS: 1027 Fulton Street Brooklyn NY 11238 LAT/LONG: 40.6824 / 73.9609	CLIENT: EPDSCO CONTACT: Hiram Rothkrug INQUIRY #: 3447873.2s DATE: November 05, 2012 5:03 pm

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ATTACHMENT D

CITY DIRECTORY ABSTRACT FROM ENVIRONMENTAL DATA RESOURCES, INC.

1027 Fulton Street
1027 Fulton Street
Brooklyn, NY 11238

Inquiry Number: 3447873.4
November 05, 2012

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

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

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Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

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

RESEARCH SUMMARY

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

Year	Source	TP	Adjoining	Text Abstract	Source Image
2012	Cole Information Services	-	X	X	-
2007	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Corporation	-	X	X	-
2000	Cole Information Services	-	X	X	-
1997	NYNEX	-	X	X	-
1992	NYNEX Informantion Resource Co.	-	X	X	-
1985	NYNEX Information Resources Company	X	X	X	-
1980	New York Telephone	-	-	-	-
1976	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1965	New York Telephone	-	X	X	-
1960	New York Telephone	X	X	X	-
	New York Telephone Company	X	X	X	-
1949	New York Telephone Company	X	X	X	-
1945	New York Telephone Company	X	X	X	-
1940	New York Telephone Company	X	X	X	-
1934	R. L. Polk & Co.	X	X	X	-
1928	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

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

Address	*Type*	*Findings*
1019 Fulton Street	Client Entered	X
1021 Fulton Street	Client Entered	X
1023 Fulton Street	Client Entered	X
1025 Fulton Street	Client Entered	X
1029 Fulton Street	Client Entered	X
1031 Fulton Street	Client Entered	X
1033 Fulton Street	Client Entered	
18 Putnam Avenue	Client Entered	X
20 Putnam Avenue	Client Entered	X
22 Putnam Avenue	Client Entered	X
24 Putnam Avenue	Client Entered	X
26 Putnam Avenue	Client Entered	X
28 Putnam Avenue	Client Entered	X
102 Downing Street	Client Entered	X
104 Downing Street	Client Entered	
106 Downing Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1027 Fulton Street
Brooklyn, NY 11238

FINDINGS DETAIL

Target Property research detail.

FULTON

1027 FULTON

Year	Uses	Source
1985	BOWLES ROBERT B	NYNEX Information Resources Company
	BOYD ESSIE	NYNEX Information Resources Company
	MOORE EVELYN MRS	NYNEX Information Resources Company
1976	BOWLES ROBERT B	New York Telephone
	BOYD ESSIE	New York Telephone
1960	FINNEY NANNIE	New York Telephone
	RABINOWITZ DAVID PLMBT HEATG	New York Telephone
	Finney Nannie	New York Telephone Company
	Rabinowitz David plmbt heatg	New York Telephone Company
1949	Brumer Saml plumbg & heatg contg	New York Telephone Company
	Finney Nannie	New York Telephone Company
1945	Brumer Saml plumbg & heatg contg	New York Telephone Company
1940	Brumer Saml plumbg & heatg contg	New York Telephone Company
1934	SIEGEL JACOB ROOFERS	R. L. Polk & Co.

FULTON ST

1027 FULTON ST

Year	Uses	Source
1973	Boyd Essie	New York Telephone
1970	Boyd Essie	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

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

DOWNING

105 DOWNING

Year	Uses	Source
1934	MONTREE ANNA H	R. L. Polk & Co.
	MOTROE JAS R	R. L. Polk & Co.

107 DOWNING

Year	Uses	Source
1934	CUTLER ROBT SEXTON DURYEA PRESBYTERIAN CHURCH R	R. L. Polk & Co.
	GITTENS JOHN ELEV OPR H	R. L. Polk & Co.
	PAUPAW JAS H	R. L. Polk & Co.

DOWNING ST

107 DOWNING ST

Year	Uses	Source
1970	Holmes Mattie	New York Telephone
1965	Holmes Mattie	New York Telephone
1949	Holmes Mattie	New York Telephone Company

Downing Street

102 Downing Street

Year	Uses	Source
1976	EL-ROY'S BODY & FENDER REPR SVCE	New York Telephone
1934	DOWNING GARAGE	R. L. Polk & Co.

106 Downing Street

Year	Uses	Source
2005	h Scarborough Robert	Hill-Donnelly Corporation
2000	ROBERT SCARBOROUGH	Cole Information Services
1997	SCARBOROUGH Robert	NYNEX

FINDINGS

FULTON

1021 FULTON

Year	Uses	Source
1976	RAMEY CLARENCE I B	New York Telephone
1949	Hamilton Emile D rl est	New York Telephone Company
	Merkatz Max C	New York Telephone Company
1945	Merkatz Max	New York Telephone Company
1940	Merkatz Max glass	New York Telephone Company
1934	GORDON LOUIS H	R. L. Polk & Co.
	GORDON JEANETTE R	R. L. Polk & Co.
	GORDON SAML R	R. L. Polk & Co.
	GORDON & GORDON GLASS	R. L. Polk & Co.
	GREEN MATHEW COOK H	R. L. Polk & Co.
1928	GORDON B J DRY GDS	New York Telephone

1021 1/2 FULTON

Year	Uses	Source
1934	GREEN FLORENCE R	R. L. Polk & Co.
	GREEN CLARA R	R. L. Polk & Co.
1928	KAHAN DAVID M	New York Telephone

1022 FULTON

Year	Uses	Source
1928	FEINSTEIN HERMAN WHLSLE PAINT	New York Telephone

1023 FULTON

Year	Uses	Source
1949	La Cailles Restrnt	New York Telephone Company
1940	Logan & Wheeler statnr	New York Telephone Company
1934	FEUER JULIUS STATIONERY RET H DO	R. L. Polk & Co.
	FEUER MAE R	R. L. Polk & Co.
	FEUER HARRY CLK R	R. L. Polk & Co.
1928	JULIUS STATNY	New York Telephone

1024 FULTON

Year	Uses	Source
1985	ADELPHI INSTITUTE	NYNEX Information Resources Company
	STEVE S LOCKSMITH INC	NYNEX Information Resources Company

FINDINGS

Year	Uses	Source
1976	OPPORTUNITIES INDUSTRALIZATION CENTER OF N Y INC	New York Telephone
1960	GOODWILL INDUSTRIES OF BKLYN INC	New York Telephone
	Goodwill Industries of Bklyn Inc	New York Telephone Company
1949	BKLYN UNION GAS CO	New York Telephone Company
	Customers gas accounts & billing information	New York Telephone Company
	BKLYN UNION GAS CO	New York Telephone Company
	Sales & display rooms bill payments	New York Telephone Company
1945	Bklyn Union Gas Co	New York Telephone Company
	Customers gas accounts & billing information	New York Telephone Company
	Bklyn	New York Telephone Company
	Sales & display	New York Telephone Company
1940	Bklyn Union Gas Co Bill Payments Appliance Sales & Display Rooms	New York Telephone Company
	Bklyn Union Gas Co Emergency Orders & Information Day & Night Mi nnsota	New York Telephone Company
	Customers accts & billng inf	New York Telephone Company
1928	BKLYN UNION GAS CO	New York Telephone
	BKLYN UNION GAS CO	New York Telephone

1025 FULTON

Year	Uses	Source
1960	Fitzgeralds Beauty Salon	New York Telephone Company
1949	Fitzgerald Nellie E bty shp	New York Telephone Company
1945	Lizaire Amancia bty plr	New York Telephone Company
1940	Paulines Beauty Salon	New York Telephone Company
1934	BROWN ADA CLK R	R. L. Polk & Co.
	BROWN HARRY R	R. L. Polk & Co.
	BROWN WM CLK R	R. L. Polk & Co.
	BURCH LILLIAN IRONER R	R. L. Polk & Co.

1025 1/2 FULTON

Year	Uses	Source
1960	FITZGERALDS BEAUTY SALON	New York Telephone
1934	BARRACKS BROS MOVERS	R. L. Polk & Co.
1928	BARRACKS BROS MOVING & EXP	New York Telephone

FINDINGS

1028 FULTON

Year	Uses	Source
1960	Livingston Robt	New York Telephone Company
1934	FEUER WM R	R. L. Polk & Co.

1029 FULTON

Year	Uses	Source
1960	MELLIS CILLIAN E RL EST	New York Telephone
	STREATER MABLE	New York Telephone
	WILSON SIMEON	New York Telephone
	Mellis Cillian E rl est	New York Telephone Company
	Streater Mable	New York Telephone Company
	Wilson Simeon	New York Telephone Company
1949	Kuchinsky Herman butchr	New York Telephone Company
1945	New Wm butchr	New York Telephone Company
	New s Mkt	New York Telephone Company
1940	New Wm butchr	New York Telephone Company
	News Mkt	New York Telephone Company
1928	NEW WM BUTCHER	New York Telephone

1031 FULTON

Year	Uses	Source
1934	SIMPSON JAS H	R. L. Polk & Co.
	SIMPSON EVA CLK R	R. L. Polk & Co.
	SIMPSON CELIA R	R. L. Polk & Co.
	NOVEMBER CHAS FRUITS RET	R. L. Polk & Co.
	GERRIER WM R	R. L. Polk & Co.
1928	JOHENNING JOHN GROCR	New York Telephone

1034 FULTON

Year	Uses	Source
1928	CROSSMANN AUGUST PNTR & DECTR	New York Telephone

1035 FULTON

Year	Uses	Source
1960	PICK & PACK GROCERS	New York Telephone
	Pick & Pack Grocers	New York Telephone Company
1949	J & H Food Store	New York Telephone Company
	Hershcopf Jos grocry	New York Telephone Company
1945	J & H Food Store	New York Telephone Company
	Hershcopf Jos grocry	New York Telephone Company

FINDINGS

Year	Uses	Source
1940	Hershcopf Jos grocry	New York Telephone Company
1934	BRADY S DINING ROOM RESTR	R. L. Polk & Co.
	POLOKOFF ELES FURN DLR RET	R. L. Polk & Co.
1928	POLOKOFF E FURN DLR	New York Telephone

FULTON ST

1002 FULTON ST

Year	Uses	Source
2012	NEW PARADISE BAPTIST CHURCH	Cole Information Services
2007	NEW PARADISE BAPTIST CHURCH	Cole Information Services

1004 FULTON ST

Year	Uses	Source
2012	WARREN ASSOC	Cole Information Services

1006 FULTON ST

Year	Uses	Source
2012	D & G GLASS & MIRRORS INC	Cole Information Services

1021 FULTON ST

Year	Uses	Source
1973	Bamey Clarence I b	New York Telephone
	Ramey Clara Mrs	New York Telephone

FULTON st

1021 FULTON st

Year	Uses	Source
1970	Johnson Naomi	New York Telephone

FULTON ST

1021 FULTON ST

Year	Uses	Source
1970	Doris Ramey Candy Store	New York Telephone

1024 FULTON ST

Year	Uses	Source
1973	Opportunities Industrialization Center Of N Y	New York Telephone

FINDINGS

Year	Uses	Source
1973	Synergetic Svce Bur	New York Telephone

FULTON st

1024 FULTON st

Year	Uses	Source
1973	Big D Meat Mkt Corp	New York Telephone

FULTON ST

1024 FULTON ST

Year	Uses	Source
1970	Opportunities Industrialization Center of NY Inc	New York Telephone

FULTON st

1025 FULTON st

Year	Uses	Source
1970	Fitzgeralds Beauty Salon	New York Telephone

FULTON St

1025 FULTON St

Year	Uses	Source
1965	Fitzgeralds Beauty Salon	New York Telephone

FULTON ST

1029 FULTON ST

Year	Uses	Source
1973	Mowatt rl est	New York Telephone

FULTON st

1029 FULTON st

Year	Uses	Source
1970	Lee Harding	New York Telephone

FINDINGS

FULTON ST

1029 FULTON ST

Year	Uses	Source
1970	Green Rocco	New York Telephone

FULTON St

1029 FULTON St

Year	Uses	Source
1965	Streater Mable	New York Telephone
	Lee Harding	New York Telephone
	Wilson Simeon	New York Telephone

Fulton Street

1019 Fulton Street

Year	Uses	Source
1973	Kays Lunchnet	New York Telephone
1965	Southern Bar B Q Ins	New York Telephone
1960	Smith Chas	New York Telephone Company
1945	Kennedy John tlr	New York Telephone Company
1940	Siebenberg S	New York Telephone Company
1934	KURNICK ELSIE H	R. L. Polk & Co.
	KOETTIG CHAS DELICATESSEN H DO	R. L. Polk & Co.
	KOETTIG NATALIE SLSMN	R. L. Polk & Co.
	SEIDENBERG SAM H	R. L. Polk & Co.

1021 Fulton Street

Year	Uses	Source
1976	RAMEY CLARENCE I B	New York Telephone
1973	Ramey Clara Mrs	New York Telephone
	Bamey Clarence I b	New York Telephone
1970	Johnson Naomi	New York Telephone
	Doris Ramey Candy Store	New York Telephone
1949	Hamilton Emile D rl est	New York Telephone Company
	Merkatz Max C	New York Telephone Company
1945	Merkatz Max	New York Telephone Company
1940	Merkatz Max glass	New York Telephone Company
1934	GORDON & GORDON GLASS	R. L. Polk & Co.
	GORDON LOUIS H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	GORDON JEANETTE R	R. L. Polk & Co.
	GORDON SAML R	R. L. Polk & Co.
	GREEN MATHEW COOK H	R. L. Polk & Co.
1928	GORDON B J DRY GDS	New York Telephone

1023 Fulton Street

Year	Uses	Source
1949	La Cailles Restrnt	New York Telephone Company
1940	Logan & Wheeler statnr	New York Telephone Company
1934	FEUER HARRY CLK R	R. L. Polk & Co.
	FEUER JULIUS STATIONERY RET H DO	R. L. Polk & Co.
	FEUER MAE R	R. L. Polk & Co.
1928	JULIUS STATNY	New York Telephone

1025 Fulton Street

Year	Uses	Source
1970	Fitzgeralds Beauty Salon	New York Telephone
1965	Fitzgeralds Beauty Salon	New York Telephone
1960	Fitzgeralds Beauty Salon	New York Telephone Company
1949	Fitzgerald Nellie E bty shp	New York Telephone Company
1945	Lizaire Amancia bty plr	New York Telephone Company
1940	Paulines Beauty Salon	New York Telephone Company
1934	BROWN WM CLK R	R. L. Polk & Co.
	BROWN ADA CLK R	R. L. Polk & Co.
	BURCH LILLIAN IRONER R	R. L. Polk & Co.
	BROWN HARRY R	R. L. Polk & Co.

1029 Fulton Street

Year	Uses	Source
1973	Mowatt rl est	New York Telephone
1970	Lee Harding	New York Telephone
	Green Rocco	New York Telephone
1965	Streater Mable	New York Telephone
	Wilson Simeon	New York Telephone
	Lee Harding	New York Telephone
1960	MELLIS CILLIAN E RL EST	New York Telephone
	WILSON SIMEON	New York Telephone
	STREATER MABLE	New York Telephone
	Mellis Cillian E rl est	New York Telephone Company

FINDINGS

Year	Uses	Source
1960	Streater Mable	New York Telephone Company
	Wilson Simeon	New York Telephone Company
1949	Kuchinsky Herman butchr	New York Telephone Company
1945	New s Mkt	New York Telephone Company
	New Wm butchr	New York Telephone Company
1940	News Mkt	New York Telephone Company
	New Wm butchr	New York Telephone Company
1928	NEW WM BUTCHER	New York Telephone

1031 Fulton Street

Year	Uses	Source
1934	GERRIER WM R	R. L. Polk & Co.
	SIMPSON CELIA R	R. L. Polk & Co.
	SIMPSON JAS H	R. L. Polk & Co.
	SIMPSON EVA CLK R	R. L. Polk & Co.
	NOVEMBER CHAS FRUITS RET	R. L. Polk & Co.
1928	JOHENNING JOHN GROCR	New York Telephone

PUTNAM AVE

18 PUTNAM AVE

Year	Uses	Source
2007	COLLYMORE LAUNDROMAT	Cole Information Services

20 PUTNAM AVE

Year	Uses	Source
2007	DIVATUDE SALON NY	Cole Information Services

28 PUTNAM AVE

Year	Uses	Source
2012	DOWNING AUTO BODY	Cole Information Services
2007	DOWNING AUTO BODY	Cole Information Services

Putnam Avenue

18 Putnam Avenue

Year	Uses	Source
2005	CFzz I	Hill-Donnelly Corporation
	Collymore Laundromat 1s	Hill-Donnelly Corporation
2000	B C TRNSPRTN ASSOC	Cole Information Services

FINDINGS

Year	Uses	Source
2000	COLLYMORE LNDRMT	Cole Information Services
1997	Collymore Laundromat	NYNEX
1992	COLLYMORE LAUNDROMAT	NYNEX Informantion Resource Co.
1945	Stanford Ethel B	New York Telephone Company
1934	PAD CO	R. L. Polk & Co.
	TENGZELIUS FRANK C S PLMBR	R. L. Polk & Co.

20 Putnam Avenue

Year	Uses	Source
2005	Divatude	Hill-Donnelly Corporation
	Me Queen Beauty Salon	Hill-Donnelly Corporation
1973	Van Guard Office Clng Contractors Inc	New York Telephone
1970	VAN UARD OFFICE CLNG CONTRACTORS INC	New York Telephone
1960	Turner Fred H M rl est	New York Telephone Company
	TURNER FRED H M RL EST	New York Telephone
1940	Sawicki Wm blrds	New York Telephone Company
1934	DOLGOW JOS CLK R	R. L. Polk & Co.
	PARAMOUNT CUSTOM LAUNDRY LAUNDRIES HAND	R. L. Polk & Co.

22 Putnam Avenue

Year	Uses	Source
1976	FANNIE S BEAUTY ROOM	New York Telephone
1973	Fannies Beauty Room	New York Telephone
1970	Fannies Beauty Room	New York Telephone
1965	Fannies Beauty Room	New York Telephone
1960	Smith Fannie bty Plr	New York Telephone Company
	Smith Fannie b	New York Telephone Company
	SMITH FANNIE BTY PLR	New York Telephone
	SMITH FANNIE B	New York Telephone
1949	Smith Fannie bty plr	New York Telephone Company
	Fannies Beauty Parlor	New York Telephone Company
1945	Smith Fannie bty plr	New York Telephone Company
	Fannies Beauty Parlor	New York Telephone Company
1940	Fannies Beauty Parlor	New York Telephone Company
	Smith Fannie bty plr	New York Telephone Company

FINDINGS

24 Putnam Avenue

Year	Uses	Source
1960	Mac Millan Madeline	New York Telephone Company
1934	MIDDLETON MARTY BANDS AND ORCHESTRAS H DO	R. L. Polk & Co.
	PALMER EDW C BARBER H DO	R. L. Polk & Co.

26 Putnam Avenue

Year	Uses	Source
1973	Harrys Store	New York Telephone
1970	Thomas Austin Stationery	New York Telephone
1965	Jordan Henry Inchnet	New York Telephone
1960	Jordan Henry Inchnet	New York Telephone Company
1949	R H Outfitters	New York Telephone Company
	Lynch K statnry	New York Telephone Company
1945	Putnam Radio Svce Co	New York Telephone Company
	Lynch K statnry	New York Telephone Company
1940	Lynch K statnry	New York Telephone Company

28 Putnam Avenue

Year	Uses	Source
2005	Downing Auto Body i	Hill-Donnelly Corporation
2000	PUTNAM AV BODY SHP	Cole Information Services
1997	INCE Robt J	NYNEX
	Putnam Av Body Shop	NYNEX
1992	PUTNAM AV BODY SHOP	NYNEX Informantion Resource Co.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
1027 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1980, 1965, 1928

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
1002 FULTON ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1004 FULTON ST	2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1006 FULTON ST	2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1019 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1949, 1928
102 Downing Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
1021 1/2 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940
1021 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1960
1021 FULTON ST	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1021 FULTON st	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1021 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1965, 1960
1022 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
1023 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945
1023 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945
1024 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1980, 1973, 1970, 1965, 1934
1024 FULTON ST	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1024 FULTON st	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1025 1/2 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940
1025 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
1025 FULTON St	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
1025 FULTON st	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1025 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1928
1028 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1928
1029 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1934
1029 FULTON ST	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1029 FULTON St	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
1029 FULTON st	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1029 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1934
1031 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940
1031 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940
1033 Fulton Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1034 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
1035 FULTON	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965
104 Downing Street	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
105 DOWNING	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
106 Downing Street	2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
107 DOWNING	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
107 DOWNING ST	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1960, 1945, 1940, 1934, 1928
18 PUTNAM AVE	2012, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
18 Putnam Avenue	2012, 2007, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1928
20 PUTNAM AVE	2012, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
20 Putnam Avenue	2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1949, 1945, 1928
22 Putnam Avenue	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1934, 1928
24 Putnam Avenue	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1928
26 Putnam Avenue	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
28 PUTNAM AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
28 Putnam Avenue	2012, 2007, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

ATTACHMENT B

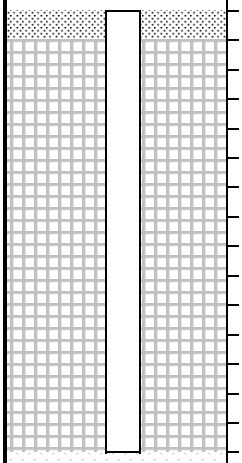
Soil Boring Logs

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Near corner of Fulton and Downing st.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: BAD1501	Address: 1019-1033 Fulton Street, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: C^2 Environmental	Method: Geoprobe	NA		Well Specifications
Date Started: 8/4/2015	Date Completed: 8/4/2015			None
Completion Depth: 13 feet	Geologist Reuben Levinton			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	29		0.0	11" - Brown sand 18" - Brick **Retained soil sample B1(0-2)*
	to 10	27		0.0	11" - Brick and rock 16" Brown sand with rock
	to 13	10		0.0	10" - Brown sand with rock and brick **Retained soil sample B1(11-13)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the northeast corner of the Site.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: BAD1501	Address: 1019-1033 Fulton Street, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: C^2 Environmental	Method: Geoprobe	NA		Well Specifications
Date Started: 8/3/2015	Date Completed: 8/3/2015			None
Completion Depth: 15 feet	Geologist Reuben Levinton			

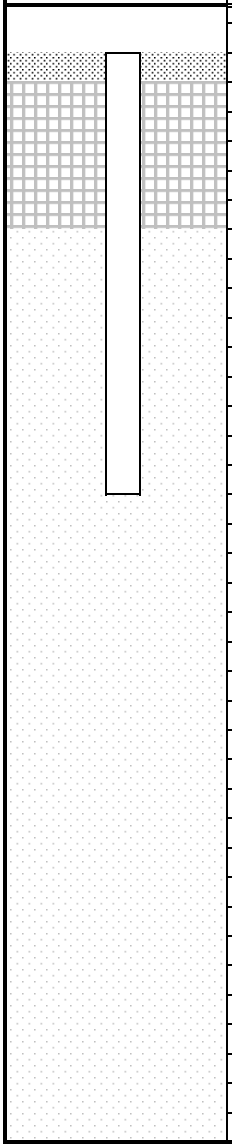
B2 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	43		0.0	43" - Fine brown sand *Retained soil sample B2(0-2)*
	to 10	43		0.0	43" - Brown sand
	to 15	36		0.0	6" - Brown sand 15" - Clay 15" - Sand with rock *Retained soil sample B2(11-13)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed on the east side of the Site, southwest of B2		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: BAD1501	Address: 1019-1033 Fulton Street, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: C^2 Environmental	Method: Geoprobe	NA		Well Specifications
Date Started: 8/3/2015	Date Completed: 8/3/2015			None
Completion Depth: 15 feet	Geologist Reuben Levinton			

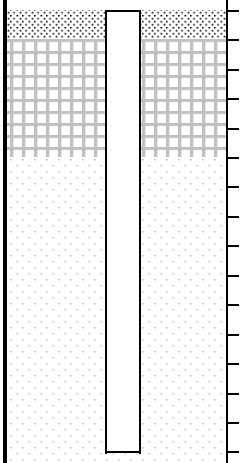
B3 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	14		0.0	14" - Brown sand with brick **Retained soil sample B3(0-2)*
	to 10	32		0.0	32" - brown silty sand, brick near top
	to 15	31		0.0	31" - Brown sand with rock **Retained soil sample B3(12-14)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed near center of Site, west of B3.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: BAD1501	Address: 1019-1033 Fulton Street, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: C^2 Environmental	Method: Geoprobe	NA		Well Specifications
Date Started: 8/3/2015	Date Completed: 8/3/2015			None
Completion Depth: 15 feet	Geologist Reuben Levinton			

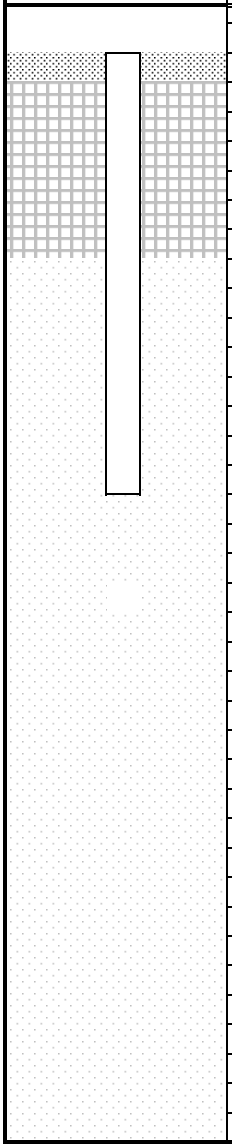
B4 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	27		0.0	2" - Asphalt 16" - Brown sand with rock 8" - Brown sand with brick 1" - Tan course sand **Retained soil sample B4(0-2)*
	to 10	31		0.0	3" - Rock 28" - Brown sand
	to 15	24		0.0	24" - Brown sand with gravel **Retained soil sample B4(12-14)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B5 Boring Log

Location: Performed southwest of B4.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: BAD1501	Address: 1019-1033 Fulton Street, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: C^2 Environmental	Method: Geoprobe	NA		Well Specifications
Date Started: 8/3/2015	Date Completed: 8/3/2015			None
Completion Depth: 13 feet	Geologist Reuben Levinton			

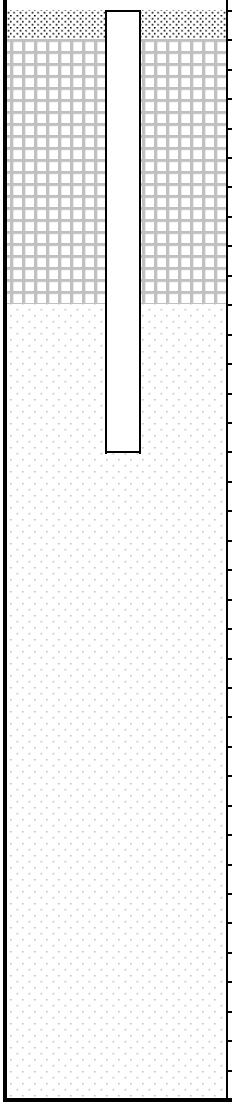
B5 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	48		48.6	26" - Brown sand with rock and brick 22" - Tan sand with gravel **Retained soil sample B5(0-2)*
	to 10	14		0.0	3" - Rock 11" - Sand rock and plastic
	to 13	13		0.0	13" - Brown sand with gravel Refusal at 13' **Retained soil sample B5(11-13)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B6 Boring Log

Location: Performed in		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: BAD1501	Address: 1019-1033 Fulton Street, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: C^2 Environmental	Method: Geoprobe	NA		Well Specifications
Date Started: 8/4/2015	Date Completed: 8/4/2015			None
Completion Depth: 14 feet	Geologist Reuben Levinton			

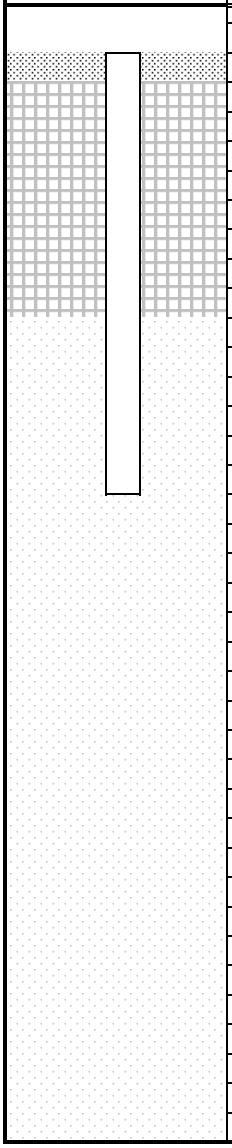
B6 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	48		0.0	41" - Brown sand with rock and brick 1" - Crushed rock 3" - Brown sand 3" - Crushed brick **Retained soil sample B6(0-2)*
	to 10	22		0.0	22" - Brown sand with rock and brick
	to 14	14		0.0	3" - Rock 11" - Brown sand and crushed rock **Retained soil sample B6(12-14)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B7 Boring Log

Location: Performed toward the north of the Site, northeast of B4.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: BAD1501	Address: 1019-1033 Fulton Street, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: C^2 Environmental	Method: Geoprobe	NA		Well Specifications
Date Started: 8/3/2015	Date Completed: 8/3/2015			None
Completion Depth: 15 feet	Geologist Reuben Levinton			

B7 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	25		0.0	13" - Light brown sand and pebbles 8" - Very fine brown sand 4" - Light brown coarse sand with brick and rock **Retained soil sample B7(0-2)*
	to 10	36		0.0	28" - Fine brown sand, rock and brick 4" - Brown clay 4" - Coarse brown sand
	to 15	23		0.0	9" - Tan coarse sand 8" - Coarse sand with rock 5" - Rock **Retained soil sample B7(12-14)*

ATTACHMENT C
Soil Gas Sampling Logs

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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. #

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

Report to: Kevin Waters
Customer: EBC
Address: ~~[illegible]~~
1008 Middle Country Rd, Ridge

Invoice to: EBC

Sampled by: Greg Sumson

Project Name: 1019 Fulton St Brooklyn

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	
70838	SG4	489	6.0	-30	-8	0334	41.7	1121	118	8/5	-30	-9		X			X
		353	6.0	-30	-	4485											
70839	SG5	12862	6.0	-30	-9	4490		1123	117	8/5	-29	-9		X			X
70840	SG1	480	6.0	-30	-9	5710		1127	114	8/5	-28	-9		X			X
70841	SG3	479	6.0	-30	-8	4993		1122	119	8/5	-29	-9		X			X
70842	SG2	494	6.0	-30	-7	3408		1125	116	8/5	-30	-9		X			X
	6L 2hrs																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8-7-15	19:50
[signature]	[signature]	8-7-15	1627

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
Rcvd unused canister #465 Reg 5349
#486 Reg 5706

Requested Criteria

Quote Number:

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

Signature: Date:

ATTACHMENT D
Laboratory Reports in Digital Format

PHOENIX
Environmental Laboratories, Inc.

Thursday, September 17, 2015

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

Project ID: 1019 FULTON ST., BROOKLYN
Sample ID#s: BJ71524 - BJ71539

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

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

NY # 11301

SDG Comments

September 17, 2015

SDG I.D.: GBJ71524

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

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL DATA PACKAGE

Client: Environmental Business Consultants

Project: 1019 FULTON ST., BROOKLYN

Laboratory Project: GBJ71524

PHOENIX

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

September 17, 2015 **SDG I.D.: GBJ71524**

Environmental Business Consultants 1019 FULTON ST., BROOKLYN

Methodology Summary

Volatiles

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

Accelerated Solvent Extraction (ASE)

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

Mercury Prep

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

Metals

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

Pesticides:

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

Polychlorinated Biphenyls (PCBs):

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

Semivolatile Organic Compounds

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

PHOENIX

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

September 17, 2015 **SDG I.D.: GBJ71524**

Environmental Business Consultants 1019 FULTON ST., BROOKLYN

Sample Id Cross Reference

Client Id	Lab Id	Matrix
B1 0-2 FT	BJ71524	SOIL
B1 11-13 FT	BJ71525	SOIL
B2 0-2 FT	BJ71526	SOIL
B2 11-13 FT	BJ71527	SOIL
B3-0-2 FT	BJ71528	SOIL
B3 12-14 FT	BJ71529	SOIL
B4 0-2 FT	BJ71530	SOIL
B4 12-14 FT	BJ71531	SOIL
B5 0-2 FT	BJ71532	SOIL
B5 11-13 FT	BJ71533	SOIL
B6 0-2 FT	BJ71534	SOIL
B6 12-14 FT	BJ71535	SOIL
B7 0-2 FT	BJ71536	SOIL
B7 12-14 FT	BJ71537	SOIL
TRIP BLANK LOW	BJ71538	SOIL
TRIP BLANK HIGH	BJ71539	SOIL

PHOENIX

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

September 17, 2015 **SDG I.D.: GBJ71524**

Environmental Business Consultants 1019 FULTON 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
BJ71524	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71524	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71524	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71524	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71524	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Semivolatiles	08/04/15	08/10/15	08/10/15	DD	Y
BJ71524	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71524	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71524	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71524	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71525	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Antimony	08/04/15	08/10/15	08/11/15	EK	Y

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BJ71525	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71525	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Pesticides - Soil	08/04/15	08/10/15	08/13/15	CE	Y
BJ71525	Polychlorinated Biphenyls	08/04/15	08/10/15	08/12/15	AW	Y
BJ71525	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71525	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71525	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71525	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71525	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71526	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71526	Aluminum	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Antimony	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Arsenic	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Barium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Beryllium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Cadmium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Calcium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Chromium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Cobalt	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Copper	08/04/15	08/10/15	08/11/15	LK	Y

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BJ71526	Iron	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Lead	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Magnesium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Manganese	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71526	Nickel	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Pesticides - Soil	08/04/15	08/10/15	08/13/15	CE	Y
BJ71526	Polychlorinated Biphenyls	08/04/15	08/10/15	08/12/15	AW	Y
BJ71526	Potassium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Selenium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71526	Silver	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Sodium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Thallium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Vanadium	08/04/15	08/10/15	08/11/15	LK	Y
BJ71526	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71526	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71526	Zinc	08/04/15	08/10/15	08/11/15	LK	Y
BJ71527	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71527	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71527	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71527	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y

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BJ71527	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Semivolatiles	08/04/15	08/10/15	08/10/15	DD	Y
BJ71527	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71527	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71527	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71527	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71528	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71528	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71528	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71528	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71528	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71528	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y

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BJ71528	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71528	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71529	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71529	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71529	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71529	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71529	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71529	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71529	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71529	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71530	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y

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BJ71530	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71530	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Pesticides - Soil	08/04/15	08/10/15	08/13/15	CE	Y
BJ71530	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71530	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71530	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71530	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71530	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71530	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71531	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y

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BJ71531	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71531	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71531	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71531	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71531	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71531	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71531	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71531	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71532	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71532	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Pesticides - Soil	08/04/15	08/10/15	08/13/15	CE	Y
BJ71532	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71532	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y

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BJ71532	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71532	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71532	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71532	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71533	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71533	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71533	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71533	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71533	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71533	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71533	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71533	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y

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BJ71534	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71534	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71534	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71534	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71534	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71534	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71534	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71534	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71535	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Chromium	08/04/15	08/10/15	08/11/15	EK	Y

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BJ71535	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71535	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71535	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71535	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71535	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71535	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71535	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71535	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71536	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71536	Nickel	08/04/15	08/10/15	08/11/15	EK	Y

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BJ71536	Pesticides - Soil	08/04/15	08/10/15	08/13/15	CE	Y
BJ71536	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71536	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71536	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Thallium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71536	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71536	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71536	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	1,4-dioxane	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71537	Aluminum	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Antimony	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Arsenic	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Barium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Beryllium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Cadmium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Calcium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Chromium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Cobalt	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Copper	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Iron	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Lead	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Magnesium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Manganese	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Mercury	08/04/15	08/11/15	08/11/15	RS	Y
BJ71537	Nickel	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Pesticides - Soil	08/04/15	08/10/15	08/12/15	CE	Y
BJ71537	Polychlorinated Biphenyls	08/04/15	08/10/15	08/11/15	AW	Y
BJ71537	Potassium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Selenium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Semivolatiles	08/04/15	08/10/15	08/11/15	DD	Y
BJ71537	Silver	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Sodium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Thallium	08/04/15	08/10/15	08/11/15	EK	Y

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BJ71537	Vanadium	08/04/15	08/10/15	08/11/15	EK	Y
BJ71537	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71537	Volatiles	08/04/15	08/12/15	08/12/15	JLI	Y
BJ71537	Zinc	08/04/15	08/10/15	08/11/15	EK	Y
BJ71538	1,4-dioxane	08/04/15	08/11/15	08/11/15	JLI	Y
BJ71538	Volatiles	08/04/15	08/11/15	08/11/15	JLI	Y
BJ71538	Volatiles	08/04/15	08/11/15	08/11/15	JLI	Y
BJ71539	1,4-dioxane	08/04/15	08/11/15	08/11/15	JLI	Y
BJ71539	Volatiles	08/04/15	08/11/15	08/11/15	JLI	Y
BJ71539	Volatiles	08/04/15	08/11/15	08/11/15	JLI	Y

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Analysis Report

September 17, 2015

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:		08/04/15	8:00
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71524

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 0-2 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	7980		34	6.8	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	5.1		0.7	0.68	mg/Kg	1	08/11/15	EK	SW6010C
Barium	210		0.7	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.46		0.27	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	15600	*	34	31	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.83		0.34	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	7.92		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	17.5		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Copper	36.0		0.34	0.34	mg/kg	1	08/11/15	EK	SW6010C
Iron	21700		34	34	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.27		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	1120	N	68	26	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	3530	*	3.4	3.4	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	1110		3.4	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	736		7	2.9	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	40.6		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Lead	255		6.8	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	24.4		0.3	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	237		6.8	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Percent Solid	90				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 0-2 FT

Phoenix I.D.: BJ71524

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	108			%	2	08/11/15	AW	30 - 150 %
% TCMX	94			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	3.3	3.3	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	25	2.2	2.2	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	110	11	11	ug/Kg	10	08/12/15	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	15	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	14	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	19	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	20	20	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	200	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	Interference			%	2	08/12/15	CE	30 - 150 %
% TCMX	87			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 0-2 FT

Phoenix I.D.: BJ71524

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	24	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	48	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	9.6	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	4.8	1.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.6	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	4.8	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	4.8	0.86	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.6	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.6	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	93			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	113			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	100			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	96	38	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	93			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	100			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	19	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	96	19	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	250	90	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	720	250	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	08/10/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	08/10/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 0-2 FT

Phoenix I.D.: BJ71524

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		720	370	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	08/10/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	08/10/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	1	08/10/15	D/P	SW8270D	
3-Nitroaniline	ND		720	720	ug/Kg	1	08/10/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloroaniline	ND		330	170	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitroaniline	ND		720	120	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitrophenol	ND		720	160	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthylene	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Aniline	ND		290	290	ug/Kg	1	08/10/15	D/P	SW8270D	
Anthracene	280		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benz(a)anthracene	1200		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzidine	ND		720	210	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(a)pyrene	1200		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(b)fluoranthene	1100		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(ghi)perylene	760		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(k)fluoranthene	1000		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	08/10/15	D/P	SW8270D	1
Benzyl butyl phthalate	100	J	250	93	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		250	98	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	400		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Carbazole	ND		1800	270	ug/Kg	1	08/10/15	D/P	SW8270D	
Chrysene	1400		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Dibenz(a,h)anthracene	170	J	250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	08/10/15	D/P	SW8270D	
Fluoranthene	2500		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobenzene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachloroethane	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	820		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Isophorone	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Nitrobenzene	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 0-2 FT

Phoenix I.D.: BJ71524

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	08/10/15	D/P	SW8270D
Phenanthrene	1400	250	100	ug/Kg	1	08/10/15	D/P	SW8270D
Phenol	ND	250	120	ug/Kg	1	08/10/15	D/P	SW8270D
Pyrene	2400	250	120	ug/Kg	1	08/10/15	D/P	SW8270D
Pyridine	ND	250	89	ug/Kg	1	08/10/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	64			%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	56			%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorophenol	48			%	1	08/10/15	D/P	30 - 130 %
% Nitrobenzene-d5	52			%	1	08/10/15	D/P	30 - 130 %
% Phenol-d5	52			%	1	08/10/15	D/P	30 - 130 %
% Terphenyl-d14	57			%	1	08/10/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL 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 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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
September 17, 2015
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

September 17, 2015

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:		08/04/15	8:30
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71525

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 11-13 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.33		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	6060		33	6.6	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	3.1		0.7	0.66	mg/Kg	1	08/11/15	EK	SW6010C
Barium	243		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.41		0.27	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	20500	*	33	30	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.32	B	0.33	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	5.22		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	15.3		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Copper	19.2		0.33	0.33	mg/kg	1	08/11/15	EK	SW6010C
Iron	14700		33	33	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.14		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	768	N	66	26	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	3310	*	3.3	3.3	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	295		3.3	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	311		7	2.9	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	15.9		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Lead	277		6.6	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.3		1.3	1.1	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.3		1.3	1.3	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	19.5		0.3	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	181		6.6	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Percent Solid	92				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	08/12/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	87			%	2	08/12/15	AW	30 - 150 %
% TCMX	81			%	2	08/12/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	110	110	ug/Kg	100	08/13/15	CE	SW8081B
4,4' -DDE	ND	110	110	ug/Kg	100	08/13/15	CE	SW8081B
4,4' -DDT	ND	110	110	ug/Kg	100	08/13/15	CE	SW8081B
a-BHC	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
a-Chlordane	ND	180	180	ug/Kg	100	08/13/15	CE	SW8081B
Aldrin	ND	180	180	ug/Kg	100	08/13/15	CE	SW8081B
b-BHC	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
d-BHC	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Dieldrin	ND	180	180	ug/Kg	100	08/13/15	CE	SW8081B
Endosulfan I	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Endosulfan II	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Endosulfan sulfate	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Endrin	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Endrin aldehyde	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Endrin ketone	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
g-BHC	ND	72	72	ug/Kg	100	08/13/15	CE	SW8081B
g-Chlordane	ND	180	180	ug/Kg	100	08/13/15	CE	SW8081B
Heptachlor	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Heptachlor epoxide	ND	360	360	ug/Kg	100	08/13/15	CE	SW8081B
Methoxychlor	ND	1800	1800	ug/Kg	100	08/13/15	CE	SW8081B
Toxaphene	ND	7200	7200	ug/Kg	100	08/13/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	Diluted Out			%	100	08/13/15	CE	30 - 150 %
% TCMX	Diluted Out			%	100	08/13/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 11-13 FT

Phoenix I.D.: BJ71525

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	22	4.3	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	22	4.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	43	4.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	8.7	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	4.3	1.7	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	26	4.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.7	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	4.3	4.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	4.3	0.78	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND		4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		8.7	2.2	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		8.7	2.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND		4.3	0.87	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND		4.3	0.43	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	100				%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	70				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101				%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		87	35	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	101				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	100				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101				%	1	08/12/15	JLI	70 - 130 %	
Volatiles										
Acrolein	ND		17	2.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND		87	17	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dichlorophenol	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dimethylphenol	130	J	250	88	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrophenol	ND		710	250	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	1	08/10/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylnaphthalene	2000		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	08/10/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B1 11-13 FT

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		710	360	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	08/10/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	190	J	250	140	ug/Kg	1	08/10/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		710	170	ug/Kg	1	08/10/15	D/P	SW8270D	
3-Nitroaniline	ND		710	710	ug/Kg	1	08/10/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1800	380	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitroaniline	ND		710	120	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthene	560		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthylene	390		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Aniline	ND		290	290	ug/Kg	1	08/10/15	D/P	SW8270D	
Anthracene	11000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Benz(a)anthracene	22000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Benzidine	ND		710	210	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(a)pyrene	19000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	17000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	12000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	16000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1800	710	ug/Kg	1	08/10/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		250	92	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	98	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		250	96	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	99	ug/Kg	1	08/10/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	580		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Carbazole	5500		1800	270	ug/Kg	1	08/10/15	D/P	SW8270D	
Chrysene	24000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	4200		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Dibenzofuran	4600		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-butylphthalate	ND		250	95	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-octylphthalate	ND		250	92	ug/Kg	1	08/10/15	D/P	SW8270D	
Fluoranthene	59000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Fluorene	6000		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobenzene	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachloroethane	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	14000	D	2500	1200	ug/Kg	10	08/11/15	D/P	SW8270D	
Isophorone	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Naphthalene	5200		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Nitrobenzene	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D	

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Client ID: B1 11-13 FT

Phoenix I.D.: BJ71525

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND		250	140	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachloronitrobenzene	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachlorophenol	ND		250	130	ug/Kg	1	08/10/15	D/P	SW8270D
Phenanthrene	64000	D	2500	1000	ug/Kg	10	08/11/15	D/P	SW8270D
Phenol	ND		250	110	ug/Kg	1	08/10/15	D/P	SW8270D
Pyrene	ND		250	120	ug/Kg	1	08/10/15	D/P	SW8270D
Pyridine	ND		250	88	ug/Kg	1	08/10/15	D/P	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	79				%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	63				%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorophenol	53				%	1	08/10/15	D/P	30 - 130 %
% Nitrobenzene-d5	56				%	1	08/10/15	D/P	30 - 130 %
% Phenol-d5	59				%	1	08/10/15	D/P	30 - 130 %
% Terphenyl-d14	69				%	1	08/10/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL 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 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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
September 17, 2015
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

September 17, 2015

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:		08/04/15	8:45
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71526

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 0-2 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.33		0.33	0.33	mg/Kg	1	08/11/15	LK	SW6010C
Aluminum	9140		33	6.6	mg/Kg	10	08/11/15	LK	SW6010C
Arsenic	6.6		0.7	0.66	mg/Kg	1	08/11/15	LK	SW6010C
Barium	113		0.7	0.33	mg/Kg	1	08/11/15	LK	SW6010C
Beryllium	0.32		0.26	0.13	mg/Kg	1	08/11/15	LK	SW6010C
Calcium	2890	*	3.3	3.0	mg/Kg	1	08/11/15	LK	SW6010C
Cadmium	0.32	B	0.33	0.13	mg/Kg	1	08/11/15	LK	SW6010C
Cobalt	4.82		0.33	0.33	mg/Kg	1	08/11/15	LK	SW6010C
Chromium	15.6		0.33	0.33	mg/Kg	1	08/11/15	LK	SW6010C
Copper	33.6		0.33	0.33	mg/kg	1	08/11/15	LK	SW6010C
Iron	18000		33	33	mg/Kg	10	08/11/15	LK	SW6010C
Mercury	0.58		0.02	0.01	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	1070	N	7	2.6	mg/Kg	1	08/11/15	LK	SW6010C
Magnesium	2660	*	3.3	3.3	mg/Kg	1	08/11/15	LK	SW6010C
Manganese	226		3.3	3.3	mg/Kg	10	08/11/15	LK	SW6010C
Sodium	55		7	2.8	mg/Kg	1	08/11/15	LK	SW6010C
Nickel	12.6		0.33	0.33	mg/Kg	1	08/11/15	LK	SW6010C
Lead	289		6.6	3.3	mg/Kg	10	08/11/15	LK	SW6010C
Antimony	< 1.6		1.6	1.6	mg/Kg	1	08/11/15	LK	SW6010C
Selenium	< 1.3		1.3	1.1	mg/Kg	1	08/11/15	LK	SW6010C
Thallium	< 1.3		1.3	1.3	mg/Kg	1	08/11/15	LK	SW6010C
Vanadium	23.8		0.3	0.33	mg/Kg	1	08/11/15	LK	SW6010C
Zinc	146		6.6	3.3	mg/Kg	10	08/11/15	LK	SW6010C
Percent Solid	95				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 0-2 FT

Phoenix I.D.: BJ71526

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1221	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1232	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1242	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1248	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1254	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1260	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1262	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
PCB-1268	ND	34	34	ug/Kg	2	08/12/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	98			%	2	08/12/15	AW	30 - 150 %
% TCMX	90			%	2	08/12/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	25	25	ug/Kg	20	08/13/15	CE	SW8081B
4,4' -DDE	ND	21	21	ug/Kg	20	08/13/15	CE	SW8081B
4,4' -DDT	ND	21	21	ug/Kg	20	08/13/15	CE	SW8081B
a-BHC	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
a-Chlordane	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
Aldrin	ND	10	10	ug/Kg	20	08/13/15	CE	SW8081B
b-BHC	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
d-BHC	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
Dieldrin	ND	10	10	ug/Kg	20	08/13/15	CE	SW8081B
Endosulfan I	ND	68	68	ug/Kg	20	08/13/15	CE	SW8081B
Endosulfan II	ND	68	68	ug/Kg	20	08/13/15	CE	SW8081B
Endosulfan sulfate	ND	68	68	ug/Kg	20	08/13/15	CE	SW8081B
Endrin	ND	60	60	ug/Kg	20	08/13/15	CE	SW8081B
Endrin aldehyde	ND	68	68	ug/Kg	20	08/13/15	CE	SW8081B
Endrin ketone	ND	68	68	ug/Kg	20	08/13/15	CE	SW8081B
g-BHC	ND	14	14	ug/Kg	20	08/13/15	CE	SW8081B
g-Chlordane	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
Heptachlor	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
Heptachlor epoxide	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	20	08/13/15	CE	SW8081B
Toxaphene	ND	1400	1400	ug/Kg	20	08/13/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	Diluted Out			%	20	08/13/15	CE	30 - 150 %
% TCMX	Diluted Out			%	20	08/13/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 0-2 FT

Phoenix I.D.: BJ71526

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	24	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	49	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	9.8	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	4.9	2.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.8	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	4.9	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	63 J	210	42	ug/Kg	50	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	4.9	0.88	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	180	J	210	21	ug/Kg	50	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND		4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		9.8	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	32	J	210	21	ug/Kg	50	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		9.8	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND		4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND		4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96				%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	116				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	104				%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		98	39	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	104				%	1	08/12/15	JLI	70 - 130 %	
Volatiles										
Acrolein	ND		20	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND		98	20	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND		240	98	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND		240	190	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dichlorophenol	ND		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dimethylphenol	ND		240	86	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrophenol	ND		690	240	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND		240	140	ug/Kg	1	08/10/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chloronaphthalene	ND		240	98	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chlorophenol	ND		240	98	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylnaphthalene	190	J	240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND		240	160	ug/Kg	1	08/10/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 0-2 FT

Phoenix I.D.: BJ71526

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		690	350	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Nitrophenol	ND		240	220	ug/Kg	1	08/10/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	140	ug/Kg	1	08/10/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		690	160	ug/Kg	1	08/10/15	D/P	SW8270D	
3-Nitroaniline	ND		690	690	ug/Kg	1	08/10/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1700	370	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloroaniline	ND		280	160	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitroaniline	ND		690	120	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitrophenol	ND		350	160	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthene	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthylene	130	J	240	97	ug/Kg	1	08/10/15	D/P	SW8270D	
Acetophenone	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Aniline	ND		280	280	ug/Kg	1	08/10/15	D/P	SW8270D	
Anthracene	1800		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Benz(a)anthracene	5700		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzidine	ND		690	200	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(a)pyrene	5600		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(b)fluoranthene	5100		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(ghi)perylene	3700		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(k)fluoranthene	4400		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzoic acid	ND		1700	690	ug/Kg	1	08/10/15	D/P	SW8270D	1
Benzyl butyl phthalate	100	J	240	89	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	96	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		240	93	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	96	ug/Kg	1	08/10/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Carbazole	840	J	1700	260	ug/Kg	1	08/10/15	D/P	SW8270D	
Chrysene	6800		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Dibenz(a,h)anthracene	1200		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Dibenzofuran	500		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Dimethylphthalate	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-butylphthalate	ND		240	92	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-octylphthalate	ND		240	89	ug/Kg	1	08/10/15	D/P	SW8270D	
Fluoranthene	13000	D	1200	560	ug/Kg	5	08/11/15	D/P	SW8270D	
Fluorene	810		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobenzene	ND		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobutadiene	ND		240	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachloroethane	ND		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	4000		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Isophorone	ND		240	97	ug/Kg	1	08/10/15	D/P	SW8270D	
Naphthalene	300		240	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Nitrobenzene	ND		240	120	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		240	98	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 0-2 FT

Phoenix I.D.: BJ71526

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND		240	130	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachloronitrobenzene	ND		240	130	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachlorophenol	430		240	130	ug/Kg	1	08/10/15	D/P	SW8270D
Phenanthrene	11000	D	1200	500	ug/Kg	5	08/11/15	D/P	SW8270D
Phenol	ND		240	110	ug/Kg	1	08/10/15	D/P	SW8270D
Pyrene	12000	D	1200	600	ug/Kg	5	08/11/15	D/P	SW8270D
Pyridine	ND		240	85	ug/Kg	1	08/10/15	D/P	SW8270D
QA/QC Surrogates									
% 2,4,6-Tribromophenol	76				%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	66				%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorophenol	58				%	1	08/10/15	D/P	30 - 130 %
% Nitrobenzene-d5	62				%	1	08/10/15	D/P	30 - 130 %
% Phenol-d5	63				%	1	08/10/15	D/P	30 - 130 %
% Terphenyl-d14	70				%	1	08/10/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL 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 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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

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
September 17, 2015
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

September 17, 2015

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:		08/04/15	9:00
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71527

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 11-13 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	13500		35	6.9	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	2.1		0.7	0.69	mg/Kg	1	08/11/15	EK	SW6010C
Barium	71.7		0.7	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.59		0.28	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	1460	*	3.5	3.2	mg/Kg	1	08/11/15	EK	SW6010C
Cadmium	0.23	B	0.35	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	12.8		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	37.3		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Copper	22.6		0.35	0.35	mg/kg	1	08/11/15	EK	SW6010C
Iron	30500		35	35	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.09		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	1290	N	69	27	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	4020	*	3.5	3.5	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	610		3.5	3.5	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	108		7	3.0	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	18.6		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Lead	8.1		0.7	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	40.6		0.3	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	71.4		0.7	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Percent Solid	85				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 11-13 FT

Phoenix I.D.: BJ71527

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	39	39	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	91			%	2	08/11/15	AW	30 - 150 %
% TCMX	84			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.3	2.3	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	ND	2.3	2.3	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	ND	2.3	2.3	ug/Kg	2	08/12/15	CE	SW8081B
a-BHC	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	15	3.9	3.9	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.9	3.9	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	ND	3.9	3.9	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	6.6	3.9	3.9	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	7.7	7.7	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	39	39	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	98			%	2	08/12/15	CE	30 - 150 %
% TCMX	97			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 11-13 FT

Phoenix I.D.: BJ71527

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	30	5.9	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	30	5.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	50	5.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	5.9	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	36	5.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	5.9	5.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	5.9	1.1	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	3.0	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	3.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.9	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	5.9	0.59	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	112			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	103			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100	48	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	103			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	24	3.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	120	24	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	270	210	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	270	94	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	760	270	ug/Kg	1	08/10/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	270	150	ug/Kg	1	08/10/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chloronaphthalene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Chlorophenol	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylnaphthalene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	270	180	ug/Kg	1	08/10/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 11-13 FT

Phoenix I.D.: BJ71527

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND	760	380	ug/Kg	1	08/10/15	D/P	SW8270D	
2-Nitrophenol	ND	270	240	ug/Kg	1	08/10/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	270	150	ug/Kg	1	08/10/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND	760	180	ug/Kg	1	08/10/15	D/P	SW8270D	
3-Nitroaniline	ND	760	760	ug/Kg	1	08/10/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1900	410	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chloroaniline	ND	300	180	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitroaniline	ND	760	130	ug/Kg	1	08/10/15	D/P	SW8270D	
4-Nitrophenol	ND	380	170	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Acenaphthylene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Acetophenone	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Aniline	ND	300	300	ug/Kg	1	08/10/15	D/P	SW8270D	
Anthracene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benz(a)anthracene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzidine	ND	760	220	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(a)pyrene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(b)fluoranthene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(ghi)perylene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzo(k)fluoranthene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Benzoic acid	ND	1900	760	ug/Kg	1	08/10/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND	270	98	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND	270	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	280	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Carbazole	ND	1900	290	ug/Kg	1	08/10/15	D/P	SW8270D	
Chrysene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Dibenzofuran	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Diethyl phthalate	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Dimethylphthalate	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-butylphthalate	ND	270	100	ug/Kg	1	08/10/15	D/P	SW8270D	
Di-n-octylphthalate	ND	270	98	ug/Kg	1	08/10/15	D/P	SW8270D	
Fluoranthene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Fluorene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobenzene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorobutadiene	ND	270	140	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	
Hexachloroethane	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
Isophorone	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Naphthalene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
Nitrobenzene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B2 11-13 FT

Phoenix I.D.: BJ71527

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	270	150	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachloronitrobenzene	ND	270	140	ug/Kg	1	08/10/15	D/P	SW8270D
Pentachlorophenol	ND	270	140	ug/Kg	1	08/10/15	D/P	SW8270D
Phenanthrene	ND	270	110	ug/Kg	1	08/10/15	D/P	SW8270D
Phenol	ND	270	120	ug/Kg	1	08/10/15	D/P	SW8270D
Pyrene	ND	270	130	ug/Kg	1	08/10/15	D/P	SW8270D
Pyridine	ND	270	94	ug/Kg	1	08/10/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	72			%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	08/10/15	D/P	30 - 130 %
% 2-Fluorophenol	53			%	1	08/10/15	D/P	30 - 130 %
% Nitrobenzene-d5	54			%	1	08/10/15	D/P	30 - 130 %
% Phenol-d5	57			%	1	08/10/15	D/P	30 - 130 %
% Terphenyl-d14	76			%	1	08/10/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	9:30
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71528

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3-0-2 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	7240		34	6.7	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	3.9		0.7	0.67	mg/Kg	1	08/11/15	EK	SW6010C
Barium	524		0.7	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.40		0.27	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	40400	*	34	31	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.41		0.34	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	5.66		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	19.4		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Copper	20.4		0.34	0.34	mg/kg	1	08/11/15	EK	SW6010C
Iron	14900		34	34	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.53		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	1370	N	67	26	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	4100	*	3.4	3.4	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	279		3.4	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	489		7	2.9	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	12.5		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Lead	203		6.7	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.3		1.3	1.1	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.3		1.3	1.3	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	25.5		0.3	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	307		6.7	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Percent Solid	91				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3-0-2 FT

Phoenix I.D.: BJ71528

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	88			%	2	08/11/15	AW	30 - 150 %
% TCMX	85			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	3.3	3.3	ug/Kg	2	08/12/15	C/P	SW8081B
4,4' -DDE	9.5	2.1	2.1	ug/Kg	2	08/12/15	C/P	SW8081B
4,4' -DDT	55	2.1	2.1	ug/Kg	2	08/12/15	C/P	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
a-Chlordane	13	3.6	3.6	ug/Kg	2	08/12/15	C/P	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	08/12/15	C/P	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	2	08/12/15	C/P	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
Endrin	ND	14	14	ug/Kg	2	08/12/15	C/P	SW8081B
Endrin aldehyde	ND	90	90	ug/Kg	2	08/12/15	C/P	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
g-BHC	ND	2.0	2.0	ug/Kg	2	08/12/15	C/P	SW8081B
g-Chlordane	22	3.6	3.6	ug/Kg	2	08/12/15	C/P	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	2	08/12/15	C/P	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	08/12/15	C/P	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	08/12/15	C/P	SW8081B
QA/QC Surrogates								
% DCBP	Interference			%	2	08/12/15	C/P	30 - 150 %
% TCMX	101			%	2	08/12/15	C/P	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3-0-2 FT

Phoenix I.D.: BJ71528

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	29	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	29	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	50	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	12	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	5.8	2.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	35	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	12	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	5.8	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	5.8	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	12	2.9	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	12	2.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	90			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	114			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100	46	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	90			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	23	2.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	120	23	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	720	250	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3-0-2 FT

Phoenix I.D.: BJ71528

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		720	360	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		720	720	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		720	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	170	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		290	290	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	310		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	1400		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		720	210	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	1600		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	1400		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	1400		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	1300		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	900		250	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	400		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND		1800	270	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	1700		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	320		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	2700		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	1400		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3-0-2 FT

Phoenix I.D.: BJ71528

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	1500	250	100	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	2600	250	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	250	88	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	70			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	55			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	57			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	60			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	65			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

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

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	9:45
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71529

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3 12-14 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.33		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	10300		33	6.6	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	2.0		0.7	0.66	mg/Kg	1	08/11/15	EK	SW6010C
Barium	56.0		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.60		0.27	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	2250	*	3.3	3.1	mg/Kg	1	08/11/15	EK	SW6010C
Cadmium	0.21	B	0.33	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	9.16		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	28.6		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Copper	19.6		0.33	0.33	mg/kg	1	08/11/15	EK	SW6010C
Iron	24300		33	33	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	< 0.03		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	2150	N	66	26	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	4630	*	3.3	3.3	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	727		3.3	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	709		7	2.9	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	28.3		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Lead	9.6		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.3		1.3	1.1	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.3		1.3	1.3	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	37.4		0.3	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	42.0		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Percent Solid	93				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	35	35	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	89			%	2	08/11/15	AW	30 - 150 %
% TCMX	84			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	2	08/12/15	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	96			%	2	08/12/15	CE	30 - 150 %
% TCMX	96			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3 12-14 FT

Phoenix I.D.: BJ71529

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	24	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	48	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	9.6	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	4.8	1.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.6	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	4.8	4.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	4.8	0.86	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.6	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.6	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4.8	0.96	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	4.8	0.48	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	111			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	104			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	96	38	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	104			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	19	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	96	19	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	240	190	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	240	86	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	700	240	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	240	140	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	240	99	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	240	99	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3 12-14 FT

Phoenix I.D.: BJ71529

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND	700	350	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND	240	220	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	240	140	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND	700	160	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND	700	700	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND	1700	380	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND	280	160	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND	700	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND	350	160	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	ND	240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND	280	280	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND	700	210	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	320	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND	1700	700	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND	240	90	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND	240	96	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND	240	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND	240	97	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	360	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND	1700	260	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND	240	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND	240	90	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	340	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND	240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND	240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B3 12-14 FT

Phoenix I.D.: BJ71529

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	240	86	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	67			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	60			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	47			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	54			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	54			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	75			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	10:00
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71530

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B4 0-2 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	9730		34	6.9	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	3.8		0.7	0.69	mg/Kg	1	08/11/15	EK	SW6010C
Barium	230		0.7	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.41		0.27	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	35200	*	34	32	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.29	B	0.34	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	6.15		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	21.4		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Copper	23.8		0.34	0.34	mg/kg	1	08/11/15	EK	SW6010C
Iron	18700		34	34	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.15		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	953	N	69	27	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	6700	*	34	34	mg/Kg	10	08/11/15	EK	SW6010C
Manganese	320		3.4	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	240		7	2.9	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	13.4		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Lead	675		6.9	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	30.3		0.3	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	200		6.9	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Percent Solid	90				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B4 0-2 FT

Phoenix I.D.: BJ71530

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	89			%	2	08/11/15	AW	30 - 150 %
% TCMX	85			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	31	11	11	ug/Kg	10	08/13/15	CE	SW8081B
4,4' -DDE	16	11	11	ug/Kg	10	08/13/15	CE	SW8081B
4,4' -DDT	55	11	11	ug/Kg	10	08/13/15	CE	SW8081B
a-BHC	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
a-Chlordane	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Aldrin	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
b-BHC	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
d-BHC	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Dieldrin	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Endosulfan I	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endosulfan II	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endosulfan sulfate	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endrin	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endrin aldehyde	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endrin ketone	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
g-BHC	ND	7.3	7.3	ug/Kg	10	08/13/15	CE	SW8081B
g-Chlordane	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Heptachlor	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Heptachlor epoxide	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Methoxychlor	ND	180	180	ug/Kg	10	08/13/15	CE	SW8081B
Toxaphene	ND	730	730	ug/Kg	10	08/13/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	Interference			%	10	08/13/15	CE	30 - 150 %
% TCMX	77			%	10	08/13/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B4 0-2 FT

Phoenix I.D.: BJ71530

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	1.7	J	5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND		29	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		29	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	9.3	JS	50	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND		12	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND		5.8	2.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND		35	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		12	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND		5.8	5.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	1.9	J	5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND		5.8	1.1	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		12	2.9	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		12	2.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND		5.8	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND		5.8	0.58	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	91				%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	113				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	97				%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		100	47	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	98				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	91				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	97				%	1	08/12/15	JLI	70 - 130 %	
Volatiles										
Acrolein	ND		23	2.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND		120	23	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND		250	90	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND		730	250	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	140	J	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B4 0-2 FT

Phoenix I.D.: BJ71530

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		730	370	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		730	170	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		730	730	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		730	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	300		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		290	290	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	600		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	1300		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		730	210	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	1100		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	1200		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	870		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	1100		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1800	730	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		250	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		250	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	170	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	300	J	1800	280	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	1500		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	220	J	250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	270		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		250	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		250	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	2900		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	130	J	250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	920		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	190	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B4 0-2 FT

Phoenix I.D.: BJ71530

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	2800	250	100	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	250	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	2300	250	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	250	90	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	59			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	58			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	43			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	51			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	55			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	64			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

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

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	10:15
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71531

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B4 12-14 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.33		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	5600		33	6.6	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	1.5		0.7	0.66	mg/Kg	1	08/11/15	EK	SW6010C
Barium	39.3		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.27	B	0.27	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	5330	*	3.3	3.0	mg/Kg	1	08/11/15	EK	SW6010C
Cadmium	< 0.33		0.33	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	6.62		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	15.2		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Copper	31.7		0.33	0.33	mg/kg	1	08/11/15	EK	SW6010C
Iron	13100		33	33	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	< 0.03		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	1520	N	66	26	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	4840	*	3.3	3.3	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	247		3.3	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	530		7	2.8	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	14.6		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Lead	4.7		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.3		1.3	1.1	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.3		1.3	1.3	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	23.5		0.3	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	27.9		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Percent Solid	98				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B4 12-14 FT

Phoenix I.D.: BJ71531

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	91			%	2	08/11/15	AW	30 - 150 %
% TCMX	86			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
a-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.3	1.3	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	130	130	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	105			%	2	08/12/15	CE	30 - 150 %
% TCMX	98			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	16	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	16	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	31	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	6.2	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	3.1	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	19	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	6.2	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	3.1	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	3.1	0.56	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	6.2	1.6	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	6.2	1.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	3.1	0.62	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	107			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	104			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	62	25	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	102			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	104			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	12	1.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	62	12	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	240	95	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	240	180	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	240	83	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	670	240	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	240	96	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	240	96	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	08/11/15	D/P	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		670	340	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		240	210	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	130	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		670	160	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		670	670	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1700	360	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		240	99	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		270	160	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		670	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		340	150	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	ND		240	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		270	270	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		670	200	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	ND		240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	190	J	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1700	670	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		240	87	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		240	91	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	93	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	480		240	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND		1700	250	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND		240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		240	89	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		240	87	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	140	J	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		240	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND		240	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		240	95	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	ND	240	96	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	240	83	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	82			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	68			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	59			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	60			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	64			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	73			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	10:30
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71532

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 0-2 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	8880		35	7.0	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	4.0		0.7	0.70	mg/Kg	1	08/11/15	EK	SW6010C
Barium	184		0.7	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.41		0.28	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	20600	*	35	32	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.35	B	0.35	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	6.27		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	21.1		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Copper	25.4		0.35	0.35	mg/kg	1	08/11/15	EK	SW6010C
Iron	16600		35	35	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.16		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	861	N	70	27	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	3550	*	3.5	3.5	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	276		3.5	3.5	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	210		7	3.0	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	13.3		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Lead	409		7.0	3.5	mg/Kg	10	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	29.1		0.3	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	189		7.0	3.5	mg/Kg	10	08/11/15	EK	SW6010C
Percent Solid	92				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 0-2 FT

Phoenix I.D.: BJ71532

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	79			%	2	08/11/15	AW	30 - 150 %
% TCMX	80			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	35	35	ug/Kg	20	08/13/15	CE	SW8081B
4,4' -DDE	ND	22	22	ug/Kg	20	08/13/15	CE	SW8081B
4,4' -DDT	ND	22	22	ug/Kg	20	08/13/15	CE	SW8081B
a-BHC	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
a-Chlordane	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
Aldrin	ND	11	11	ug/Kg	20	08/13/15	CE	SW8081B
b-BHC	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
d-BHC	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
Dieldrin	ND	11	11	ug/Kg	20	08/13/15	CE	SW8081B
Endosulfan I	ND	72	72	ug/Kg	20	08/13/15	CE	SW8081B
Endosulfan II	ND	72	72	ug/Kg	20	08/13/15	CE	SW8081B
Endosulfan sulfate	ND	72	72	ug/Kg	20	08/13/15	CE	SW8081B
Endrin	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
Endrin aldehyde	ND	72	72	ug/Kg	20	08/13/15	CE	SW8081B
Endrin ketone	ND	72	72	ug/Kg	20	08/13/15	CE	SW8081B
g-BHC	ND	14	14	ug/Kg	20	08/13/15	CE	SW8081B
g-Chlordane	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
Heptachlor	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
Heptachlor epoxide	ND	36	36	ug/Kg	20	08/13/15	CE	SW8081B
Methoxychlor	ND	40	40	ug/Kg	20	08/13/15	CE	SW8081B
Toxaphene	ND	1400	1400	ug/Kg	20	08/13/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	Diluted Out			%	20	08/13/15	CE	30 - 150 %
% TCMX	Diluted Out			%	20	08/13/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 0-2 FT

Phoenix I.D.: BJ71532

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	23	4.6	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	23	4.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	46	4.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	9.1	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	4.6	1.8	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	27	4.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.1	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	4.6	4.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	4.6	0.82	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND		4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND		4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND		9.1	2.3	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND		9.1	2.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND		4.6	0.91	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND		4.6	0.46	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	88				%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	123				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101				%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane										
1,4-dioxane	ND		91	37	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	99				%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	88				%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101				%	1	08/12/15	JLI	70 - 130 %	
Volatiles										
Acrolein	ND		18	2.3	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND		91	18	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles										
1,2,4,5-Tetrachlorobenzene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND		250	200	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND		250	89	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND		720	250	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND		250	140	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	130	J	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND		250	170	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 0-2 FT

Phoenix I.D.: BJ71532

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		720	360	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		720	720	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		720	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	220	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		290	290	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	720		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	1400		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		720	210	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	1200		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	1100		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	790		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	1000		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		250	92	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	240	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	350	J	1800	270	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	1500		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	170	J	250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	250	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		250	95	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		250	92	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	3600		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	220	J	250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	800		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	200	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 0-2 FT

Phoenix I.D.: BJ71532

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	3300	250	100	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	3200	250	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	250	88	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	60			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	53			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	42			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	48			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	50			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	63			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

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
September 17, 2015
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

September 17, 2015

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:		08/04/15	10:45
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71533

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 11-13 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.30		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	5560		30	5.9	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	12.1		0.6	0.59	mg/Kg	1	08/11/15	EK	SW6010C
Barium	58.0		0.6	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.57		0.24	0.12	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	2830	*	3.0	2.7	mg/Kg	1	08/11/15	EK	SW6010C
Cadmium	0.35		0.30	0.12	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	7.93		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	13.5		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Copper	49.6		0.30	0.30	mg/kg	1	08/11/15	EK	SW6010C
Iron	23100		30	30	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	< 0.03		0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	1830	N	59	23	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	3400	*	3.0	3.0	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	419		3.0	3.0	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	366		6	2.6	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	15.0		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Lead	15.5		0.6	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Antimony	< 1.5		1.5	1.5	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.2		1.2	1.0	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.2		1.2	1.2	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	23.0		0.3	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	50.3		0.6	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Percent Solid	99				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 11-13 FT

Phoenix I.D.: BJ71533

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	33	33	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	84			%	2	08/11/15	AW	30 - 150 %
% TCMX	78			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
a-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	ND	3.3	3.3	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.3	3.3	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	ND	3.3	3.3	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.3	1.3	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	ND	3.3	3.3	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	33	33	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	130	130	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	93			%	2	08/12/15	CE	30 - 150 %
% TCMX	91			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 11-13 FT

Phoenix I.D.: BJ71533

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	20	3.9	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	20	3.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	39	3.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	7.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	3.9	1.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	24	3.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	7.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	3.9	3.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	3.9	0.71	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	7.9	2.0	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	7.9	2.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	3.9	0.79	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	3.9	0.39	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	114			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	102			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	79	32	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	102			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	16	2.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	79	16	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	230	98	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	230	98	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	230	82	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	660	230	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	230	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	230	94	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	230	94	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	230	99	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	230	160	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 11-13 FT

Phoenix I.D.: BJ71533

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		660	330	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		230	210	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		230	130	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		660	160	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		660	660	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1700	360	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		230	97	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		260	150	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		660	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		330	150	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	ND		230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		260	260	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		660	190	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1700	660	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		230	85	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		230	91	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		230	89	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		230	92	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	100	J	230	95	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND		1700	250	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND		230	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		230	88	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		230	85	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		230	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		230	99	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND		230	95	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B5 11-13 FT

Phoenix I.D.: BJ71533

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	230	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	230	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	230	130	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	ND	230	95	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	230	81	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	64			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	60			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	64			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	64			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	72			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	11:00
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71534

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 0-2 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.33		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	9610		33	6.5	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	4.1		0.7	0.65	mg/Kg	1	08/11/15	EK	SW6010C
Barium	241		0.7	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.42		0.26	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	14800	*	33	30	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.33	B	0.33	0.13	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	7.56		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	20.6		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Copper	25.9		0.33	0.33	mg/kg	1	08/11/15	EK	SW6010C
Iron	20900		33	33	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.19	N	0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	892	N	65	26	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	2950	*	3.3	3.3	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	378		3.3	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	239		7	2.8	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	14.1		0.33	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Lead	377		6.5	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Antimony	< 1.6		1.6	1.6	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.3		1.3	1.1	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.3		1.3	1.3	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	27.9		0.3	0.33	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	180		6.5	3.3	mg/Kg	10	08/11/15	EK	SW6010C
Percent Solid	91				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 0-2 FT

Phoenix I.D.: BJ71534

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	100			%	2	08/11/15	AW	30 - 150 %
% TCMX	86			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	38	2.2	2.2	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	12	2.2	2.2	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	29	2.2	2.2	ug/Kg	2	08/12/15	CE	SW8081B
a-BHC	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	7.8	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	18	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.5	1.5	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	19	3.6	3.6	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	7.3	7.3	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	150	150	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	144			%	2	08/12/15	CE	30 - 150 %
% TCMX	94			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 0-2 FT

Phoenix I.D.: BJ71534

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	24	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	24	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	49	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	9.8	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	4.9	2.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	29	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	9.8	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	4.9	4.9	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	4.9	0.88	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	9.8	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	9.8	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4.9	0.98	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	4.9	0.49	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	90			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	105			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	100			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	98	39	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	98			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	90			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	100			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	20	2.4	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	98	20	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	250	89	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	720	250	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 0-2 FT

Phoenix I.D.: BJ71534

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		720	360	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		250	230	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		250	140	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		720	170	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		720	720	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		720	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	140	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		290	290	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	270		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	700		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		720	210	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	630		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	610		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	440		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	570		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1800	720	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		250	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		250	99	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		250	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	140	J	250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND		1800	270	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	780		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		250	96	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		250	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	1600		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		250	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	410		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		250	130	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		250	100	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		250	120	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 0-2 FT

Phoenix I.D.: BJ71534

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	1300	250	100	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	250	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	1400	250	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	250	89	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	83			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	55			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	65			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	64			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	74			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	11:15
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71535

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 12-14 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.34		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	10800		34	6.8	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	5.1		0.7	0.68	mg/Kg	1	08/11/15	EK	SW6010C
Barium	204		0.7	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.44		0.27	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	17700	*	34	31	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.88		0.34	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	9.91		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	27.2		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Copper	45.0		0.34	0.34	mg/kg	1	08/11/15	EK	SW6010C
Iron	24600		34	34	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	2.81	N	0.25	0.15	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	5780	N	68	26	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	14400	*	34	34	mg/Kg	10	08/11/15	EK	SW6010C
Manganese	464		3.4	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	793		7	2.9	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	25.1		0.34	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Lead	354		6.8	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Antimony	< 1.7		1.7	1.7	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.4		1.4	1.1	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	52.8		0.3	0.34	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	383		6.8	3.4	mg/Kg	10	08/11/15	EK	SW6010C
Percent Solid	96				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 12-14 FT

Phoenix I.D.: BJ71535

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	91			%	2	08/11/15	AW	30 - 150 %
% TCMX	92			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.1	2.1	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	4.2	2.1	2.1	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	23	2.1	2.1	ug/Kg	2	08/12/15	CE	SW8081B
a-BHC	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	4.3	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	6.6	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	8.3	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	6.9	6.9	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	126			%	2	08/12/15	CE	30 - 150 %
% TCMX	102			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 12-14 FT

Phoenix I.D.: BJ71535

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	21	4.2	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	21	4.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	42	4.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	8.4	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	4.2	1.7	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	25	4.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	8.4	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	4.2	4.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	4.2	0.76	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	8.4	2.1	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	8.4	2.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	4.2	0.84	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	4.2	0.42	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	94			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	108			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	84	34	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	94			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	17	2.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	84	17	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	240	95	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	240	180	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	240	83	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	670	240	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	240	95	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	240	95	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	240	160	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 12-14 FT

Phoenix I.D.: BJ71535

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		670	340	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		240	210	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		240	130	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		670	160	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		670	670	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1700	360	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		240	99	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		270	160	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		670	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		340	150	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	ND		240	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		270	270	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	270		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		670	200	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	240		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	200	J	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	170	J	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	200	J	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1700	670	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		240	87	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		240	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		240	91	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		240	93	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	180	J	240	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND		1700	250	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	290		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND		240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		240	89	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		240	87	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	480		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		240	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		240	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	160	J	240	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		240	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND		240	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		240	120	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		240	95	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		240	110	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B6 12-14 FT

Phoenix I.D.: BJ71535

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	240	130	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	500	240	96	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	240	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	510	240	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	240	83	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	64			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	57			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	50			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	54			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	55			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	62			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

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
September 17, 2015
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

September 17, 2015

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:		08/04/15	11:30
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71536

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B7 0-2 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	7870		35	7.0	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	3.9		0.7	0.70	mg/Kg	1	08/11/15	EK	SW6010C
Barium	89.2		0.7	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.38		0.28	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	51900	*	35	32	mg/Kg	10	08/11/15	EK	SW6010C
Cadmium	0.24	B	0.35	0.14	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	5.53		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	25.2		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Copper	22.9		0.35	0.35	mg/kg	1	08/11/15	EK	SW6010C
Iron	13600		35	35	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	0.10	N	0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	930	N	70	27	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	9360	*	35	35	mg/Kg	10	08/11/15	EK	SW6010C
Manganese	254		3.5	3.5	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	301		7	3.0	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	14.5		0.35	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Lead	134		0.7	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Antimony	< 1.8		1.8	1.8	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.4		1.4	1.2	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.4		1.4	1.4	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	31.2		0.4	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	91.3		0.7	0.35	mg/Kg	1	08/11/15	EK	SW6010C
Percent Solid	91				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	79			%	2	08/11/15	AW	30 - 150 %
% TCMX	83			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	11	11	ug/Kg	10	08/13/15	CE	SW8081B
4,4' -DDE	ND	11	11	ug/Kg	10	08/13/15	CE	SW8081B
4,4' -DDT	ND	11	11	ug/Kg	10	08/13/15	CE	SW8081B
a-BHC	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
a-Chlordane	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Aldrin	ND	5.0	5.0	ug/Kg	10	08/13/15	CE	SW8081B
b-BHC	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
d-BHC	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Dieldrin	ND	5.0	5.0	ug/Kg	10	08/13/15	CE	SW8081B
Endosulfan I	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endosulfan II	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endosulfan sulfate	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endrin	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Endrin aldehyde	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Endrin ketone	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
g-BHC	ND	7.1	7.1	ug/Kg	10	08/13/15	CE	SW8081B
g-Chlordane	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Heptachlor	ND	36	36	ug/Kg	10	08/13/15	CE	SW8081B
Heptachlor epoxide	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Methoxychlor	ND	18	18	ug/Kg	10	08/13/15	CE	SW8081B
Toxaphene	ND	710	710	ug/Kg	10	08/13/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	59			%	10	08/13/15	CE	30 - 150 %
% TCMX	72			%	10	08/13/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B7 0-2 FT

Phoenix I.D.: BJ71536

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND		26	5.1	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND		26	5.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	7.1	JS	50	5.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND		10	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND		5.1	2.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND		5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND		31	5.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND		10	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND		5.1	5.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	3.0	J	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND		5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND		5.1	0.92	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.6	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.1	1.0	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	5.1	0.51	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	114			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	100			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	100	41	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	96			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	100			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	20	2.6	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	100	20	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	260	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	260	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	260	90	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	730	260	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	260	140	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	260	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	260	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B7 0-2 FT

Phoenix I.D.: BJ71536

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		730	370	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		260	230	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		260	140	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		730	170	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		730	730	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1800	390	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		260	130	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		290	170	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		730	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		360	160	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	ND		260	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		290	290	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	ND		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	460		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		730	210	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	440		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	400		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	450		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	370		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1800	730	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		260	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		260	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		260	98	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		260	100	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	160	J	260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND		1800	280	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	570		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		260	97	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		260	94	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	860		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		260	130	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	410		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		260	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND		260	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		260	130	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		260	100	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		260	120	ug/Kg	1	08/11/15	D/P	SW8270D	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B7 0-2 FT

Phoenix I.D.: BJ71536

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	470	260	100	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	260	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	790	260	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	260	90	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	50			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	62			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	48			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	62			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	62			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	63			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

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

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	12:00
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71537

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B7 12-14 FT

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.30		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Aluminum	3690		30	6.1	mg/Kg	10	08/11/15	EK	SW6010C
Arsenic	1.4		0.6	0.61	mg/Kg	1	08/11/15	EK	SW6010C
Barium	29.8		0.6	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Beryllium	0.23	B	0.24	0.12	mg/Kg	1	08/11/15	EK	SW6010C
Calcium	1280	*	3.0	2.8	mg/Kg	1	08/11/15	EK	SW6010C
Cadmium	0.15	B	0.30	0.12	mg/Kg	1	08/11/15	EK	SW6010C
Cobalt	6.03		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Chromium	12.1		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Copper	17.0		0.30	0.30	mg/kg	1	08/11/15	EK	SW6010C
Iron	11600		30	30	mg/Kg	10	08/11/15	EK	SW6010C
Mercury	< 0.03	N	0.03	0.02	mg/Kg	1	08/11/15	RS	SW7471B
Potassium	719	N	61	24	mg/Kg	10	08/11/15	EK	SW6010C
Magnesium	1750	*	3.0	3.0	mg/Kg	1	08/11/15	EK	SW6010C
Manganese	283		3.0	3.0	mg/Kg	10	08/11/15	EK	SW6010C
Sodium	136		6	2.6	mg/Kg	1	08/11/15	EK	SW6010C
Nickel	11.8		0.30	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Lead	3.4		0.6	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Antimony	< 1.5		1.5	1.5	mg/Kg	1	08/11/15	EK	SW6010C
Selenium	< 1.2		1.2	1.0	mg/Kg	1	08/11/15	EK	SW6010C
Thallium	< 1.2		1.2	1.2	mg/Kg	1	08/11/15	EK	SW6010C
Vanadium	20.4		0.3	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Zinc	24.1		0.6	0.30	mg/Kg	1	08/11/15	EK	SW6010C
Percent Solid	98				%		08/10/15	W	SW846-%Solid
Soil Extraction for PCB	Completed						08/10/15	BC	SW3545A
Soil Extraction for Pesticide	Completed						08/10/15	BC/H	SW3545A
Soil Extraction for SVOA	Completed						08/10/15	BJ/NH	SW3545A
Mercury Digestion	Completed						08/11/15	U/U	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					08/10/15	G/AG	SW3050B
Field Extraction	Completed					08/04/15		SW5035A
Polychlorinated Biphenyls								
PCB-1016	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1221	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1232	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1242	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1248	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1254	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1260	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1262	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
PCB-1268	ND	34	34	ug/Kg	2	08/11/15	AW	SW8082A
QA/QC Surrogates								
% DCBP	79			%	2	08/11/15	AW	30 - 150 %
% TCMX	91			%	2	08/11/15	AW	30 - 150 %
Pesticides - Soil								
4,4' -DDD	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDE	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
4,4' -DDT	ND	2.0	2.0	ug/Kg	2	08/12/15	CE	SW8081B
a-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
a-Chlordane	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Aldrin	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
b-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
d-BHC	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Dieldrin	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan I	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan II	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endosulfan sulfate	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin aldehyde	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Endrin ketone	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
g-BHC	ND	1.3	1.3	ug/Kg	2	08/12/15	CE	SW8081B
g-Chlordane	ND	3.4	3.4	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Heptachlor epoxide	ND	6.7	6.7	ug/Kg	2	08/12/15	CE	SW8081B
Methoxychlor	ND	34	34	ug/Kg	2	08/12/15	CE	SW8081B
Toxaphene	ND	130	130	ug/Kg	2	08/12/15	CE	SW8081B
QA/QC Surrogates								
% DCBP	104			%	2	08/12/15	CE	30 - 150 %
% TCMX	107			%	2	08/12/15	CE	30 - 150 %
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C
1,1-Dichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: B7 12-14 FT

Phoenix I.D.: BJ71537

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
1,1-Dichloropropene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dibromoethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,2-Dichloropropane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
1,3-Dichloropropane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
2,2-Dichloropropane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Chlorotoluene	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Hexanone	ND	15	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
2-Isopropyltoluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	1
4-Chlorotoluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
4-Methyl-2-pentanone	ND	15	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Acetone	ND	31	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Acrylonitrile	ND	6.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Benzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromochloromethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromodichloromethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromoform	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Bromomethane	ND	3.1	1.2	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon Disulfide	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Carbon tetrachloride	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Chlorobenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloroform	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Chloromethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromochloromethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Dibromomethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Ethylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Hexachlorobutadiene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Isopropylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
m&p-Xylene	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	18	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	6.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Methylene chloride	ND	3.1	3.1	ug/Kg	1	08/12/15	JLI	SW8260C	
Naphthalene	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Butylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
n-Propylbenzene	ND	3.1	0.55	ug/Kg	1	08/12/15	JLI	SW8260C	

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
o-Xylene	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
p-Isopropyltoluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
sec-Butylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Styrene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
tert-Butylbenzene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrachloroethene	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	6.1	1.5	ug/Kg	1	08/12/15	JLI	SW8260C	1
Toluene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	6.1	1.5	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichloroethene	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorofluoromethane	ND	3.1	0.61	ug/Kg	1	08/12/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
Vinyl chloride	ND	3.1	0.31	ug/Kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	08/12/15	JLI	70 - 130 %	
% Dibromofluoromethane	112			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101			%	1	08/12/15	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	61	24	ug/kg	1	08/12/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	101			%	1	08/12/15	JLI	70 - 130 %	
% Bromofluorobenzene	97			%	1	08/12/15	JLI	70 - 130 %	
% Toluene-d8	101			%	1	08/12/15	JLI	70 - 130 %	
Volatiles									
Acrolein	ND	12	1.5	ug/Kg	1	08/12/15	JLI	SW8260C	
Tert-butyl alcohol	ND	61	12	ug/Kg	1	08/12/15	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND	230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2,4-Trichlorobenzene	ND	230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Dichlorobenzene	ND	230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
1,2-Diphenylhydrazine	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
1,3-Dichlorobenzene	ND	230	98	ug/Kg	1	08/11/15	D/P	SW8270D	
1,4-Dichlorobenzene	ND	230	98	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,5-Trichlorophenol	ND	230	180	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4,6-Trichlorophenol	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dichlorophenol	ND	230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dimethylphenol	ND	230	82	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrophenol	ND	660	230	ug/Kg	1	08/11/15	D/P	SW8270D	
2,4-Dinitrotoluene	ND	230	130	ug/Kg	1	08/11/15	D/P	SW8270D	
2,6-Dinitrotoluene	ND	230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chloronaphthalene	ND	230	94	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Chlorophenol	ND	230	94	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylnaphthalene	ND	230	98	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Methylphenol (o-cresol)	ND	230	160	ug/Kg	1	08/11/15	D/P	SW8270D	

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Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
2-Nitroaniline	ND		660	330	ug/Kg	1	08/11/15	D/P	SW8270D	
2-Nitrophenol	ND		230	210	ug/Kg	1	08/11/15	D/P	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND		230	130	ug/Kg	1	08/11/15	D/P	SW8270D	1
3,3'-Dichlorobenzidine	ND		660	160	ug/Kg	1	08/11/15	D/P	SW8270D	
3-Nitroaniline	ND		660	660	ug/Kg	1	08/11/15	D/P	SW8270D	
4,6-Dinitro-2-methylphenol	ND		1700	360	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Bromophenyl phenyl ether	ND		230	97	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloro-3-methylphenol	ND		230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chloroaniline	ND		260	150	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Chlorophenyl phenyl ether	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitroaniline	ND		660	110	ug/Kg	1	08/11/15	D/P	SW8270D	
4-Nitrophenol	ND		330	150	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthene	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Acenaphthylene	ND		230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Acetophenone	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Aniline	ND		260	260	ug/Kg	1	08/11/15	D/P	SW8270D	
Anthracene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benz(a)anthracene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzidine	ND		660	190	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(a)pyrene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(b)fluoranthene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(ghi)perylene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzo(k)fluoranthene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Benzoic acid	ND		1700	660	ug/Kg	1	08/11/15	D/P	SW8270D	1
Benzyl butyl phthalate	ND		230	85	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethoxy)methane	ND		230	91	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroethyl)ether	ND		230	89	ug/Kg	1	08/11/15	D/P	SW8270D	
Bis(2-chloroisopropyl)ether	ND		230	92	ug/Kg	1	08/11/15	D/P	SW8270D	1
Bis(2-ethylhexyl)phthalate	110	J	230	95	ug/Kg	1	08/11/15	D/P	SW8270D	
Carbazole	ND		1700	250	ug/Kg	1	08/11/15	D/P	SW8270D	
Chrysene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenz(a,h)anthracene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Dibenzofuran	ND		230	96	ug/Kg	1	08/11/15	D/P	SW8270D	
Diethyl phthalate	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Dimethylphthalate	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-butylphthalate	ND		230	88	ug/Kg	1	08/11/15	D/P	SW8270D	
Di-n-octylphthalate	ND		230	85	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluoranthene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Fluorene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobenzene	ND		230	96	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorobutadiene	ND		230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachlorocyclopentadiene	ND		230	100	ug/Kg	1	08/11/15	D/P	SW8270D	
Hexachloroethane	ND		230	99	ug/Kg	1	08/11/15	D/P	SW8270D	
Indeno(1,2,3-cd)pyrene	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	
Isophorone	ND		230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
Naphthalene	ND		230	95	ug/Kg	1	08/11/15	D/P	SW8270D	
Nitrobenzene	ND		230	120	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodimethylamine	ND		230	93	ug/Kg	1	08/11/15	D/P	SW8270D	
N-Nitrosodi-n-propylamine	ND		230	110	ug/Kg	1	08/11/15	D/P	SW8270D	

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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
N-Nitrosodiphenylamine	ND	230	130	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachloronitrobenzene	ND	230	120	ug/Kg	1	08/11/15	D/P	SW8270D
Pentachlorophenol	ND	230	120	ug/Kg	1	08/11/15	D/P	SW8270D
Phenanthrene	ND	230	95	ug/Kg	1	08/11/15	D/P	SW8270D
Phenol	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyrene	ND	230	110	ug/Kg	1	08/11/15	D/P	SW8270D
Pyridine	ND	230	81	ug/Kg	1	08/11/15	D/P	SW8270D
QA/QC Surrogates								
% 2,4,6-Tribromophenol	71			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	08/11/15	D/P	30 - 130 %
% 2-Fluorophenol	57			%	1	08/11/15	D/P	30 - 130 %
% Nitrobenzene-d5	62			%	1	08/11/15	D/P	30 - 130 %
% Phenol-d5	61			%	1	08/11/15	D/P	30 - 130 %
% Terphenyl-d14	74			%	1	08/11/15	D/P	30 - 130 %

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

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

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71538

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: TRIP BLANK LOW

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					08/04/15		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,1,1-Trichloroethane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,1,2-Trichloroethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,1-Dichloroethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,1-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,1-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2-Dibromoethane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2-Dichloroethane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,2-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
1,3-Dichloropropane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
2,2-Dichloropropane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
2-Chlorotoluene	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
2-Hexanone	ND	25	5.0	ug/Kg	1	08/11/15	JLI	SW8260C	
2-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	1
4-Chlorotoluene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: TRIP BLANK LOW

Phoenix I.D.: BJ71538

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	25	5.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Acetone	ND	50	5.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Acrylonitrile	ND	10	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Benzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Bromobenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Bromochloromethane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Bromodichloromethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Bromoform	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Bromomethane	ND	5.0	2.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Carbon Disulfide	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Carbon tetrachloride	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Chlorobenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Chloroethane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Chloroform	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Chloromethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Dibromochloromethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Dibromomethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Ethylbenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Hexachlorobutadiene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Isopropylbenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
m&p-Xylene	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Methyl Ethyl Ketone	ND	30	5.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	10	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Methylene chloride	ND	5.0	5.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Naphthalene	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
n-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
n-Propylbenzene	ND	5.0	0.90	ug/Kg	1	08/11/15	JLI	SW8260C	
o-Xylene	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
p-Isopropyltoluene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
sec-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Styrene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
tert-Butylbenzene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Tetrachloroethene	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	10	2.5	ug/Kg	1	08/11/15	JLI	SW8260C	1
Toluene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	10	2.5	ug/Kg	1	08/11/15	JLI	SW8260C	
Trichloroethene	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Trichlorofluoromethane	ND	5.0	1.0	ug/Kg	1	08/11/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
Vinyl chloride	ND	5.0	0.50	ug/Kg	1	08/11/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	100			%	1	08/11/15	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	1	08/11/15	JLI	70 - 130 %	
% Dibromofluoromethane	107			%	1	08/11/15	JLI	70 - 130 %	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: TRIP BLANK LOW

Phoenix I.D.: BJ71538

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102			%	1	08/11/15	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	100	40	ug/kg	1	08/11/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100			%	1	08/11/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	1	08/11/15	JLI	70 - 130 %
% Toluene-d8	102			%	1	08/11/15	JLI	70 - 130 %
Volatiles								
Acrolein	ND	20	2.5	ug/Kg	1	08/11/15	JLI	SW8260C
Tert-butyl alcohol	ND	100	20	ug/Kg	1	08/11/15	JLI	SW8260C

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
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

September 17, 2015

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:		08/04/15	
Location Code:	EBC	Received by:	LB	08/10/15	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBJ71524
Phoenix ID: BJ71539

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: TRIP BLANK HIGH

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed					08/04/15		SW5035A	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,1,1-Trichloroethane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,1,2-Trichloroethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,1-Dichloroethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,1-Dichloroethene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,1-Dichloropropene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2,3-Trichloropropane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2-Dibromoethane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2-Dichlorobenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2-Dichloroethane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,2-Dichloropropane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,3-Dichlorobenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
1,3-Dichloropropane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
1,4-Dichlorobenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
2,2-Dichloropropane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
2-Chlorotoluene	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
2-Hexanone	ND	1300	250	ug/Kg	50	08/11/15	JLI	SW8260C	
2-Isopropyltoluene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	1
4-Chlorotoluene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BJ71539

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	250	ug/Kg	50	08/11/15	JLI	SW8260C	
Acetone	ND	2500	250	ug/Kg	50	08/11/15	JLI	SW8260C	
Acrylonitrile	ND	500	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Benzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Bromobenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Bromochloromethane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Bromodichloromethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Bromoform	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Bromomethane	ND	250	100	ug/Kg	50	08/11/15	JLI	SW8260C	
Carbon Disulfide	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Carbon tetrachloride	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Chlorobenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Chloroethane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Chloroform	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Chloromethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Dibromochloromethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Dibromomethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Dichlorodifluoromethane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Ethylbenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Hexachlorobutadiene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Isopropylbenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
m&p-Xylene	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Methyl Ethyl Ketone	250	J 1500	250	ug/Kg	50	08/11/15	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	500	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Methylene chloride	ND	250	250	ug/Kg	50	08/11/15	JLI	SW8260C	
Naphthalene	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
n-Butylbenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
n-Propylbenzene	ND	250	45	ug/Kg	50	08/11/15	JLI	SW8260C	
o-Xylene	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
p-Isopropyltoluene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
sec-Butylbenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Styrene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
tert-Butylbenzene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Tetrachloroethene	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	500	130	ug/Kg	50	08/11/15	JLI	SW8260C	1
Toluene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	500	130	ug/Kg	50	08/11/15	JLI	SW8260C	
Trichloroethene	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Trichlorofluoromethane	ND	250	50	ug/Kg	50	08/11/15	JLI	SW8260C	
Trichlorotrifluoroethane	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
Vinyl chloride	ND	250	25	ug/Kg	50	08/11/15	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	50	08/11/15	JLI	70 - 130 %	
% Bromofluorobenzene	98			%	50	08/11/15	JLI	70 - 130 %	
% Dibromofluoromethane	110			%	50	08/11/15	JLI	70 - 130 %	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: TRIP BLANK HIGH

Phoenix I.D.: BJ71539

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	100			%	50	08/11/15	JLI	70 - 130 %
1,4-dioxane								
1,4-dioxane	ND	5000	2000	ug/kg	50	08/11/15	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99			%	50	08/11/15	JLI	70 - 130 %
% Bromofluorobenzene	98			%	50	08/11/15	JLI	70 - 130 %
% Toluene-d8	100			%	50	08/11/15	JLI	70 - 130 %
Volatiles								
Acrolein	ND	1000	130	ug/Kg	50	08/11/15	JLI	SW8260C
Tert-butyl alcohol	ND	5000	1000	ug/Kg	50	08/11/15	JLI	SW8260C

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit

Comments:

Trip blank included

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

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
September 17, 2015
Reviewed and Released by: Tina Covensky

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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

September 17, 2015

QA/QC Data

SDG I.D.: GBJ71524

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 316717 (mg/kg), QC Sample No: BJ71485 (BJ71524, BJ71525, BJ71526, BJ71527, BJ71528, BJ71529, BJ71530, BJ71531, BJ71532, BJ71533)														
Mercury - Soil	BRL	0.06	<0.03	<0.03	NC	93.0	88.2	5.3	105	99.8	5.1	75 - 125	30	
QA/QC Batch 316653 (mg/kg), QC Sample No: BJ71526 (BJ71524, BJ71525, BJ71526, BJ71527, BJ71528, BJ71529, BJ71530, BJ71531, BJ71532, BJ71533, BJ71534, BJ71535, BJ71536, BJ71537)														
ICP Metals - Soil														
Aluminum	BRL	5.0	9140	10100	10.0	105	107	1.9	NC	NC	NC	80 - 120	30	
Antimony	BRL	3.3	<1.6	<1.6	NC	107	108	0.9	78.0	83.4	6.7	70 - 130	30	
Arsenic	BRL	0.67	6.6	6.77	2.50	92.7	93.3	0.6	86.2	91.9	6.4	80 - 120	30	
Barium	BRL	0.33	113	109	3.60	101	104	2.9	87.7	103	16.0	80 - 120	30	
Beryllium	BRL	0.27	0.32	0.32	NC	96.1	97.9	1.9	91.7	96.8	5.4	80 - 120	30	
Cadmium	BRL	0.33	0.32	0.35	NC	94.7	94.0	0.7	88.1	93.5	5.9	80 - 120	30	
Calcium	BRL	5.0	2890	1600	57.5	102	101	1.0	NC	NC	NC	80 - 120	30	r
Chromium	BRL	0.33	15.6	15.1	3.30	100	100	0.0	90.9	98.1	7.6	80 - 120	30	
Cobalt	BRL	0.33	4.82	4.66	3.40	99.6	100	0.4	90.1	96.0	6.3	80 - 120	30	
Copper	BRL	0.33	33.6	32.1	4.60	98.9	101	2.1	97.0	106	8.9	80 - 120	30	
Iron	BRL	5.0	18000	20100	11.0	92.4	91.6	0.9	NC	NC	NC	80 - 120	30	
Lead	BRL	0.33	289	289	0	96.6	96.2	0.4	86.5	80.5	7.2	80 - 120	30	
Magnesium	BRL	5.0	2660	1810	38.0	105	105	0.0	NC	NC	NC	80 - 120	30	r
Manganese	BRL	0.33	226	260	14.0	102	101	1.0	79.0	98.7	22.2	80 - 120	30	
Nickel	BRL	0.33	12.6	11.5	9.10	101	101	0.0	89.6	96.1	7.0	80 - 120	30	
Potassium	BRL	5.0	1070	1070	0	101	106	4.8	>130	>130	NC	80 - 120	30	m
Selenium	BRL	1.3	<1.3	<1.3	NC	82.3	82.8	0.6	80.8	85.7	5.9	80 - 120	30	
Silver	BRL	0.33	<0.33	<0.32	NC	94.9	96.2	1.4	92.9	99.0	6.4	70 - 130	30	
Sodium	BRL	5.0	55	47.7	14.2	114	117	2.6	116	125	7.5	80 - 120	30	
Thallium	BRL	3.0	<1.3	<1.4	NC	95.7	93.9	1.9	89.9	95.4	5.9	80 - 120	30	
Vanadium	BRL	0.33	23.8	21.9	8.30	108	107	0.9	90.9	99.0	8.5	80 - 120	30	
Zinc	BRL	0.33	146	151	3.40	95.5	96.3	0.8	93.5	88.8	5.2	80 - 120	30	
QA/QC Batch 316719 (mg/kg), QC Sample No: BJ71534 (BJ71534, BJ71535, BJ71536, BJ71537)														
Mercury - Soil	BRL	0.06	0.19	0.16	17.1	97.0	92.4	4.9	54.6	61.2	11.4	75 - 125	30	m

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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QA/QC Report

September 17, 2015

QA/QC Data

SDG I.D.: GBJ71524

QA/QC Batch 316870 (ug/L), QC Sample No: BJ71526 (BJ71524, BJ71525, BJ71526 (1X, 50X) , BJ71527, BJ71528, BJ71529, BJ71530, BJ71531, BJ71532, BJ71533, BJ71534, BJ71535, BJ71536, BJ71537, BJ71538, BJ71539 (50X))

Volatiles

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1,2-Tetrachloroethane	ND	5.0	103	102	1.0	93	87	6.7	70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	120	124	3.3	108	103	4.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	5.0	103	105	1.9	88	84	4.7	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	113	112	0.9	104	100	3.9	70 - 130	30	
1,1-Dichloroethane	ND	5.0	123	126	2.4	115	105	9.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	101	107	5.8	90	82	9.3	70 - 130	30	
1,1-Dichloropropene	ND	5.0	111	113	1.8	104	99	4.9	70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	87	92	5.6	85	84	1.2	70 - 130	30	
1,2,3-Trichloropropane	ND	5.0	88	93	5.5	81	80	1.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	86	91	5.6	86	85	1.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	87	88	1.1	83	82	1.2	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	98	102	4.0	94	91	3.2	70 - 130	30	
1,2-Dibromoethane	ND	5.0	101	103	2.0	92	88	4.4	70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	92	92	0.0	85	83	2.4	70 - 130	30	
1,2-Dichloroethane	ND	0.60	101	102	1.0	92	89	3.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	112	113	0.9	105	99	5.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	92	92	0.0	85	82	3.6	70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	91	92	1.1	86	83	3.6	70 - 130	30	
1,3-Dichloropropane	ND	5.0	98	101	3.0	91	84	8.0	70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	88	89	1.1	84	81	3.6	70 - 130	30	
1,4-dioxane	ND	100	90	110	20.0	105	101	3.9	70 - 130	30	
2,2-Dichloropropane	ND	5.0	119	122	2.5	108	102	5.7	70 - 130	30	
2-Chlorotoluene	ND	5.0	95	95	0.0	88	85	3.5	70 - 130	30	
2-Hexanone	ND	5.0	71	78	9.4	75	69	8.3	70 - 130	30	m
2-Isopropyltoluene	ND	5.0	95	93	2.1	85	81	4.8	70 - 130	30	
4-Chlorotoluene	ND	5.0	92	92	0.0	86	84	2.4	70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	98	103	5.0	96	91	5.3	70 - 130	30	
Acetone	ND	10	55	62	12.0	52	53	1.9	70 - 130	30	l,m
Acrolein	ND	25	99	119	18.3	38	41	7.6	70 - 130	30	m
Acrylonitrile	ND	5.0	123	129	4.8	118	107	9.8	70 - 130	30	
Benzene	ND	0.70	119	119	0.0	107	103	3.8	70 - 130	30	
Bromobenzene	ND	5.0	93	94	1.1	86	82	4.8	70 - 130	30	
Bromochloromethane	ND	5.0	127	131	3.1	116	104	10.9	70 - 130	30	l
Bromodichloromethane	ND	5.0	119	115	3.4	98	92	6.3	70 - 130	30	
Bromoform	ND	5.0	106	110	3.7	89	85	4.6	70 - 130	30	
Bromomethane	ND	5.0	99	102	3.0	62	62	0.0	70 - 130	30	m
Carbon Disulfide	ND	5.0	103	109	5.7	85	78	8.6	70 - 130	30	
Carbon tetrachloride	ND	5.0	119	125	4.9	104	95	9.0	70 - 130	30	
Chlorobenzene	ND	1.0	99	99	0.0	93	86	7.8	70 - 130	30	
Chloroethane	ND	5.0	98	99	1.0	23	21	9.1	70 - 130	30	m

QA/QC Data

SDG I.D.: GBJ71524

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Chloroform	ND	5.0	116	120	3.4	107	100	6.8	70 - 130	30	
Chloromethane	ND	5.0	113	124	9.3	122	109	11.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	134	135	0.7	121	112	7.7	70 - 130	30	l
cis-1,3-Dichloropropene	ND	5.0	122	124	1.6	105	99	5.9	70 - 130	30	
Dibromochloromethane	ND	5.0	107	110	2.8	91	86	5.6	70 - 130	30	
Dibromomethane	ND	5.0	113	114	0.9	100	96	4.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	141	149	5.5	116	109	6.2	70 - 130	30	l
Ethylbenzene	ND	1.0	101	100	1.0	95	87	8.8	70 - 130	30	
Hexachlorobutadiene	ND	5.0	89	93	4.4	84	82	2.4	70 - 130	30	
Isopropylbenzene	ND	1.0	97	96	1.0	89	86	3.4	70 - 130	30	
m&p-Xylene	ND	1.0	96	97	1.0	92	86	6.7	70 - 130	30	
Methyl ethyl ketone	ND	5.0	94	104	10.1	100	91	9.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	123	128	4.0	110	104	5.6	70 - 130	30	
Methylene chloride	ND	5.0	88	91	3.4	82	75	8.9	70 - 130	30	
Naphthalene	ND	1.0	96	101	5.1	88	89	1.1	70 - 130	30	
n-Butylbenzene	ND	1.0	86	88	2.3	85	82	3.6	70 - 130	30	
n-Propylbenzene	ND	1.0	88	88	0.0	87	84	3.5	70 - 130	30	
o-Xylene	ND	1.0	101	100	1.0	93	89	4.4	70 - 130	30	
p-Isopropyltoluene	ND	1.0	91	92	1.1	86	82	4.8	70 - 130	30	
sec-Butylbenzene	ND	1.0	93	93	0.0	84	80	4.9	70 - 130	30	
Styrene	ND	1.0	99	97	2.0	95	90	5.4	70 - 130	30	
tert-butyl alcohol	ND	10	79	95	18.4	90	89	1.1	70 - 130	30	
tert-Butylbenzene	ND	1.0	94	95	1.1	85	83	2.4	70 - 130	30	
Tetrachloroethene	ND	1.0	118	118	0.0	110	105	4.7	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	113	123	8.5	113	104	8.3	70 - 130	30	
Toluene	ND	1.0	116	114	1.7	106	100	5.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	130	112	14.9	115	108	6.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	122	121	0.8	101	95	6.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	101	105	3.9	86	83	3.6	70 - 130	30	
Trichloroethene	ND	5.0	115	114	0.9	103	100	3.0	70 - 130	30	
Trichlorofluoromethane	ND	5.0	95	101	6.1	21	19	10.0	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	103	108	4.7	100	91	9.4	70 - 130	30	
Vinyl chloride	ND	5.0	113	115	1.8	107	99	7.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	98	%	101	98	3.0	101	103	2.0	70 - 130	30	
% Bromofluorobenzene	99	%	101	101	0.0	105	104	1.0	70 - 130	30	
% Dibromofluoromethane	111	%	108	112	3.6	113	104	8.3	70 - 130	30	
% Toluene-d8	103	%	104	103	1.0	103	104	1.0	70 - 130	30	

QA/QC Batch 316649 (ug/Kg), QC Sample No: BJ71527 2X (BJ71524, BJ71525, BJ71526, BJ71527, BJ71528, BJ71529, BJ71530, BJ71531, BJ71532, BJ71533, BJ71534, BJ71535, BJ71536, BJ71537)

Pesticides - Soil

4,4' -DDD	ND	1.7	86	85	1.2	84	89	5.8	30 - 150	30	
4,4' -DDE	ND	1.7	85	82	3.6	77	84	8.7	50 - 150	30	
4,4' -DDT	ND	1.7	81	77	5.1	75	79	5.2	30 - 150	50	
a-BHC	ND	3.3	77	73	5.3	63	76	18.7	30 - 150	30	
a-Chlordane	ND	3.3	78	75	3.9	70	73	4.2	30 - 150	30	
Aldrin	ND	1.0	77	74	4.0	64	76	17.1	30 - 150	43	
b-BHC	ND	3.3	76	75	1.3	69	76	9.7	30 - 150	30	
d-BHC	ND	3.3	54	53	1.9	48	55	13.6	30 - 150	30	
Dieldrin	ND	1.0	88	84	4.7	84	91	8.0	30 - 130	38	
Endosulfan I	ND	3.3	79	76	3.9	71	79	10.7	30 - 150	30	
Endosulfan II	ND	3.3	82	81	1.2	77	76	1.3	30 - 150	30	
Endosulfan sulfate	ND	3.3	63	67	6.2	65	71	8.8	50 - 120	30	

QA/QC Data

SDG I.D.: GBJ71524

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Endrin	ND	3.3	90	88	2.2	81	90	10.5	50 - 120	45	
Endrin aldehyde	ND	3.3	65	62	4.7	65	79	19.4	30 - 150	30	
Endrin ketone	ND	3.3	83	74	11.5	84	89	5.8	30 - 150	30	
g-BHC	ND	1.0	76	72	5.4	63	75	17.4	50 - 120	50	
g-Chlordane	ND	3.3	79	74	6.5	67	72	7.2	30 - 130	30	
Heptachlor	ND	3.3	79	76	3.9	68	80	16.2	30 - 150	31	
Heptachlor epoxide	ND	3.3	79	75	5.2	76	84	10.0	50 - 150	30	
Methoxychlor	ND	3.3	89	88	1.1	90	98	8.5	30 - 150	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	30 - 150	30	
% DCBP	100	%	95	91	4.3	85	89	4.6	30 - 150	30	
% TCMX	104	%	89	88	1.1	79	94	17.3	30 - 150	30	

QA/QC Batch 316648 (ug/Kg), QC Sample No: BJ71527 2X (BJ71524, BJ71525, BJ71526, BJ71527, BJ71528, BJ71529, BJ71530, BJ71531, BJ71532, BJ71533, BJ71534, BJ71535, BJ71536, BJ71537)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	67	71	5.8	73	92	23.0	30 - 120	15	r
PCB-1221	ND	33							30 - 150	30	
PCB-1232	ND	33							30 - 150	30	
PCB-1242	ND	33							30 - 150	30	
PCB-1248	ND	33							30 - 150	30	
PCB-1254	ND	33							30 - 150	30	
PCB-1260	ND	33	78	81	3.8	88	107	19.5	30 - 150	20	
PCB-1262	ND	33							30 - 150	30	
PCB-1268	ND	33							30 - 150	30	
% DCBP (Surrogate Rec)	97	%	95	94	1.1	104	126	19.1	30 - 150	20	
% TCMX (Surrogate Rec)	84	%	82	82	0.0	81	103	23.9	30 - 150	20	r

QA/QC Batch 316644 (ug/Kg), QC Sample No: BJ71527 (BJ71524, BJ71525, BJ71526, BJ71527, BJ71528, BJ71529, BJ71530, BJ71531, BJ71532, BJ71533, BJ71534, BJ71535, BJ71536, BJ71537)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	230	68	73	7.1	53			30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	64	70	9.0	49			30 - 130	30	
1,2-Dichlorobenzene	ND	180	60	64	6.5	43			30 - 130	30	
1,2-Diphenylhydrazine	ND	230	77	80	3.8	61			30 - 130	30	
1,3-Dichlorobenzene	ND	230	58	63	8.3	39			30 - 130	30	
1,4-Dichlorobenzene	ND	230	60	66	9.5	42			30 - 130	30	
2,4,5-Trichlorophenol	ND	230	77	81	5.1	58			30 - 130	30	
2,4,6-Trichlorophenol	ND	130	75	80	6.5	57			30 - 130	30	
2,4-Dichlorophenol	ND	130	69	76	9.7	52			30 - 130	30	
2,4-Dimethylphenol	ND	230	66	72	8.7	48			30 - 130	30	
2,4-Dinitrophenol	ND	230	<10	<10	NC	46			30 - 130	30	l
2,4-Dinitrotoluene	ND	130	77	79	2.6	60			30 - 130	30	
2,6-Dinitrotoluene	ND	130	76	79	3.9	58			30 - 130	30	
2-Chloronaphthalene	ND	230	72	77	6.7	57			30 - 130	30	
2-Chlorophenol	ND	230	68	75	9.8	53			30 - 130	30	
2-Methylnaphthalene	ND	230	69	76	9.7	56			30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	68	73	7.1	50			30 - 130	30	
2-Nitroaniline	ND	330	76	78	2.6	62			30 - 130	30	
2-Nitrophenol	ND	230	69	73	5.6	53			30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	72	77	6.7	52			30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	64	68	6.1	51			30 - 130	30	
3-Nitroaniline	ND	330	72	72	0.0	55			30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	20	22	9.5	61			30 - 130	30	l
4-Bromophenyl phenyl ether	ND	230	76	79	3.9	57			30 - 130	30	

QA/QC Data

SDG I.D.: GBJ71524

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	230	74	76	2.7	57			30 - 130	30	
4-Chloroaniline	ND	230	69	73	5.6	53			30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	76	79	3.9	59			30 - 130	30	
4-Nitroaniline	ND	230	76	80	5.1	58			30 - 130	30	
4-Nitrophenol	ND	230	74	76	2.7	57			30 - 130	30	
Acenaphthene	ND	230	70	76	8.2	55			30 - 130	30	
Acenaphthylene	ND	130	70	75	6.9	55			30 - 130	30	
Acetophenone	ND	230	70	76	8.2	55			30 - 130	30	
Aniline	ND	330	61	68	10.9	50			30 - 130	30	
Anthracene	ND	230	78	79	1.3	60			30 - 130	30	
Benz(a)anthracene	ND	230	78	80	2.5	61			30 - 130	30	
Benzidine	ND	330	21	24	13.3	15			30 - 130	30	l,m
Benzo(a)pyrene	ND	130	77	80	3.8	60			30 - 130	30	
Benzo(b)fluoranthene	ND	160	79	79	0.0	59			30 - 130	30	
Benzo(ghi)perylene	ND	230	96	100	4.1	73			30 - 130	30	
Benzo(k)fluoranthene	ND	230	76	81	6.4	60			30 - 130	30	
Benzoic Acid	ND	330	<10	<10	NC	15			30 - 130	30	l,m
Benzyl butyl phthalate	ND	230	76	80	5.1	60			30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	67	74	9.9	53			30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	58	64	9.8	43			30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	61	66	7.9	46			30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	77	81	5.1	52			30 - 130	30	
Carbazole	ND	330	76	76	0.0	58			30 - 130	30	
Chrysene	ND	230	81	86	6.0	65			30 - 130	30	
Dibenz(a,h)anthracene	ND	130	92	94	2.2	70			30 - 130	30	
Dibenzofuran	ND	230	73	77	5.3	57			30 - 130	30	
Diethyl phthalate	ND	230	78	79	1.3	59			30 - 130	30	
Dimethylphthalate	ND	230	75	79	5.2	55			30 - 130	30	
Di-n-butylphthalate	ND	230	77	80	3.8	59			30 - 130	30	
Di-n-octylphthalate	ND	230	78	81	3.8	60			30 - 130	30	
Fluoranthene	ND	230	78	79	1.3	60			30 - 130	30	
Fluorene	ND	230	76	80	5.1	58			30 - 130	30	
Hexachlorobenzene	ND	130	76	80	5.1	56			30 - 130	30	
Hexachlorobutadiene	ND	230	66	70	5.9	46			30 - 130	30	
Hexachlorocyclopentadiene	ND	230	66	72	8.7	48			30 - 130	30	
Hexachloroethane	ND	130	56	63	11.8	37			30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	87	90	3.4	67			30 - 130	30	
Isophorone	ND	130	64	70	9.0	50			30 - 130	30	
Naphthalene	ND	230	66	72	8.7	53			30 - 130	30	
Nitrobenzene	ND	130	65	72	10.2	52			30 - 130	30	
N-Nitrosodimethylamine	ND	230	54	64	16.9	46			30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	67	75	11.3	54			30 - 130	30	
N-Nitrosodiphenylamine	ND	130	75	78	3.9	58			30 - 130	30	
Pentachloronitrobenzene	ND	230	74	79	6.5	58			30 - 130	30	
Pentachlorophenol	ND	230	64	67	4.6	55			30 - 130	30	
Phenanthrene	ND	130	77	79	2.6	59			30 - 130	30	
Phenol	ND	230	69	75	8.3	53			30 - 130	30	
Pyrene	ND	230	78	80	2.5	60			30 - 130	30	
Pyridine	ND	230	42	45	6.9	33			30 - 130	30	
% 2,4,6-Tribromophenol	66	%	75	75	0.0	53			30 - 130	30	
% 2-Fluorobiphenyl	67	%	69	73	5.6	52			30 - 130	30	
% 2-Fluorophenol	60	%	61	68	10.9	47			30 - 130	30	
% Nitrobenzene-d5	62	%	62	69	10.7	49			30 - 130	30	

QA/QC Data

SDG I.D.: GBJ71524

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Phenol-d5	64	%	65	71	8.8	50			30 - 130	30
% Terphenyl-d14	75	%	74	76	2.7	57			30 - 130	30

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

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

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

Phyllis Shiller, Laboratory Director
September 17, 2015

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71524	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1200	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1400	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	820	250	500	500	ug/Kg
BJ71524	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1400	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	820	250	500	500	ug/Kg
BJ71524	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	820	250	500	500	ug/Kg
BJ71524	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	250	800	800	ug/Kg
BJ71524	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	1000	1000	ug/Kg
BJ71524	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	1400	250	400	330	ug/Kg
BJ71524	$8270SMRDP	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	170	250	14	330	ug/Kg
BJ71524	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1200	250	224	330	ug/Kg
BJ71524	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	400	250	61	330	ug/Kg
BJ71524	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	25	2.2	3.3	3.3	ug/Kg
BJ71524	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	14	3.6	5	5	ug/Kg
BJ71524	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	19	7.2	14	14	ug/Kg
BJ71524	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	110	11	3.3	3.3	ug/Kg
BJ71524	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.46	0.27	0.16	0.05	mg/Kg
BJ71524	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	17.5	0.34	10	0.1	mg/Kg
BJ71524	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	36.0	0.34	25	0.25	mg/kg
BJ71524	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	21700	34	2000	1	mg/Kg
BJ71524	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.27	0.03	0.18	0.18	mg/Kg
BJ71524	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	0.27	0.03	0.1	0.002	mg/Kg
BJ71524	NI-SM	Nickel	NY / 375-6.8 Metals / Unrestricted Use Soil	40.6	0.34	30	30	mg/Kg
BJ71524	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	40.6	0.34	13	0.4	mg/Kg
BJ71524	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	255	6.8	63	63	mg/Kg
BJ71524	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	237	6.8	109	109	mg/Kg
BJ71524	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	237	6.8	20	0.2	mg/Kg
BJ71525	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	580	250	61	330	ug/Kg
BJ71525	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	22000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	22000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	22000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	22000	2500	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71525	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	22000	2500	224	330	ug/Kg
BJ71525	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	24000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	24000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	24000	2500	3900	3900	ug/Kg
BJ71525	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	24000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	24000	2500	400	330	ug/Kg
BJ71525	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	17000	2500	1700	1700	ug/Kg
BJ71525	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	17000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	17000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	17000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	17000	2500	1100	330	ug/Kg
BJ71525	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	16000	2500	1700	1700	ug/Kg
BJ71525	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	16000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	16000	2500	3900	3900	ug/Kg
BJ71525	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	16000	2500	800	800	ug/Kg
BJ71525	$8270SMRDP	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	16000	2500	1100	330	ug/Kg
BJ71525	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	19000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	19000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	19000	2500	1000	1000	ug/Kg
BJ71525	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Ground Water Protection	14000	2500	8200	8200	ug/Kg
BJ71525	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	14000	2500	500	500	ug/Kg
BJ71525	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	14000	2500	500	500	ug/Kg
BJ71525	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	14000	2500	500	500	ug/Kg
BJ71525	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Soil Standards	14000	2500	3200	330	ug/Kg
BJ71525	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	4200	250	330	330	ug/Kg
BJ71525	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	4200	250	330	330	ug/Kg
BJ71525	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4200	250	330	330	ug/Kg
BJ71525	$8270SMRDP	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	4200	250	14	330	ug/Kg
BJ71525	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	360	20	20	ug/Kg
BJ71525	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND	360	97	97	ug/Kg
BJ71525	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	20	20	ug/Kg
BJ71525	$PESTSMDPR	a-BHC	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	360	110	8	ug/Kg
BJ71525	$PESTSMDPR	g-BHC	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	72	60	8	ug/Kg
BJ71525	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	360	90	90	ug/Kg
BJ71525	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Residential	ND	360	72	72	ug/Kg
BJ71525	$PESTSMDPR	b-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	36	36	ug/Kg
BJ71525	$PESTSMDPR	b-BHC	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	360	200	8	ug/Kg
BJ71525	$PESTSMDPR	Heptachlor	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	42	42	ug/Kg
BJ71525	$PESTSMDPR	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	360	100	8	ug/Kg
BJ71525	$PESTSMDPR	d-BHC	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	360	250	250	ug/Kg
BJ71525	$PESTSMDPR	d-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	40	40	ug/Kg
BJ71525	$PESTSMDPR	d-BHC	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	360	300	8	ug/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71525	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND	180	19	19	ug/Kg
BJ71525	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential Restricted	ND	180	97	97	ug/Kg
BJ71525	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	5	5	ug/Kg
BJ71525	$PESTSMDPR	Aldrin	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	180	41	8	ug/Kg
BJ71525	$PESTSMDPR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	360	20	8	ug/Kg
BJ71525	$PESTSMDPR	a-Chlordane	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	94	94	ug/Kg
BJ71525	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	110	3.3	3.3	ug/Kg
BJ71525	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	180	100	100	ug/Kg
BJ71525	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND	180	39	39	ug/Kg
BJ71525	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	5	5	ug/Kg
BJ71525	$PESTSMDPR	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	180	44	16	ug/Kg
BJ71525	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	360	60	60	ug/Kg
BJ71525	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	14	14	ug/Kg
BJ71525	$PESTSMDPR	Endrin	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	360	100	8	ug/Kg
BJ71525	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	110	3.3	3.3	ug/Kg
BJ71525	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	110	3.3	3.3	ug/Kg
BJ71525	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.41	0.27	0.16	0.05	mg/Kg
BJ71525	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	15.3	0.33	10	0.1	mg/Kg
BJ71525	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	14700	33	2000	1	mg/Kg
BJ71525	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	0.14	0.03	0.1	0.002	mg/Kg
BJ71525	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	15.9	0.33	13	0.4	mg/Kg
BJ71525	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	277	6.6	63	63	mg/Kg
BJ71525	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	181	6.6	109	109	mg/Kg
BJ71525	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	181	6.6	20	0.2	mg/Kg
BJ71526	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	5700	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	5700	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	5700	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5700	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	5700	240	224	330	ug/Kg
BJ71526	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	6800	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	6800	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	6800	240	3900	3900	ug/Kg
BJ71526	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6800	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	6800	240	400	330	ug/Kg
BJ71526	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	5100	240	1700	1700	ug/Kg
BJ71526	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	5100	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	5100	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5100	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	5100	240	1100	330	ug/Kg
BJ71526	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Ground Water Protection	4400	240	1700	1700	ug/Kg
BJ71526	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4400	240	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71526	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4400	240	3900	3900	ug/Kg
BJ71526	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4400	240	800	800	ug/Kg
BJ71526	$8270SMRDP	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	4400	240	1100	330	ug/Kg
BJ71526	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	5600	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	5600	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	5600	240	1000	1000	ug/Kg
BJ71526	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	4000	240	500	500	ug/Kg
BJ71526	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	4000	240	500	500	ug/Kg
BJ71526	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4000	240	500	500	ug/Kg
BJ71526	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Soil Standards	4000	240	3200	330	ug/Kg
BJ71526	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	1200	240	330	330	ug/Kg
BJ71526	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	240	330	330	ug/Kg
BJ71526	$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	240	330	330	ug/Kg
BJ71526	$8270SMRDP	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1200	240	14	330	ug/Kg
BJ71526	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	34	20	20	ug/Kg
BJ71526	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	34	20	20	ug/Kg
BJ71526	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	10	5	5	ug/Kg
BJ71526	$PESTSMDPR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	34	20	8	ug/Kg
BJ71526	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	ug/Kg
BJ71526	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	10	5	5	ug/Kg
BJ71526	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	60	14	14	ug/Kg
BJ71526	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	25	3.3	3.3	ug/Kg
BJ71526	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	ug/Kg
BJ71526	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.32	0.26	0.16	0.05	mg/Kg
BJ71526	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	15.6	0.33	10	0.1	mg/Kg
BJ71526	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	33.6	0.33	25	0.25	mg/kg
BJ71526	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	18000	33	2000	1	mg/Kg
BJ71526	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.58	0.02	0.18	0.18	mg/Kg
BJ71526	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	0.58	0.02	0.1	0.002	mg/Kg
BJ71526	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	289	6.6	63	63	mg/Kg
BJ71526	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	146	6.6	109	109	mg/Kg
BJ71526	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	146	6.6	20	0.2	mg/Kg
BJ71527	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	280	270	61	330	ug/Kg
BJ71527	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.59	0.28	0.16	0.05	mg/Kg
BJ71527	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	37.3	0.35	30		mg/Kg
BJ71527	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	37.3	0.35	10	0.1	mg/Kg
BJ71527	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	30500	35	2000	1	mg/Kg
BJ71527	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	18.6	0.35	13	0.4	mg/Kg
BJ71527	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	71.4	0.7	20	0.2	mg/Kg
BJ71528	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1700	250	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71528	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1400	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1600	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1400	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1400	250	500	500	ug/Kg
BJ71528	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1700	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1400	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	250	500	500	ug/Kg
BJ71528	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1600	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	250	800	800	ug/Kg
BJ71528	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	250	500	500	ug/Kg
BJ71528	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	250	1000	1000	ug/Kg
BJ71528	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1400	250	224	330	ug/Kg
BJ71528	$8270SMRDP	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	1400	250	1100	330	ug/Kg
BJ71528	$8270SMRDP	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	1300	250	1100	330	ug/Kg
BJ71528	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	400	250	61	330	ug/Kg
BJ71528	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	1700	250	400	330	ug/Kg
BJ71528	$8270SMRDP	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	320	250	14	330	ug/Kg
BJ71528	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	9.5	2.1	3.3	3.3	ug/Kg
BJ71528	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	55	2.1	3.3	3.3	ug/Kg
BJ71528	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential	524	0.7	350	350	mg/Kg
BJ71528	BA-SMDP	Barium	NY / 375-6.8 Metals / Residential Restricted	524	0.7	400	400	mg/Kg
BJ71528	BA-SMDP	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	524	0.7	350	350	mg/Kg
BJ71528	BA-SMDP	Barium	NY / TAGM - Heavy Metals / Soil Standards	524	0.7	300	2	mg/Kg
BJ71528	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.40	0.27	0.16	0.05	mg/Kg
BJ71528	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	19.4	0.34	10	0.1	mg/Kg
BJ71528	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	14900	34	2000	1	mg/Kg
BJ71528	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.53	0.03	0.18	0.18	mg/Kg
BJ71528	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	0.53	0.03	0.1	0.002	mg/Kg
BJ71528	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	203	6.7	63	63	mg/Kg
BJ71528	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	307	6.7	109	109	mg/Kg
BJ71528	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	307	6.7	20	0.2	mg/Kg
BJ71529	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	360	240	61	330	ug/Kg
BJ71529	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.60	0.27	0.16	0.05	mg/Kg
BJ71529	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	28.6	0.33	10	0.1	mg/Kg
BJ71529	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	24300	33	2000	1	mg/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71529	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	28.3	0.33	13	0.4	mg/Kg
BJ71529	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	42.0	0.7	20	0.2	mg/Kg
BJ71530	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1300	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1500	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	920	250	500	500	ug/Kg
BJ71530	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1500	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	920	250	500	500	ug/Kg
BJ71530	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1300	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	920	250	500	500	ug/Kg
BJ71530	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	800	800	ug/Kg
BJ71530	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	250	1000	1000	ug/Kg
BJ71530	$8270SMRDP	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Soil Standards	1200	250	1100	330	ug/Kg
BJ71530	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	1500	250	400	330	ug/Kg
BJ71530	$8270SMRDP	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	220	250	14	330	ug/Kg
BJ71530	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1300	250	224	330	ug/Kg
BJ71530	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	170	250	61	330	ug/Kg
BJ71530	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	36	20	20	ug/Kg
BJ71530	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	36	20	20	ug/Kg
BJ71530	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	5	5	ug/Kg
BJ71530	$PESTSMDPR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	36	20	8	ug/Kg
BJ71530	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	16	11	3.3	3.3	ug/Kg
BJ71530	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	5	5	ug/Kg
BJ71530	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	36	14	14	ug/Kg
BJ71530	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	31	11	3.3	3.3	ug/Kg
BJ71530	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	55	11	3.3	3.3	ug/Kg
BJ71530	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.41	0.27	0.16	0.05	mg/Kg
BJ71530	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	21.4	0.34	10	0.1	mg/Kg
BJ71530	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	18700	34	2000	1	mg/Kg
BJ71530	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	0.15	0.03	0.1	0.002	mg/Kg
BJ71530	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	13.4	0.34	13	0.4	mg/Kg
BJ71530	PB-SMDP	Lead	NY / 375-6.8 Metals / Ground Water Protection	675	6.9	450	450	mg/Kg
BJ71530	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	675	6.9	400	400	mg/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71530	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	675	6.9	400	400	mg/Kg
BJ71530	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	675	6.9	63	63	mg/Kg
BJ71530	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	200	6.9	109	109	mg/Kg
BJ71530	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	200	6.9	20	0.2	mg/Kg
BJ71531	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	480	240	61	330	ug/Kg
BJ71531	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.27	0.27	0.16	0.05	mg/Kg
BJ71531	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	15.2	0.33	10	0.1	mg/Kg
BJ71531	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	31.7	0.33	25	0.25	mg/kg
BJ71531	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	13100	33	2000	1	mg/Kg
BJ71531	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	14.6	0.33	13	0.4	mg/Kg
BJ71531	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	27.9	0.7	20	0.2	mg/Kg
BJ71532	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1400	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Ground Water Protection	1500	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1400	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	800	250	500	500	ug/Kg
BJ71532	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1500	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	800	250	500	500	ug/Kg
BJ71532	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	1400	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1000	250	800	800	ug/Kg
BJ71532	$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	1000	1000	ug/Kg
BJ71532	$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	800	250	500	500	ug/Kg
BJ71532	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	240	250	61	330	ug/Kg
BJ71532	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	1500	250	400	330	ug/Kg
BJ71532	$8270SMRDP	Dibenz(a,h)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	170	250	14	330	ug/Kg
BJ71532	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	1400	250	224	330	ug/Kg
BJ71532	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Ground Water Protection	ND	36	20	20	ug/Kg
BJ71532	$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	36	20	20	ug/Kg
BJ71532	$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	11	5	5	ug/Kg
BJ71532	$PESTSMDPR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Soil Standards	ND	36	20	8	ug/Kg
BJ71532	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	22	3.3	3.3	ug/Kg
BJ71532	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	11	5	5	ug/Kg
BJ71532	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	36	14	14	ug/Kg
BJ71532	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	35	3.3	3.3	ug/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71532	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	22	3.3	3.3	ug/Kg
BJ71532	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.41	0.28	0.16	0.05	mg/Kg
BJ71532	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	21.1	0.35	10	0.1	mg/Kg
BJ71532	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	25.4	0.35	25	0.25	mg/kg
BJ71532	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	16600	35	2000	1	mg/Kg
BJ71532	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	0.16	0.03	0.1	0.002	mg/Kg
BJ71532	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	13.3	0.35	13	0.4	mg/Kg
BJ71532	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential	409	7.0	400	400	mg/Kg
BJ71532	PB-SMDP	Lead	NY / 375-6.8 Metals / Residential Restricted	409	7.0	400	400	mg/Kg
BJ71532	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	409	7.0	63	63	mg/Kg
BJ71532	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	189	7.0	109	109	mg/Kg
BJ71532	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	189	7.0	20	0.2	mg/Kg
BJ71533	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	100	230	61	330	ug/Kg
BJ71533	AS-SM	Arsenic	NY / TAGM - Heavy Metals / Soil Standards	12.1	0.6	7.5	0.1	mg/Kg
BJ71533	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.57	0.24	0.16	0.05	mg/Kg
BJ71533	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	13.5	0.30	10	0.1	mg/Kg
BJ71533	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	49.6	0.30	25	0.25	mg/kg
BJ71533	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	23100	30	2000	1	mg/Kg
BJ71533	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	15.0	0.30	13	0.4	mg/Kg
BJ71533	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	50.3	0.6	20	0.2	mg/Kg
BJ71534	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	700	250	224	330	ug/Kg
BJ71534	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	140	250	61	330	ug/Kg
BJ71534	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	780	250	400	330	ug/Kg
BJ71534	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	12	2.2	3.3	3.3	ug/Kg
BJ71534	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	18	3.6	5	5	ug/Kg
BJ71534	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	38	2.2	3.3	3.3	ug/Kg
BJ71534	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	29	2.2	3.3	3.3	ug/Kg
BJ71534	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.42	0.26	0.16	0.05	mg/Kg
BJ71534	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	20.6	0.33	10	0.1	mg/Kg
BJ71534	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	25.9	0.33	25	0.25	mg/kg
BJ71534	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	20900	33	2000	1	mg/Kg
BJ71534	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.19	0.03	0.18	0.18	mg/Kg
BJ71534	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	0.19	0.03	0.1	0.002	mg/Kg
BJ71534	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	14.1	0.33	13	0.4	mg/Kg
BJ71534	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	377	6.5	63	63	mg/Kg
BJ71534	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	180	6.5	109	109	mg/Kg
BJ71534	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	180	6.5	20	0.2	mg/Kg
BJ71535	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	270	240	224	330	ug/Kg
BJ71535	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	180	240	61	330	ug/Kg
BJ71535	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	4.2	2.1	3.3	3.3	ug/Kg

Sample Criteria Exceedences Report

GBJ71524 - EBC

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

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BJ71535	$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	6.6	3.4	5	5	ug/Kg
BJ71535	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	23	2.1	3.3	3.3	ug/Kg
BJ71535	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.44	0.27	0.16	0.05	mg/Kg
BJ71535	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	27.2	0.34	10	0.1	mg/Kg
BJ71535	CU-SM	Copper	NY / TAGM - Heavy Metals / Soil Standards	45.0	0.34	25	0.25	mg/kg
BJ71535	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	24600	34	2000	1	mg/Kg
BJ71535	HG-SM	Mercury	NY / 375-6.8 Metals / Ground Water Protection	2.81	0.25	0.73	0.73	mg/Kg
BJ71535	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.81	0.25	0.81	0.81	mg/Kg
BJ71535	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	2.81	0.25	0.81	0.81	mg/Kg
BJ71535	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.81	0.25	0.18	0.18	mg/Kg
BJ71535	HG-SM	Mercury	NY / TAGM - Heavy Metals / Soil Standards	2.81	0.25	0.1	0.002	mg/Kg
BJ71535	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	25.1	0.34	13	0.4	mg/Kg
BJ71535	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	354	6.8	63	63	mg/Kg
BJ71535	ZN-SMDP	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	383	6.8	109	109	mg/Kg
BJ71535	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	383	6.8	20	0.2	mg/Kg
BJ71536	$8270SMRDP	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Soil Standards	460	260	224	330	ug/Kg
BJ71536	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	160	260	61	330	ug/Kg
BJ71536	$8270SMRDP	Chrysene	NY / TAGM - Semi-Volatiles / Soil Standards	570	260	400	330	ug/Kg
BJ71536	$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	11	3.3	3.3	ug/Kg
BJ71536	$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	18	14	14	ug/Kg
BJ71536	$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	11	3.3	3.3	ug/Kg
BJ71536	$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	11	3.3	3.3	ug/Kg
BJ71536	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.38	0.28	0.16	0.05	mg/Kg
BJ71536	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	25.2	0.35	10	0.1	mg/Kg
BJ71536	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	13600	35	2000	1	mg/Kg
BJ71536	NI-SM	Nickel	NY / TAGM - Heavy Metals / Soil Standards	14.5	0.35	13	0.4	mg/Kg
BJ71536	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	134	0.7	63	63	mg/Kg
BJ71536	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	91.3	0.7	20	0.2	mg/Kg
BJ71537	$8270SMRDP	Bis(2-ethylhexyl)phthalate	NY / TAGM - Semi-Volatiles / Soil Standards	110	230	61	330	ug/Kg
BJ71537	BE-SM	Beryllium	NY / TAGM - Heavy Metals / Soil Standards	0.23	0.24	0.16	0.05	mg/Kg
BJ71537	CR-SM	Chromium	NY / TAGM - Heavy Metals / Soil Standards	12.1	0.30	10	0.1	mg/Kg
BJ71537	FE-SMDP	Iron	NY / TAGM - Heavy Metals / Soil Standards	11600	30	2000	1	mg/Kg
BJ71537	ZN-SMDP	Zinc	NY / TAGM - Heavy Metals / Soil Standards	24.1	0.6	20	0.2	mg/Kg

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

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

NY Temperature Narration

September 17, 2015

SDG I.D.: GBJ71524

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

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

PHOENIX Environmental Laboratories, Inc.

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 1 of 2

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:
[X] Email: File

Customer: EBC
Address: Ridge, NY

Project: 1019 Fulton Street, Brooklyn NY
Report to: EBC
Invoice to: EBC
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Reuben Leinton Date: 8/10/15

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC's	SVOC's	Pesticides/PCBs	TAL Metals	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
71524	B1 0-2'	S	8/10/15	8:00	X	X	X	X	3	1								
71525	B1 11-13'			8:30	X	X	X	X	3	1								
71526	B2 0-2'			8:45	X	X	X	X	3	1								
71527	B2 11-13'			9:00	X	X	X	X	3	1								
71528	B3 0-2'			9:30	X	X	X	X	3	1								
71529	B3 12-14'			9:45	X	X	X	X	3	1								
71530	B4 0-2'			10:00	X	X	X	X	3	1								
71531	B4 12-14'			10:15	X	X	X	X	3	1								
71532	B5 0-2'			10:30	X	X	X	X	3	1								
71533	B5 11-13'	✓	✓	10:45	X	X	X	X	3	1								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8-10-15	12:40
[signature]	CParadine	8/10/15	1521

Comments, Special Requirements or Regulations:

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

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

NY
[ ] TAGM 4046 GW
[X] TAGM 4046 SOIL
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] Restricted/Residential
[ ] Commercial
[ ] Industrial

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

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

State where samples were collected: NY

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

Temp 4 °C Pg 2 of 2

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:
[X] Email: File

Customer: EBC
Address: Ridge, NY

Project: 1219 Fulton Street, Brooklyn NY
Report to: EBC
Invoice to: EBC
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: Reuben Levinton Date: 8/4/15

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

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs	SVOCs	Pesticides/PCBs	TAL Metals	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
71534	B6 0-2'	S	8/4/15	11:00	X	X	X	X	3	1								
71535	B6 12-14'			11:15	X	X	X	X	3	1								
71536	B7 0-2'			11:30	X	X	X	X	3	1								
71537	B7 12-14'			12:00	X	X	X	X	3	1								
71538	Trip Blank Low				X				2									
71539	Trip Blank High				X				1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8-10-15	12:00
[signature]	[signature]	8-10-15	1521

Comments, Special Requirements or Regulations:

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

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

NY
[ ] TAGM 4046 GW
[X] TAGM 4046 SOIL
[X] NY375 Unrestricted Use Soil
[X] NY375 Residential Soil
[X] Restricted/Residential
[ ] Commercial
[ ] Industrial

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

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

State where samples were collected: NY

PHOENIX
Environmental Laboratories, Inc.

Thursday, September 24, 2015

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

Project ID: 1019 FULTON ST., BROOKLYN
Sample ID#s: BJ70838 - BJ70842

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

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

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

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

Sincerely yours,

Phyllis Shiller
Laboratory Director

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

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

September 24, 2015

SDG I.D.: GBJ70838

Version 1: Analysis results minus QC and forms.

Version 2: Complete report with QC and forms.

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY ANALYTICAL SERVICES PROTOCOL DATA PACKAGE

Client: Environmental Business Consultants

Project: 1019 FULTON ST., BROOKLYN

Laboratory Project: GBJ70838

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

September 24, 2015 **SDG I.D.: GBJ70838**

Environmental Business Consultants 1019 FULTON ST., BROOKLYN

Methodology Summary

Volatiles in Air

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air: Method TO-15, Second Edition, U. S. Environmental Protection Agency, January 1999.

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SG4	BJ70838	AIR
SG5	BJ70839	AIR
SG1	BJ70840	AIR
SG3	BJ70841	AIR
SG2	BJ70842	AIR

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

September 24, 2015

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:	GS	08/05/15	13:18
Location Code:	EBC	Received by:	LB	08/07/15	16:27
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	489				

Laboratory Data

SDG ID: GBJ70838
Phoenix ID: BJ70838

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG4

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	1
1,1,1-Trichloroethane	0.360		*0.183*	0.183	1.96	*1.00*	1.00	08/12/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trimethylbenzene	1.21		*0.204*	0.204	5.94	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3,5-Trimethylbenzene	0.334		*0.204*	0.204	1.64	*1.00*	1.00	08/12/15	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Dichlorobenzene	0.530		*0.166*	0.166	3.18	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	08/12/15	KCA	1	
2-Hexanone(MBK)	22.0		*0.244*	0.244	90.1	*1.00*	1.00	08/12/15	KCA	1	1
4-Ethyltoluene	0.211		*0.204*	0.204	1.04	*1.00*	1.00	08/12/15	KCA	1	1
4-Isopropyltoluene	0.329		*0.182*	0.182	1.80	*1.00*	1.00	08/12/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.878		*0.244*	0.244	3.59	*1.00*	1.00	08/12/15	KCA	1	
Acetone	829	DS	*21.1*	21.1	1970	*50.1*	50.1	08/12/15	KCA	50	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	08/12/15	KCA	1	
Benzene	9.19		*0.313*	0.313	29.3	*1.00*	1.00	08/12/15	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG4

Phoenix I.D.: BJ70838

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		0.149	0.149	ND	1.00	1.00	08/12/15	KCA	1	
Bromoform	ND		0.097	0.097	ND	1.00	1.00	08/12/15	KCA	1	
Bromomethane	ND		0.258	0.258	ND	1.00	1.00	08/12/15	KCA	1	
Carbon Disulfide	1.32		0.321	0.321	4.11	1.00	1.00	08/12/15	KCA	1	
Carbon Tetrachloride	ND		0.040	0.040	ND	0.25	0.25	08/12/15	KCA	1	
Chlorobenzene	ND		0.217	0.217	ND	1.00	1.00	08/12/15	KCA	1	
Chloroethane	ND		0.379	0.379	ND	1.00	1.00	08/12/15	KCA	1	
Chloroform	0.289		0.205	0.205	1.41	1.00	1.00	08/12/15	KCA	1	
Chloromethane	ND		0.485	0.485	ND	1.00	1.00	08/12/15	KCA	1	
Cis-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
cis-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Cyclohexane	0.817		0.291	0.291	2.81	1.00	1.00	08/12/15	KCA	1	
Dibromochloromethane	ND		0.118	0.118	ND	1.00	1.00	08/12/15	KCA	1	
Dichlorodifluoromethane	0.510		0.202	0.202	2.52	1.00	1.00	08/12/15	KCA	1	
Ethanol	36.8	S	0.531	0.531	69.3	1.00	1.00	08/12/15	KCA	1	1
Ethyl acetate	4.30		0.278	0.278	15.5	1.00	1.00	08/12/15	KCA	1	1
Ethylbenzene	1.07		0.230	0.230	4.64	1.00	1.00	08/12/15	KCA	1	
Heptane	4.16		0.244	0.244	17.0	1.00	1.00	08/12/15	KCA	1	
Hexachlorobutadiene	ND		0.094	0.094	ND	1.00	1.00	08/12/15	KCA	1	
Hexane	5.58	S	0.284	0.284	19.7	1.00	1.00	08/12/15	KCA	1	
Isopropylalcohol	19.1	S	0.407	0.407	46.9	1.00	1.00	08/12/15	KCA	1	
Isopropylbenzene	ND		0.204	0.204	ND	1.00	1.00	08/12/15	KCA	1	
m,p-Xylene	2.81		0.230	0.230	12.2	1.00	1.00	08/12/15	KCA	1	
Methyl Ethyl Ketone	64.1	D	17.0	17.0	189	50.1	50.1	08/12/15	KCA	50	
Methyl tert-butyl ether(MTBE)	ND		0.278	0.278	ND	1.00	1.00	08/12/15	KCA	1	
Methylene Chloride	0.567	S	0.288	0.288	1.97	1.00	1.00	08/12/15	KCA	1	
n-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
o-Xylene	1.15		0.230	0.230	4.99	1.00	1.00	08/12/15	KCA	1	
Propylene	22.7		0.581	0.581	39.0	1.00	1.00	08/12/15	KCA	1	1
sec-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
Styrene	0.258		0.235	0.235	1.10	1.00	1.00	08/12/15	KCA	1	
Tetrachloroethene	12.4		0.037	0.037	84.1	0.25	0.25	08/12/15	KCA	1	
Tetrahydrofuran	ND		0.339	0.339	ND	1.00	1.00	08/12/15	KCA	1	1
Toluene	26.5		0.266	0.266	100	1.00	1.00	08/12/15	KCA	1	
Trans-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
trans-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Trichloroethene	0.256		0.047	0.047	1.37	0.25	0.25	08/12/15	KCA	1	
Trichlorofluoromethane	1.22		0.178	0.178	6.85	1.00	1.00	08/12/15	KCA	1	
Trichlorotrifluoroethane	ND		0.131	0.131	ND	1.00	1.00	08/12/15	KCA	1	
Vinyl Chloride	ND		0.098	0.098	ND	0.25	0.25	08/12/15	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	108		%	%	108	%	%	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN

Phoenix I.D.: BJ70838

Client ID: SG4

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

S - Laboratory solvent, contamination is possible.

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

September 24, 2015

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

September 24, 2015

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:	GS	08/05/15	13:17
Location Code:	EBC	Received by:	LB	08/07/15	16:27
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	12862				

Laboratory Data

SDG ID: GBJ70838
Phoenix ID: BJ70839

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG5

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)										
1,1,1,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	1
1,1,1-Trichloroethane	0.954	*0.183*	0.183	5.20	*1.00*	1.00	08/12/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	0.183	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethene	ND	*0.252*	0.252	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	0.135	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trimethylbenzene	0.604	*0.204*	0.204	2.97	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	0.130	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichloroethane	ND	*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-dichloropropane	ND	*0.217*	0.217	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	0.143	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	0.204	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Butadiene	ND	*0.452*	0.452	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Dichlorobenzene	1.15	*0.166*	0.166	6.91	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dioxane	ND	*0.278*	0.278	ND	*1.00*	1.00	08/12/15	KCA	1	
2-Hexanone(MBK)	18.7	*0.244*	0.244	76.6	*1.00*	1.00	08/12/15	KCA	1	1
4-Ethyltoluene	ND	*0.204*	0.204	ND	*1.00*	1.00	08/12/15	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	0.182	ND	*1.00*	1.00	08/12/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	0.244	ND	*1.00*	1.00	08/12/15	KCA	1	
Acetone	1470	DS *16.8*	16.8	3490	*39.9*	39.9	08/12/15	KCA	40	
Acrylonitrile	ND	*0.461*	0.461	ND	*1.00*	1.00	08/12/15	KCA	1	
Benzene	0.510	*0.313*	0.313	1.63	*1.00*	1.00	08/12/15	KCA	1	
Benzyl chloride	ND	*0.193*	0.193	ND	*1.00*	1.00	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG5

Phoenix I.D.: BJ70839

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		0.149	0.149	ND	1.00	1.00	08/12/15	KCA	1	
Bromoform	ND		0.097	0.097	ND	1.00	1.00	08/12/15	KCA	1	
Bromomethane	ND		0.258	0.258	ND	1.00	1.00	08/12/15	KCA	1	
Carbon Disulfide	ND		0.321	0.321	ND	1.00	1.00	08/12/15	KCA	1	
Carbon Tetrachloride	0.049		0.040	0.040	0.31	0.25	0.25	08/12/15	KCA	1	
Chlorobenzene	ND		0.217	0.217	ND	1.00	1.00	08/12/15	KCA	1	
Chloroethane	ND		0.379	0.379	ND	1.00	1.00	08/12/15	KCA	1	
Chloroform	ND		0.205	0.205	ND	1.00	1.00	08/12/15	KCA	1	
Chloromethane	0.764		0.485	0.485	1.58	1.00	1.00	08/12/15	KCA	1	
Cis-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
cis-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Cyclohexane	ND		0.291	0.291	ND	1.00	1.00	08/12/15	KCA	1	
Dibromochloromethane	ND		0.118	0.118	ND	1.00	1.00	08/12/15	KCA	1	
Dichlorodifluoromethane	0.309		0.202	0.202	1.53	1.00	1.00	08/12/15	KCA	1	
Ethanol	102	ES	0.531	0.531	192	1.00	1.00	08/12/15	KCA	1	1
Ethyl acetate	1.83		0.278	0.278	6.59	1.00	1.00	08/12/15	KCA	1	1
Ethylbenzene	0.500		0.230	0.230	2.17	1.00	1.00	08/12/15	KCA	1	
Heptane	2.46		0.244	0.244	10.1	1.00	1.00	08/12/15	KCA	1	
Hexachlorobutadiene	ND		0.094	0.094	ND	1.00	1.00	08/12/15	KCA	1	
Hexane	1.86	S	0.284	0.284	6.55	1.00	1.00	08/12/15	KCA	1	
Isopropylalcohol	32.1	S	0.407	0.407	78.9	1.00	1.00	08/12/15	KCA	1	
Isopropylbenzene	ND		0.204	0.204	ND	1.00	1.00	08/12/15	KCA	1	
m,p-Xylene	1.68		0.230	0.230	7.29	1.00	1.00	08/12/15	KCA	1	
Methyl Ethyl Ketone	117	D	13.6	13.6	345	40.1	40.1	08/12/15	KCA	40	
Methyl tert-butyl ether(MTBE)	ND		0.278	0.278	ND	1.00	1.00	08/12/15	KCA	1	
Methylene Chloride	0.418	S	0.288	0.288	1.45	1.00	1.00	08/12/15	KCA	1	
n-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
o-Xylene	0.640		0.230	0.230	2.78	1.00	1.00	08/12/15	KCA	1	
Propylene	61.1	D	23.3	23.3	105	40.1	40.1	08/12/15	KCA	40	1
sec-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
Styrene	0.416		0.235	0.235	1.77	1.00	1.00	08/12/15	KCA	1	
Tetrachloroethene	0.469		0.037	0.037	3.18	0.25	0.25	08/12/15	KCA	1	
Tetrahydrofuran	ND		0.339	0.339	ND	1.00	1.00	08/12/15	KCA	1	1
Toluene	2.05		0.266	0.266	7.72	1.00	1.00	08/12/15	KCA	1	
Trans-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
trans-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Trichloroethene	0.084		0.047	0.047	0.45	0.25	0.25	08/12/15	KCA	1	
Trichlorofluoromethane	0.939		0.178	0.178	5.27	1.00	1.00	08/12/15	KCA	1	
Trichlorotrifluoroethane	ND		0.131	0.131	ND	1.00	1.00	08/12/15	KCA	1	
Vinyl Chloride	ND		0.098	0.098	ND	0.25	0.25	08/12/15	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	107		%	%	107	%	%	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN

Phoenix I.D.: BJ70839

Client ID: SG5

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

S - Laboratory solvent, contamination is possible.

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

September 24, 2015

Reviewed and Released by: Tina Covensky

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 24, 2015

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:	GS	08/05/15	13:14
Location Code:	EBC	Received by:	LB	08/07/15	16:27
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	480				

Laboratory Data

SDG ID: GBJ70838
Phoenix ID: BJ70840

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG1

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	1
1,1,1-Trichloroethane	0.934		*0.183*	0.183	5.09	*1.00*	1.00	08/12/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trimethylbenzene	0.610		*0.204*	0.204	3.00	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Dichlorobenzene	0.404		*0.166*	0.166	2.43	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	08/12/15	KCA	1	
2-Hexanone(MBK)	9.85		*0.244*	0.244	40.3	*1.00*	1.00	08/12/15	KCA	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	08/12/15	KCA	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	08/12/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	08/12/15	KCA	1	
Acetone	774	DS	*16.8*	16.8	1840	*39.9*	39.9	08/12/15	KCA	40	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	08/12/15	KCA	1	
Benzene	1.99		*0.313*	0.313	6.35	*1.00*	1.00	08/12/15	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG1

Phoenix I.D.: BJ70840

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		0.149	0.149	ND	1.00	1.00	08/12/15	KCA	1	
Bromoform	ND		0.097	0.097	ND	1.00	1.00	08/12/15	KCA	1	
Bromomethane	ND		0.258	0.258	ND	1.00	1.00	08/12/15	KCA	1	
Carbon Disulfide	2.69		0.321	0.321	8.37	1.00	1.00	08/12/15	KCA	1	
Carbon Tetrachloride	0.066		0.040	0.040	0.41	0.25	0.25	08/12/15	KCA	1	
Chlorobenzene	ND		0.217	0.217	ND	1.00	1.00	08/12/15	KCA	1	
Chloroethane	ND		0.379	0.379	ND	1.00	1.00	08/12/15	KCA	1	
Chloroform	0.438		0.205	0.205	2.14	1.00	1.00	08/12/15	KCA	1	
Chloromethane	0.507		0.485	0.485	1.05	1.00	1.00	08/12/15	KCA	1	
Cis-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
cis-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Cyclohexane	0.714		0.291	0.291	2.46	1.00	1.00	08/12/15	KCA	1	
Dibromochloromethane	ND		0.118	0.118	ND	1.00	1.00	08/12/15	KCA	1	
Dichlorodifluoromethane	0.386		0.202	0.202	1.91	1.00	1.00	08/12/15	KCA	1	
Ethanol	38.9	S	0.531	0.531	73.2	1.00	1.00	08/12/15	KCA	1	1
Ethyl acetate	2.28		0.278	0.278	8.21	1.00	1.00	08/12/15	KCA	1	1
Ethylbenzene	0.470		0.230	0.230	2.04	1.00	1.00	08/12/15	KCA	1	
Heptane	3.68		0.244	0.244	15.1	1.00	1.00	08/12/15	KCA	1	
Hexachlorobutadiene	ND		0.094	0.094	ND	1.00	1.00	08/12/15	KCA	1	
Hexane	4.97	S	0.284	0.284	17.5	1.00	1.00	08/12/15	KCA	1	
Isopropylalcohol	18.7	S	0.407	0.407	45.9	1.00	1.00	08/12/15	KCA	1	
Isopropylbenzene	ND		0.204	0.204	ND	1.00	1.00	08/12/15	KCA	1	
m,p-Xylene	1.36		0.230	0.230	5.90	1.00	1.00	08/12/15	KCA	1	
Methyl Ethyl Ketone	48.3	D	13.6	13.6	142	40.1	40.1	08/12/15	KCA	40	
Methyl tert-butyl ether(MTBE)	ND		0.278	0.278	ND	1.00	1.00	08/12/15	KCA	1	
Methylene Chloride	0.657	S	0.288	0.288	2.28	1.00	1.00	08/12/15	KCA	1	
n-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
o-Xylene	0.568		0.230	0.230	2.46	1.00	1.00	08/12/15	KCA	1	
Propylene	59.2	D	23.3	23.3	102	40.1	40.1	08/12/15	KCA	40	1
sec-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
Styrene	0.283		0.235	0.235	1.20	1.00	1.00	08/12/15	KCA	1	
Tetrachloroethene	0.270		0.037	0.037	1.83	0.25	0.25	08/12/15	KCA	1	
Tetrahydrofuran	ND		0.339	0.339	ND	1.00	1.00	08/12/15	KCA	1	1
Toluene	4.95		0.266	0.266	18.6	1.00	1.00	08/12/15	KCA	1	
Trans-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
trans-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Trichloroethene	0.174		0.047	0.047	0.93	0.25	0.25	08/12/15	KCA	1	
Trichlorofluoromethane	0.521		0.178	0.178	2.93	1.00	1.00	08/12/15	KCA	1	
Trichlorotrifluoroethane	ND		0.131	0.131	ND	1.00	1.00	08/12/15	KCA	1	
Vinyl Chloride	ND		0.098	0.098	ND	0.25	0.25	08/12/15	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	106		%	%	106	%	%	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN

Phoenix I.D.: BJ70840

Client ID: SG1

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

S - Laboratory solvent, contamination is possible.

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

September 24, 2015

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

September 24, 2015

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:	GS	08/05/15	13:19
Location Code:	EBC	Received by:	LB	08/07/15	16:27
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	479				

Laboratory Data

SDG ID: GBJ70838
Phoenix ID: BJ70841

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG3

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	1
1,1,1-Trichloroethane	0.785		*0.183*	0.183	4.28	*1.00*	1.00	08/12/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trimethylbenzene	0.868		*0.204*	0.204	4.26	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorotetrafluoroethane	0.182		*0.143*	0.143	1.27	*1.00*	1.00	08/12/15	KCA	1	
1,3,5-Trimethylbenzene	0.244		*0.204*	0.204	1.20	*1.00*	1.00	08/12/15	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Dichlorobenzene	0.317		*0.166*	0.166	1.90	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	08/12/15	KCA	1	
2-Hexanone(MBK)	20.0		*0.244*	0.244	81.9	*1.00*	1.00	08/12/15	KCA	1	1
4-Ethyltoluene	0.218		*0.204*	0.204	1.07	*1.00*	1.00	08/12/15	KCA	1	1
4-Isopropyltoluene	0.273		*0.182*	0.182	1.50	*1.00*	1.00	08/12/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	08/12/15	KCA	1	
Acetone	1150	DS	*16.8*	16.8	2730	*39.9*	39.9	08/12/15	KCA	40	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	08/12/15	KCA	1	
Benzene	0.345		*0.313*	0.313	1.10	*1.00*	1.00	08/12/15	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG3

Phoenix I.D.: BJ70841

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		0.149	0.149	ND	1.00	1.00	08/12/15	KCA	1	
Bromoform	ND		0.097	0.097	ND	1.00	1.00	08/12/15	KCA	1	
Bromomethane	ND		0.258	0.258	ND	1.00	1.00	08/12/15	KCA	1	
Carbon Disulfide	ND		0.321	0.321	ND	1.00	1.00	08/12/15	KCA	1	
Carbon Tetrachloride	ND		0.040	0.040	ND	0.25	0.25	08/12/15	KCA	1	
Chlorobenzene	ND		0.217	0.217	ND	1.00	1.00	08/12/15	KCA	1	
Chloroethane	ND		0.379	0.379	ND	1.00	1.00	08/12/15	KCA	1	
Chloroform	0.507		0.205	0.205	2.47	1.00	1.00	08/12/15	KCA	1	
Chloromethane	0.545		0.485	0.485	1.12	1.00	1.00	08/12/15	KCA	1	
Cis-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
cis-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Cyclohexane	ND		0.291	0.291	ND	1.00	1.00	08/12/15	KCA	1	
Dibromochloromethane	ND		0.118	0.118	ND	1.00	1.00	08/12/15	KCA	1	
Dichlorodifluoromethane	0.528		0.202	0.202	2.61	1.00	1.00	08/12/15	KCA	1	
Ethanol	51.8	ES	0.531	0.531	97.5	1.00	1.00	08/12/15	KCA	1	1
Ethyl acetate	1.18		0.278	0.278	4.25	1.00	1.00	08/12/15	KCA	1	1
Ethylbenzene	0.672		0.230	0.230	2.92	1.00	1.00	08/12/15	KCA	1	
Heptane	1.42		0.244	0.244	5.82	1.00	1.00	08/12/15	KCA	1	
Hexachlorobutadiene	ND		0.094	0.094	ND	1.00	1.00	08/12/15	KCA	1	
Hexane	1.66	S	0.284	0.284	5.85	1.00	1.00	08/12/15	KCA	1	
Isopropylalcohol	16.5	S	0.407	0.407	40.5	1.00	1.00	08/12/15	KCA	1	
Isopropylbenzene	ND		0.204	0.204	ND	1.00	1.00	08/12/15	KCA	1	
m,p-Xylene	2.49		0.230	0.230	10.8	1.00	1.00	08/12/15	KCA	1	
Methyl Ethyl Ketone	91.9	D	13.6	13.6	271	40.1	40.1	08/12/15	KCA	40	
Methyl tert-butyl ether(MTBE)	ND		0.278	0.278	ND	1.00	1.00	08/12/15	KCA	1	
Methylene Chloride	0.468	S	0.288	0.288	1.62	1.00	1.00	08/12/15	KCA	1	
n-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
o-Xylene	0.859		0.230	0.230	3.73	1.00	1.00	08/12/15	KCA	1	
Propylene	40.1	D	23.3	23.3	69.0	40.1	40.1	08/12/15	KCA	40	1
sec-Butylbenzene	ND		0.182	0.182	ND	1.00	1.00	08/12/15	KCA	1	1
Styrene	ND		0.235	0.235	ND	1.00	1.00	08/12/15	KCA	1	
Tetrachloroethene	2.32		0.037	0.037	15.7	0.25	0.25	08/12/15	KCA	1	
Tetrahydrofuran	ND		0.339	0.339	ND	1.00	1.00	08/12/15	KCA	1	1
Toluene	6.83		0.266	0.266	25.7	1.00	1.00	08/12/15	KCA	1	
Trans-1,2-Dichloroethene	ND		0.252	0.252	ND	1.00	1.00	08/12/15	KCA	1	
trans-1,3-Dichloropropene	ND		0.221	0.221	ND	1.00	1.00	08/12/15	KCA	1	
Trichloroethene	0.084		0.047	0.047	0.45	0.25	0.25	08/12/15	KCA	1	
Trichlorofluoromethane	2.11		0.178	0.178	11.8	1.00	1.00	08/12/15	KCA	1	
Trichlorotrifluoroethane	ND		0.131	0.131	ND	1.00	1.00	08/12/15	KCA	1	
Vinyl Chloride	ND		0.098	0.098	ND	0.25	0.25	08/12/15	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	106		%	%	106	%	%	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN

Phoenix I.D.: BJ70841

Client ID: SG3

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

S - Laboratory solvent, contamination is possible.

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

September 24, 2015

Reviewed and Released by: Tina Covensky

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 24, 2015

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:	GS	08/05/15	13:16
Location Code:	EBC	Received by:	LB	08/07/15	16:27
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	494				

Laboratory Data

SDG ID: GBJ70838
Phoenix ID: BJ70842

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG2

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Volatiles (TO15)											
1,1,1,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	1
1,1,1-Trichloroethane	1.21		*0.183*	0.183	6.60	*1.00*	1.00	08/12/15	KCA	1	
1,1,2,2-Tetrachloroethane	ND		*0.146*	0.146	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1,2-Trichloroethane	ND		*0.183*	0.183	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,1-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trichlorobenzene	ND		*0.135*	0.135	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2,4-Trimethylbenzene	0.718		*0.204*	0.204	3.53	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dibromoethane(EDB)	ND		*0.130*	0.130	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichloroethane	ND		*0.247*	0.247	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-dichloropropane	ND		*0.217*	0.217	ND	*1.00*	1.00	08/12/15	KCA	1	
1,2-Dichlorotetrafluoroethane	ND		*0.143*	0.143	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3,5-Trimethylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Butadiene	ND		*0.452*	0.452	ND	*1.00*	1.00	08/12/15	KCA	1	
1,3-Dichlorobenzene	0.768		*0.166*	0.166	4.61	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dichlorobenzene	ND		*0.166*	0.166	ND	*1.00*	1.00	08/12/15	KCA	1	
1,4-Dioxane	ND		*0.278*	0.278	ND	*1.00*	1.00	08/12/15	KCA	1	
2-Hexanone(MBK)	19.4		*0.244*	0.244	79.4	*1.00*	1.00	08/12/15	KCA	1	1
4-Ethyltoluene	ND		*0.204*	0.204	ND	*1.00*	1.00	08/12/15	KCA	1	1
4-Isopropyltoluene	ND		*0.182*	0.182	ND	*1.00*	1.00	08/12/15	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND		*0.244*	0.244	ND	*1.00*	1.00	08/12/15	KCA	1	
Acetone	1900	DES	*16.8*	16.8	4510	*39.9*	39.9	08/12/15	KCA	40	
Acrylonitrile	ND		*0.461*	0.461	ND	*1.00*	1.00	08/12/15	KCA	1	
Benzene	0.527		*0.313*	0.313	1.68	*1.00*	1.00	08/12/15	KCA	1	
Benzyl chloride	ND		*0.193*	0.193	ND	*1.00*	1.00	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN
Client ID: SG2

Phoenix I.D.: BJ70842

Parameter	ppbv Result		ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	0.149	ND	*1.00*	1.00	08/12/15	KCA	1	
Bromoform	ND		*0.097*	0.097	ND	*1.00*	1.00	08/12/15	KCA	1	
Bromomethane	ND		*0.258*	0.258	ND	*1.00*	1.00	08/12/15	KCA	1	
Carbon Disulfide	ND		*0.321*	0.321	ND	*1.00*	1.00	08/12/15	KCA	1	
Carbon Tetrachloride	0.053		*0.040*	0.040	0.33	*0.25*	0.25	08/12/15	KCA	1	
Chlorobenzene	ND		*0.217*	0.217	ND	*1.00*	1.00	08/12/15	KCA	1	
Chloroethane	ND		*0.379*	0.379	ND	*1.00*	1.00	08/12/15	KCA	1	
Chloroform	ND		*0.205*	0.205	ND	*1.00*	1.00	08/12/15	KCA	1	
Chloromethane	0.612		*0.485*	0.485	1.26	*1.00*	1.00	08/12/15	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	08/12/15	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	08/12/15	KCA	1	
Cyclohexane	ND		*0.291*	0.291	ND	*1.00*	1.00	08/12/15	KCA	1	
Dibromochloromethane	ND		*0.118*	0.118	ND	*1.00*	1.00	08/12/15	KCA	1	
Dichlorodifluoromethane	0.356		*0.202*	0.202	1.76	*1.00*	1.00	08/12/15	KCA	1	
Ethanol	83.1	ES	*0.531*	0.531	156	*1.00*	1.00	08/12/15	KCA	1	1
Ethyl acetate	3.50		*0.278*	0.278	12.6	*1.00*	1.00	08/12/15	KCA	1	1
Ethylbenzene	0.632		*0.230*	0.230	2.74	*1.00*	1.00	08/12/15	KCA	1	
Heptane	3.23		*0.244*	0.244	13.2	*1.00*	1.00	08/12/15	KCA	1	
Hexachlorobutadiene	ND		*0.094*	0.094	ND	*1.00*	1.00	08/12/15	KCA	1	
Hexane	2.14	S	*0.284*	0.284	7.54	*1.00*	1.00	08/12/15	KCA	1	
Isopropylalcohol	32.6	S	*0.407*	0.407	80.1	*1.00*	1.00	08/12/15	KCA	1	
Isopropylbenzene	ND		*0.204*	0.204	ND	*1.00*	1.00	08/12/15	KCA	1	
m,p-Xylene	1.91		*0.230*	0.230	8.29	*1.00*	1.00	08/12/15	KCA	1	
Methyl Ethyl Ketone	140	D	*13.6*	13.6	413	*40.1*	40.1	08/12/15	KCA	40	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	0.278	ND	*1.00*	1.00	08/12/15	KCA	1	
Methylene Chloride	0.359	S	*0.288*	0.288	1.25	*1.00*	1.00	08/12/15	KCA	1	
n-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	08/12/15	KCA	1	1
o-Xylene	0.742		*0.230*	0.230	3.22	*1.00*	1.00	08/12/15	KCA	1	
Propylene	69.2	D	*23.3*	23.3	119	*40.1*	40.1	08/12/15	KCA	40	1
sec-Butylbenzene	ND		*0.182*	0.182	ND	*1.00*	1.00	08/12/15	KCA	1	1
Styrene	0.427		*0.235*	0.235	1.82	*1.00*	1.00	08/12/15	KCA	1	
Tetrachloroethene	0.226		*0.037*	0.037	1.53	*0.25*	0.25	08/12/15	KCA	1	
Tetrahydrofuran	ND		*0.339*	0.339	ND	*1.00*	1.00	08/12/15	KCA	1	1
Toluene	2.95		*0.266*	0.266	11.1	*1.00*	1.00	08/12/15	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	0.252	ND	*1.00*	1.00	08/12/15	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	0.221	ND	*1.00*	1.00	08/12/15	KCA	1	
Trichloroethene	ND		*0.047*	0.047	ND	*0.25*	0.25	08/12/15	KCA	1	
Trichlorofluoromethane	1.61		*0.178*	0.178	9.04	*1.00*	1.00	08/12/15	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	0.131	ND	*1.00*	1.00	08/12/15	KCA	1	
Vinyl Chloride	ND		*0.098*	0.098	ND	*0.25*	0.25	08/12/15	KCA	1	
QA/QC Surrogates											
% Bromofluorobenzene	109		*%*	%	109	*%*	%	08/12/15	KCA	1	

Project ID: 1019 FULTON ST., BROOKLYN

Phoenix I.D.: BJ70842

Client ID: SG2

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

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

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

S - Laboratory solvent, contamination is possible.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

September 24, 2015

Reviewed and Released by: Tina Covensky

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

September 24, 2015

QA/QC Data

SDG I.D.: GBJ70838

QA/QC Batch 316859 (ppbv), QC Sample No: BJ70838 (BJ70838, BJ70839, BJ70840, BJ70841, BJ70842)

Volatiles

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	0.183	ND	1.00	104	1.96	1.95	0.360	0.358	0.6	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	0.183	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	0.247	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	0.252	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	64	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	97	5.94	5.99	1.21	1.22	0.8	70 - 130	20
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	0.166	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	0.247	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	0.216	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	93	ND	1.08	ND	0.154	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	94	1.64	1.71	0.334	0.349	4.4	70 - 130	20
1,3-Butadiene	ND	0.452	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	0.166	ND	1.00	97	3.18	3.23	0.530	0.538	1.5	70 - 130	20
1,4-Dichlorobenzene	ND	0.166	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	0.278	ND	1.00	112	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	0.244	ND	1.00	107	90.1	74.5	22.0	18.2	18.9	70 - 130	20
4-Ethyltoluene	ND	0.204	ND	1.00	101	1.04	1.09	0.211	0.222	5.1	70 - 130	20
4-Isopropyltoluene	ND	0.182	ND	1.00	84	1.80	1.61	0.329	0.294	11.2	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	107	3.59	3.83	0.878	0.936	6.4	70 - 130	20
Acrylonitrile	ND	0.461	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	0.313	ND	1.00	99	29.3	29.3	9.19	9.17	0.2	70 - 130	20
Benzyl chloride	ND	0.193	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	0.149	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	0.097	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	0.257	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	0.321	ND	1.00	93	4.11	4.11	1.32	1.32	0.0	70 - 130	20
Carbon Tetrachloride	ND	0.040	ND	0.25	107	ND	ND	ND	ND	NC	70 - 130	20
Chlorobenzene	ND	0.217	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	0.379	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	0.205	ND	1.00	98	1.41	1.44	0.289	0.296	2.4	70 - 130	20
Chloromethane	ND	0.484	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	0.256	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	0.291	ND	1.00	98	2.81	2.91	0.817	0.845	3.4	70 - 130	20
Dibromochloromethane	ND	0.117	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	0.202	ND	1.00	101	2.52	2.59	0.510	0.525	2.9	70 - 130	20
Ethanol	ND	0.531	ND	1.00	108	69.3 S	69.3 S	36.8 S	36.8 S	0.0	70 - 130	20
Ethyl acetate	ND	0.278	ND	1.00	103	15.5	14.5	4.30	4.03	6.5	70 - 130	20

QA/QC Data

SDG I.D.: GBJ70838

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Ethylbenzene	ND	0.230	ND	1.00	102	4.64	4.82	1.07	1.11	3.7	70 - 130	20	
Heptane	ND	0.244	ND	1.00	84	17.0	22.5	4.16	5.49	27.6	70 - 130	20	r
Hexachlorobutadiene	ND	0.094	ND	1.00	64	ND	ND	ND	ND	NC	70 - 130	20	l
Hexane	ND	0.284	ND	1.00	100	19.7 S	19.8 S	5.58 S	5.63 S	0.9	70 - 130	20	
Isopropylalcohol	ND	0.407	ND	1.00	106	46.9 S	46.4 S	19.1 S	18.9 S	1.1	70 - 130	20	
Isopropylbenzene	ND	0.204	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20	
m,p-Xylene	ND	0.230	ND	1.00	102	12.2	12.4	2.81	2.85	1.4	70 - 130	20	
Methyl tert-butyl ether(MTBE)	ND	0.277	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	20	
Methylene Chloride	ND	0.288	ND	1.00	95	1.97 S	1.68 S	0.567 S	0.485 S	15.6	70 - 130	20	
n-Butylbenzene	ND	0.182	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	20	
o-Xylene	ND	0.230	ND	1.00	97	4.99	5.03	1.15	1.16	0.9	70 - 130	20	
Propylene	ND	0.581	ND	1.00	107	39.0	40.2	22.7	23.4	3.0	70 - 130	20	
sec-Butylbenzene	ND	0.182	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	20	
Styrene	ND	0.235	ND	1.00	107	1.10	1.11	0.258	0.260	0.8	70 - 130	20	
Tetrachloroethene	ND	0.037	ND	0.25	98	84.1	88.1	12.4	13.0	4.7	70 - 130	20	
Tetrahydrofuran	ND	0.339	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	20	
Toluene	ND	0.266	ND	1.00	98	100	106	26.5	28.1	5.9	70 - 130	20	
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	20	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	109	ND	ND	ND	ND	NC	70 - 130	20	
Trichloroethene	ND	0.047	ND	0.25	103	1.37	1.42	0.256	0.264	3.1	70 - 130	20	
Trichlorofluoromethane	ND	0.178	ND	1.00	107	6.85	6.85	1.22	1.22	0.0	70 - 130	20	
Trichlorotrifluoroethane	ND	0.131	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	20	
Vinyl Chloride	ND	0.098	ND	0.25	103	ND	ND	ND	ND	NC	70 - 130	20	
% Bromofluorobenzene	107	%	107	%	100	108	106	108	106	1.9	70 - 130	20	

QA/QC Batch 320768 (ppbv), QC Sample No: BJ70839 (BJ70838 (50X) , BJ70839 (40X) , BJ70840 (40X) , BJ70841 (40X) , BJ70842 (40X))

Volatiles

Acetone	ND	0.421	ND	1.00	94						70 - 130	20	
Methyl Ethyl Ketone	ND	0.339	ND	1.00	104						70 - 130	20	
Propylene	ND	0.581	ND	1.00	101						70 - 130	20	

l = This parameter is outside laboratory lcs/lcsd 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
September 24, 2015

Sample Criteria Exceedences Report

GBJ70838 - EBC

Criteria: None

State: NY

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

*** No Data to Display ***

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

PHOENIX Environmental Laboratories, Inc.

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CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

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

Report to: Kevin Waters

Customer: CBC

Address: ~~[illegible]~~

1008 Middle Country Rd, Ridge

Invoice to: EBC

Sampled by: Greg Sumson

Project Name: 1019 Fulton St Brooklyn

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	
70838	SG4	489	6.0	-30	-8	0331	41.7	1121	118	8/5	-30	-9		X			X
		353	6.0	-30	-	4485											
70839	SG5	12862	6.0	-30	-9	4490		1123	117	8/5	-29	-9		X			X
70840	SG1	480	6.0	-30	-9	5710		1127	114	8/5	-28	-9		X			X
70841	SG3	479	6.0	-30	-8	4993		1122	119	8/5	-29	-9		X			X
70842	SG2	494	6.0	-30	-7	3408		1125	116	8/5	-30	-9		X			X
	LOL 2hrs																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	8-7-15	1950
[signature]	[signature]	8-7-15	1627

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Rcvd unused canister #465 Reg 5349
#486 Reg 5706

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: