

5111 4TH AVENUE
BROOKLYN, NEW YORK 11220

Remedial Investigation Report

NYC VCP Site Number: TBD

OER Site Number: 15EHAZ376K

Prepared for:

Truman Management
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Prepared by:

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REMEDIAL INVESTIGATION REPORT

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REMEDIAL INVESTIGATION REPORT

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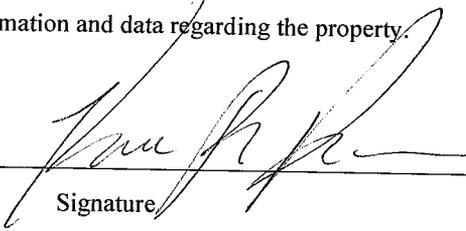
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LIST OF ACRONYMS

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, Kevin Brussee, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Redevelopment Project located at 5111 4th Avenue, Brooklyn, NY, (NYC VCP Site No. TBD). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

KEVIN BRUSSEE 3/23/2015 
Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site consists of a single lot located in the Sunset Park Section of the Borough of Brooklyn, City of New York, Kings County, New York. Figure 1 shows the Site location. The street address associated with the Site is 5111 4th Avenue, Brooklyn, New York 11220. The Site is identified as Block 799, Lot 6 on the New York City (NYC) Tax Map. Lot 6 consists of 50 feet of street frontage on 4th Avenue and a depth of 100 feet for a total of approximately 5,000 square feet (s.f.). A map of the Site is shown on Figure 2.

Currently, lot 6 is developed with a 2-story commercial building, most recently utilized by a glass bead supply company.

Summary of Proposed Redevelopment Plan

The development project consists of the addition of three floors to the existing 2-story commercial building. The first and second floor will remain commercial space, and floors 3 through 5 will be utilized for residential apartments. The existing building covers the first 95 feet of the lot, leaving a 5 foot rear yard. Excavation will be required to install new building support columns with footings, new grade beams, and to construct a new elevator pit. Excavation will be limited to a depth of approximately 6 ft 4 inches.

The existing building has a small cellar level that will be slightly expanded to install the elevator pit and compactor. The cellar level will consist of approximately 406 ft² of space, including a sprinkler/mechanical room, two small storage spaces, and elevator.

The water table is expected at a depth of approximately 75 feet below grade surface (bgs), and will therefore not be encountered during excavation.



Layout of the redevelopment plans for the proposed building is presented on Figures 3. The current zoning designation is R7A and 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 completed by Team Environmental Consultants Inc in 2014. The following Site history was established based on historic Sanborn maps:

The Site was undeveloped in 1888, but by 1906, the existing two-story building was constructed and was utilized by a dairy company. Between 1926 and 2007 the building contained several commercial tenants, including a restaurant, store, billiard parlor, bowling alley, and in 1926, a printing company. In 2005, the building contained a retail furniture store, and sometime between 2005 and 2014 the property became a glass bead supply company.

Based upon reconnaissance of the subject site and surrounding properties, and review of historical records and regulatory agency databases, the Phase I ESA revealed one recognized environmental condition at this Site:

- In 1926, the Site contained a printing company.

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

1. The presence of thin layer of historic fill material below the existing building's slab.

Summary of the Work Performed under the Remedial Investigation

EBC performed the following scope of work at the Site:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 4 soil borings (SB1-SB4) in February of 2015, and collected 7 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Attempted to install one monitoring well, but was unable to obtain depths greater than 50 feet; and
4. Installed 3 soil vapor implants and collected 3 soil vapor samples in for chemical analysis.



Summary of Environmental Findings

1. The elevation of the Site is approximately 80 feet.
2. Depth to groundwater at the Site is approximately 75 feet.
3. Regional groundwater flow is generally west-northwest.
4. Depth to bedrock at the Site is greater than 100 feet.
5. The stratigraphy of the Site consists of a very thin layer of historic fill (4-8 inches), underlain by native brown silty sand.
6. Soil/fill samples results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Table 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs). Data collected during the RI showed no detectable concentration of PCBs. No VOCs were detected above Unrestricted Use SCOs, but acetone (max of 16 µg/kg) and methylene chloride (max of 1.7 µg/kg) were present at trace concentrations. Six SVOCs, benz(a)anthracene (21,000 µg/kg), benzo(a)pyrene (21,000 µg/kg), benzo(b)fluoranthene (22,000 µg/kg), benzo(k)fluoranthene (7,700 µg/kg), chrysene (21,000 µg/kg), and indeno(1,2,3-cd)pyrene (14,000 µg/kg) were detected above Restricted Residential Use SCOs within one of the three shallow soil samples (B-1) collected at the Site. The pesticide aldrin was detected above Unrestricted Use SCOs within the same shallow soil sample. Three metals, including copper (70.2 mg/kg), lead (72.3 mg/kg), and mercury (1.53 mg/kg) exceeded Unrestricted Use SCOs within one of the four deep soil samples (B-4). Of these metals, only mercury also exceeded Restricted Residential Use SCOs. No VOCs, SVOCs, pesticides or PCBs were detected above Unrestricted Use SCOs within any of the deeper soil samples collected at the Site.
7. Attempts were made to install groundwater well, but refusal was encountered to depths of 50 feet below grade. No groundwater samples were obtained.
8. Soil vapor results collected during the RI were compared to the compounds listed in Vapor Intrusion Matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Data collected during the RI indicated petroleum related VOCs were present at low concentrations. Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 45.78 micrograms per cubic meter (µg/m³). The chlorinated VOC tetrachloroethene (PCE) was detected in

all three soil vapor samples at a maximum concentration of 1.38 $\mu\text{g}/\text{m}^3$. Trichloroethene (TCE) was detected in one of the three soil vapor samples at a concentration of 0.36 $\mu\text{g}/\text{m}^3$. Carbon tetrachloride was detected within all three soil vapor samples (max of 0.71 $\mu\text{g}/\text{m}^3$) and 1,1,1-trichloroethane (TCA) was not detected in any of the three soil vapor samples. The PCE, TCE, carbon tetrachloride and TCA concentrations are below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Truman Management has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.11-acre Site located at 5111 4th Avenue in the Sunset Park section of Brooklyn, New York. The proposed development plan includes the addition of three residential floors above the existing 2-story commercial building. The portion of the RI work conducted on the Site was conducted in February of 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 consists of a single lot located in the Sunset Park Section of the Borough of Brooklyn, City of New York, Kings County, New York. Figure 1 shows the Site location. The street address associated with the Site is 5111 4th Avenue, Brooklyn, New York 11220. The Site is identified as Block 799, Lot 6 on the New York City (NYC) Tax Map. Lot 6 consists of 50 feet of street frontage on 4th Avenue and a depth of 100 feet for a total of approximately 5,000 square feet (s.f.). A map of the Site is shown on Figure 2.

Currently, lot 6 is developed with a 2-story commercial building, most recently utilized by a glass bead supply company.

1.2 Proposed Redevelopment Plan

The development project consists of the addition of three floors to the existing 2-story commercial building. The first and second floor will remain commercial space, and floors 3 through 5 will be utilized for residential apartments. The existing building covers the first 95 feet of the lot, leaving a 5 foot rear yard. Excavation will be required to install new building support columns with footings, new grade beams, and to construct a new elevator pit. Excavation will be limited to a depth of approximately 6 ft 4 inches.

The existing building has a small cellar level that will be slightly expanded to install the elevator pit and compactor. The cellar level will consist of approximately 406 ft² of space, including a sprinkler/mechanical room, two small storage spaces, and elevator.

The water table is expected at a depth of approximately 75 feet below grade surface (bgs), and will therefore not be encountered during excavation.

Layout of the redevelopment plans for the proposed building is presented on Figures 3. The current zoning designation is R7A and with a C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located on 4th Avenue which is developed with commercial buildings with apartments on the upper floors. Each of the side streets off of 4th Avenue are developed with 3 and 4-story row houses. Figure 4 shows the surrounding land usage of adjacent properties as well as additional properties located up to 500 feet away from the Site. The Center for the Elimination of Violence in the Family is located at 362 51st Street, which is on the opposite side of 4th Avenue to the west. No other schools, hospitals, or daycare facilities are located within a 250 ft radius of the Site.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A Phase I Environmental Site Assessment was completed by Team Environmental Consultants Inc in 2014. The following Site history was established based on historic Sanborn maps:

The Site was undeveloped in 1888, but by 1906, the existing two-story building was constructed and was utilized by a dairy company. Between 1926 and 2007 the building contained several commercial tenants, including a restaurant, store, billiard parlor, bowling alley, and in 1926, a printing company. In 2005, the building contained a retail furniture store, and sometime between 2005 and 2014 the property became a glass bead supply company.

Based upon reconnaissance of the subject site and surrounding properties, and review of historical records and regulatory agency databases, the Phase I ESA revealed one recognized environmental condition at this Site:

In 1926, the Site contained a printing company.

2.2 Previous Investigations

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

2.3 Site Inspection

Mr. Kevin Waters of EBC performed a site inspection on February 25, 2015, beginning at approximately 7:00 am. The reconnaissance included a visual inspection of the interior of the building, the building's basement and the sidewalk in front of the building. At the time of the Site inspection, No evidence of an aboveground or underground storage tank was observed during the site inspection, but piping indicative of a No. 2 fuel oil aboveground storage tank was observed within the basement. EBC suspects the aboveground storage tank was previously removed.

2.4 Areas of Concern

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

1. The presence of thin layer of historic fill material below the existing building's slab.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

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

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

EBC performed the following scope of work at the Site:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 4 soil borings (SB1-SB4) in February of 2015, and collected 7 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Attempted to install one monitoring well, but was unable to obtain depths greater than 50 feet; and
4. Installed 3 soil vapor implants and collected 3 soil vapor samples in for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On February 25, 2015, four soil borings (SB1 through SB4) were installed across the entire Site in the approximate locations shown on Figure 5. The four soil boring locations were chosen to gain representative soil quality information across the Site. For each of the four soil borings, soil samples were collected continuously from grade to a final depth of 10 feet below existing grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photoionization detector (PID) and visually inspected for evidence of contamination. No PID readings above background concentrations were detected. From soil borings SB1, SB2 and SB3, soil samples were retained for laboratory analysis from the intervals 0 to 2 feet below grade and 4 to 6 feet below grade. From soil boring SB4, one soil sample was retained for laboratory analysis from the interval 4 to 6 feet below grade.

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

Groundwater Monitoring Well Construction

On February 25, 2015, EBC attempted to install a monitoring well in the approximate location shown on Figure 5. However, due to the depth to groundwater (approximately 75 feet below grade), EBC was unable to obtain a depth great enough to install a monitoring well.

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.

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. 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). Soil samples B1(0-2), B2(0-2), B3(0-2) and B4(4-6) 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. Soil samples B1(4-6), B2(4-6) and B3(4-6) were analyzed for the presence of SVOCs by EPA Method 8270, and TAL metals.

Soil Vapor Sampling

Three soil vapor probes (SG1-SG3) were installed on February 25, 2013. Three soil vapor samples were collected from the three soil vapor probes for chemical analysis during this RI. The collection location of the three soil vapor samples is shown on Figure 5. Soil vapor sample collection data is reported in Table 6, and the soil vapor sampling log is included in Attachment D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

The three soil vapor probes were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor probes is shown on Figure 5. The vapor probes that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The soil vapor probes were installed to a depth of 4 feet below grade. Each probe was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the probe to a height of approximately 1 foot above the bottom of the probe. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling for the three soil vapor probes installed on February 25, 2015 was conducted on February 26, 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 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 fourteen 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 analytical methods: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil and soil vapor are summarized in Tables 2 through 6. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Attachment E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the Site consists of a thin layer of historic fill (4-8 inches) immediately below the existing building's concrete slab, underlain by native brown silty sand.

Hydrogeology

The elevation of the Site is approximately 81 feet. Therefore, groundwater is estimated to be approximately 75 feet below grade. Regional groundwater flow is generally west-northwest.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Tables 2 through 5. Figure 6 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives.

Data collected during the RI showed no detectable concentration of PCBs. No VOCs were detected above Unrestricted Use SCOs, but the VOCs acetone (max of 16 µg/kg) and methylene chloride (max of 1.7 µg/kg) were present at concentrations below Unrestricted Use SCOs. Six SVOCs, benz(a)anthracene (21,000 µg/kg), benzo(a)pyrene (21,000 µg/kg), benzo(b)fluoranthene (22,000 µg/kg), benzo(k)fluoranthene (7,700 µg/kg), chrysene (21,000 µg/kg), and indeno(1,2,3-cd)pyrene (14,000 µg/kg) were detected above Restricted Residential Use SCOs within one of the three shallow soil samples collected at the Site. The pesticide aldrin (10 µg/kg) was detected above Unrestricted Use SCOs within the same shallow soil sample. Three metals, including copper (70.2 mg/kg), lead (72.3 mg/kg), and mercury (1.53 mg/kg) exceeded Unrestricted Use SCOs within one of the four deep soil samples. Of these metals, only mercury also exceeded Restricted Residential Use SCOs. No VOCs, SVOCs, pesticides or PCBs were detected above Unrestricted Use SCOs within any of the deeper soil samples collected at the Site.

5.3 Soil Vapor Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 6. Figure 7 shows the location and posts the values for soil vapor samples with detected concentrations.

Data collected during the RI indicated petroleum related VOCs were present at low concentrations. Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 45.78 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). The chlorinated VOC tetrachloroethene (PCE) was detected in all three soil vapor samples at a maximum concentration of $1.38 \mu\text{g}/\text{m}^3$. Trichloroethene (TCE) was detected in one of the three soil vapor samples at a concentration of $0.36 \mu\text{g}/\text{m}^3$ (SG1). Carbon tetrachloride was detected within all three soil vapor samples (max of $0.71 \mu\text{g}/\text{m}^3$) and 1,1,1-trichloroethane (TCA) was not detected in any of the three soil vapor samples. The PCE, TCE, carbon tetrachloride and TCA concentrations are below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

5.4 Prior Activity

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

5.5 Impediments to Remedial Action

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

TABLES

TABLE 2
5111 4th Avenue,
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	
			2/25/2015		2/25/2015		2/25/2015		2/25/2015	
			(0-2') µg/Kg		(0-2') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,1,1-Trichloroethane	680	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,1,2,2-Tetrachloroethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,1,2-Trichloroethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,1-Dichloroethane	270	26,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,1-Dichloroethene	330	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,1-Dichloropropene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2,3-Trichlorobenzene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2,3-Trichloropropane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2,4-Trichlorobenzene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2,4-Trimethylbenzene	3,600	52,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2-Dibromo-3-chloropropane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2-Dibromomethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2-Dichlorobenzene	1,100	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2-Dichloroethane	20	3,100	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,2-Dichloropropane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,3,5-Trimethylbenzene	8,400	52,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,3-Dichlorobenzene	2,400	4,900	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,3-Dichloropropane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
1,4-Dichlorobenzene	1,800	13,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
2,2-Dichloropropane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
2-Chlorotoluene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
2-Hexanone (Methyl Butyl Ketone)			<27	27	<27	27	<27	27	<27	27
2-Isopropyltoluene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
4-Chlorotoluene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
4-Methyl-2-Pentanone			<27	27	<27	27	<27	27	<27	27
Acetone	50	100,000	16	50	6.4	50	7.1	50	<50	50
Acrylonitrile			<11	11	<11	11	<11	11	<11	11
Benzene	60	4,800	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Bromobenzene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Bromochloromethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Bromodichloromethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Bromoform			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Bromomethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Carbon Disulfide			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Carbon tetrachloride	760	2,400	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Chlorobenzene	1,100	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Chloroethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Chloroform	370	49,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Chloromethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
cis-1,2-Dichloroethene	250	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
cis-1,3-Dichloropropene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Dibromochloromethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Dibromomethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Dichlorodifluoromethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Ethylbenzene	1,000	41,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Hexachlorobutadiene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Isopropylbenzene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
m&p-Xylenes	260	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Methyl Ethyl Ketone (2-Butanone)	120	100,000	<32	32	<33	33	<33	33	<33	33
Methyl t-butyl ether (MTBE)	930	100,000	<11	11	<11	11	<11	11	<11	11
Methylene chloride	50	100,000	1.7	5.4	1.1	5.4	1.4	5.5	1.2	5.4
Naphthalene	12,000	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
n-Butylbenzene	12,000	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
n-Propylbenzene	3,900	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
o-Xylene	260	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
p-Isopropyltoluene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
sec-Butylbenzene	11,000	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Styrene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
tert-Butylbenzene	5,900	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Tetrachloroethene	1,300	19,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Tetrahydrofuran (THF)			<11	11	<11	11	<11	11	<11	11
Toluene	700	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
trans-1,2-Dichloroethene	190	100,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
trans-1,3-Dichloropropene			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
trans-1,4-dichloro-2-butene			<11	11	<11	11	<11	11	<11	11
Trichloroethene	470	21,000	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Trichlorofluoromethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Trichlorotrifluoroethane			<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Vinyl Chloride	20	900	<5.4	5.4	<5.4	5.4	<5.5	5.5	<5.4	5.4
Total BTEX Concentration			0		0		0		0	
Total VOCs Concentration			0		7.5		8.5		1.2	

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 RRSO Guidance Value

TABLE 3
5111 4th Avenue,
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	
			2/25/2015				2/25/2015				2/25/2015				2/25/2015	
			(0-2')		(4-6')		(0-2')		(4-6')		(0-2')		(4-6')		(4-6')	
			µg/Kg	RL	µg/Kg	RL	µg/Kg	RL	µg/Kg	RL	µg/Kg	RL	µg/Kg	RL	µg/Kg	RL
1,2,4,5-Tetrachlorobenzene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
1,2,4-Trichlorobenzene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
1,2-Dichlorobenzene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
1,2-Diphenylhydrazine			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
1,3-Dichlorobenzene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
1,4-Dichlorobenzene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2,4,5-Trichlorophenol			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2,4,6-Trichlorophenol			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2,4-Dichlorophenol			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2,4-Dimethylphenol			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2,4-Dinitrophenol			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
2,4-Dinitrotoluene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2,6-Dinitrotoluene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2-Chloronaphthalene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2-Chlorophenol			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2-Methylnaphthalene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2-Methylphenol (o-cresol)	330	100,000	< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
2-Nitroaniline			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
2-Nitrophenol			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
3&4-Methylphenol (m&p-cresol)	330	100,000	< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
3,3'-Dichlorobenzidine			< 3500	3,500	< 720	720	< 720	720	< 740	740	< 730	730	< 720	720	< 710	710
3-Nitroaniline			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
4,6-Dinitro-2-methylphenol			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
4-Bromophenyl phenyl ether			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
4-Chloro-3-methylphenol			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
4-Chloroaniline			< 3500	3,500	< 720	720	< 720	720	< 740	740	< 730	730	< 720	720	< 710	710
4-Chlorophenyl phenyl ether			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
4-Nitroaniline			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
4-Nitrophenol			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
Acenaphthene	20,000	100,000	< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Acenaphthylene	100,000	100,000	690	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Acetophenone			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Aniline			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
Anthracene	100,000	100,000	2,600	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Benz(a)anthracene	1,000	1,000	21,000	2,500	< 250	250	170	250	< 260	260	< 260	260	< 250	250	< 250	250
Benzidine			< 3500	3,500	< 720	720	< 720	720	< 740	740	< 730	730	< 720	720	< 710	710
Benzo(a)pyrene	1,000	1,000	21,000	2,500	< 250	250	140	250	< 260	260	< 260	260	< 250	250	< 250	250
Benzo(b)fluoranthene	1,000	1,000	22,000	2,500	< 250	250	180	250	< 260	260	< 260	260	< 250	250	< 250	250
Benzo(ghi)perylene	100,000	100,000	18,000	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Benzo(k)fluoranthene	800	3,900	7,700	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Benzoic acid			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
Benzyl butyl phthalate			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Bis(2-chloroethoxy)methane			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Bis(2-chloroethyl)ether			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Bis(2-chloroisopropyl)ether			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Bis(2-ethylhexyl)phthalate			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Carbazole			< 8800	8,800	< 1800	1,800	< 1800	1,800	< 1900	1,900	< 1800	1,800	< 1800	1,800	< 1800	1,800
Chrysene	1,000	3,900	21,000	2,500	< 250	250	160	250	< 260	260	120	260	< 250	250	< 250	250
Dibenz(a,h)anthracene	330	330	< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Dibenzofuran	7,000	59,000	< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Diethyl phthalate			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Dimethylphthalate			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Di-n-butylphthalate			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Di-n-octylphthalate			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Fluoranthene	100,000	100,000	25,000	1,200	< 250	250	360	250	< 260	260	250	260	< 250	250	< 250	250
Fluorene	30,000	100,000	< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Hexachlorobenzene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Hexachlorobutadiene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Hexachlorocyclopentadiene			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Hexachloroethane			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Indeno(1,2,3-cd)pyrene	500	500	14,000	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Isophorone			< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Naphthalene	12,000	100,000	< 1200	1,200	< 250	250	< 250	250	< 260	260	< 260	260	< 250	250	< 250	250
Nitrobenzene			< 1200	1,200	< 250	250	<									

TABLE 4
 5111 4th Avenue,
 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	
			2/25/2015		2/25/2015		2/25/2015		2/25/2015	
			(0-2') µg/Kg		(0-2') µg/Kg		(0-2') µg/Kg		(4-6') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	3.3	13,000	< 21	21	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1
4,4' -DDE	3.3	8,900	< 21	21	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1
4,4' -DDT	3.3	7,900	< 21	21	< 2.2	2.2	< 2.1	2.1	< 2.1	2.1
a-BHC	20	480	< 35	35	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
a-Chlordane	94	4,200	< 35	35	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5
Aldrin	5	97	10	10	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5
b-BHC	36	360	< 35	35	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Chlordane			< 350	350	< 36	36	< 36	36	< 35	35
d-BHC	40	100,000	< 35	35	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Dieldrin	5	200	< 10	10	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5
Endosulfan I	2,400	24,000	< 70	70	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Endosulfan II	2,400	24,000	< 70	70	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Endosulfan sulfate	2,400	24,000	< 70	70	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Endrin	14	11,000	< 35	35	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Endrin aldehyde			< 70	70	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Endrin ketone			< 70	70	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
g-BHC			< 14	14	< 1.4	1.4	< 1.4	1.4	< 1.4	1.4
g-Chlordane			< 35	35	< 3.6	3.6	< 3.6	3.6	< 3.5	3.5
Heptachlor	42	2,100	< 35	35	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Heptachlor epoxide			< 70	70	< 7.2	7.2	< 7.1	7.1	< 7.0	7.0
Methoxychlor			< 350	350	< 36	36	< 36	36	< 35	35
Toxaphene			< 1400	1,400	< 140	140	< 140	140	< 140	140
PCB-1016	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1221	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1232	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1242	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1248	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1254	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1260	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1262	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35
PCB-1268	100	1,000	< 35	35	< 36	36	< 36	36	< 35	35

Notes:

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

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

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

TABLE 5
5111 4th Avenue,
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	
			2/25/2015				2/25/2015				2/25/2015				2/25/2015	
			(0-2')		(4-6')		(0-2')		(4-6')		(0-2')		(4-6')		(4-6')	
			µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			9,870	35	7,620	33	4,910	32	10,100	37	5,780	37	5,020	34	6,220	39
Antimony			< 1.7	1.7	< 1.7	1.7	< 1.6	1.6	< 1.8	1.8	< 1.8	1.8	< 1.7	1.7	< 1.9	1.9
Arsenic	13	16	2.4	0.7	1.9	0.7	2.3	0.6	4.4	0.7	2.4	0.7	1.9	0.7	3	0.8
Barium	350	350	105	0.7	45.2	0.7	34.3	0.6	46.4	0.7	46.3	0.7	40.4	0.7	41.6	0.8
Beryllium	7.2	14	0.47	0.28	0.45	0.27	0.43	0.26	0.46	0.30	0.52	0.29	0.37	0.27	0.34	0.31
Cadmium	2.5	2.5	< 0.35	0.35	< 0.33	0.33	0.14	0.32	< 0.37	0.37	0.17	0.37	< 0.34	0.34	< 0.39	0.39
Calcium			11,500	35	1,390	3.3	6,120	3.2	3,790	3.7	8,430	3.7	1,570	3.4	1,130	3.9
Chromium	30	180	24.7	0.35	16.6	0.33	15.8	0.32	13.6	0.37	19.1	0.37	14.5	0.34	12	0.39
Cobalt			8.88	0.35	7.08	0.33	6.53	0.32	6.38	0.37	7.15	0.37	6	0.34	5.18	0.39
Copper	50	270	19.1	0.35	16.5	0.33	14.2	0.32	12.4	0.37	12.4	0.37	12.5	0.34	70.2	0.39
Iron			17,500	35	15,000	33	14,100	32	17,800	37	13,400	37	12,000	34	12,300	39
Lead	63	400	11	0.7	11	0.7	11.8	0.6	39.7	0.7	10.9	0.7	5.3	0.7	72.3	0.8
Magnesium			4,920	3.5	2,770	3.3	2,860	3.2	1,940	3.7	4,160	3.7	2,440	3.4	1,780	3.9
Manganese	1,600	2,000	286	3.5	314	3.3	267	3.2	245	3.7	443	3.7	285	3.4	221	3.9
Mercury	0.18	0.81	0.03	0.03	0.15	0.03	< 0.03	0.03	0.08	0.03	< 0.03	0.03	< 0.03	0.03	1.53	0.03
Nickel	30	140	22.9	0.35	18.6	0.33	16.1	0.32	12.1	0.37	21.5	0.37	16	0.34	14.4	0.39
Potassium			3,450	7	1,600	7	1,530	6	717	7	1,450	7	1,180	7	785	8
Selenium	3.9	36	< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.5	1.5	< 1.5	1.5	< 1.3	1.3	< 1.6	1.6
Silver	2	36	< 0.35	0.35	< 0.33	0.33	< 0.32	0.32	< 0.37	0.37	< 0.37	0.37	< 0.34	0.34	< 0.39	0.39
Sodium			223	7	99	7	144	6	77	7	207	7	127	7	96	8
Thallium			< 1.4	1.4	< 1.3	1.3	< 1.3	1.3	< 1.5	1.5	< 1.5	1.5	< 1.3	1.3	< 1.6	1.6
Vanadium			33.2	0.3	26	0.3	18.9	0.3	20.5	0.4	23.2	0.4	21.4	0.3	18.1	0.4
Zinc	109	2,200	44.3	0.7	31.1	0.7	28.9	0.6	31.5	0.7	33.5	0.7	26.1	0.7	51.7	0.8

Notes:

RL - Reporting Limit

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

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

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

TABLE 6
5111 4th Avenue,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m ³) ^(a)	NYSDOH Soil Outdoor Background Levels (µg/m ³) ^(b)	SG-1		SG-2		SG-3	
			2/26/2015 (µg/m ³)		2/26/2015 (µg/m ³)		2/26/2015 (µg/m ³)	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,1-Trichloroethane	100	<2.0 - 2.8	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,1,2,2-Tetrachloroethane		<1.5	<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
1,1-Dichloroethane		<1.0	<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
1,2,4-Trichlorobenzene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,2,4-Trimethylbenzene		<1.0	9.78	1.00	4.23	1.00	3.39	1.00
1,2-Dibromoethane		<1.5	<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
1,2-Dichloroethane		<1.0	<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
1,2-Dichlorotetrafluoroethane			<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3,5-Trimethylbenzene		<1.0	2.47	1.00	<1.00	1.00	<1.00	1.00
1,3-Butadiene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
1,3-Dichlorobenzene		<2.0	7.51	1.00	6.67	1.00	7.93	1.00
1,4-Dichlorobenzene		NA	<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
2-Hexanone			<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Ethyltoluene		NA	1.68	1.00	<1.00	1.00	<1.00	1.00
4-Isopropyltoluene			<1.00	1.00	<1.00	1.00	<1.00	1.00
4-Methyl-2-pentanone			<1.00	1.00	<1.00	1.00	<1.00	1.00
Acetone		NA	<1.00	1.00	17.6	1.00	31.6	1.00
Acrylonitrile			<1.00	1.00	<1.00	1.00	<1.00	1.00
Benzene		<1.6 - 4.7	1.78	1.00	1.17	1.00	2.44	1.00
Benzyl Chloride		NA	<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
Bromoform		<1.0	<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
Carbon Disulfide		NA	1.06	1.00	<1.00	1.00	3.83	1.00
Carbon Tetrachloride	5	<3.1	0.71	0.25	0.36	0.25	0.47	0.25
Chlorobenzene		<2.0	<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
Chloroform		<2.4	6.15	1.00	<1.00	1.00	44.6	1.00
Chloromethane		<1.0 - 1.4	<1.00	1.00	<1.00	1.00	<1.00	1.00
cis-1,2-Dichloroethene		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
cis-1,3-Dichloropropene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Cyclohexane		NA	<1.00	1.00	<1.00	1.00	1.58	1.00
Dibromochloromethane		<5.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
Dichlorodifluoromethane		NA	2.31	1.00	2.54	1.00	2.69	1.00
Ethanol			158	1.00	130	1.00	235	1.00
Ethyl Acetate		NA	23.5	1.00	17.7	1.00	30	1.00
Ethylbenzene		<4.3	4.56	1.00	6.21	1.00	2.83	1.00
Heptane		NA	1.81	1.00	1.33	1.00	10.7	1.00
Hexachlorobutadiene		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Hexane		<1.5	2.11	1.00	1.03	1.00	10.2	1.00
Isopropylalcohol		NA	191	1.00	158	1.00	297	1.00
Isopropylbenzene			<1.00	1.00	<1.00	1.00	<1.00	1.00
Xylene (m&p)		<4.3	18.2	1.00	24.8	1.00	10.8	1.00
Methyl Ethyl Ketone			5.95	1.00	3.68	1.00	6.99	1.00
MTBE		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Methylene Chloride		<3.4	1.32	1.00	<1.00	1.00	<1.00	1.00
n-Butylbenzene			1.44	1.00	<1.00	1.00	<1.00	1.00
Xylene (o)		<4.3	6.42	1.00	7.46	1.00	3.59	1.00
Propylene		NA	1.57	1.00	<1.00	1.00	3.1	1.00
sec-Butylbenzene			<1.00	1.00	<1.00	1.00	<1.00	1.00
Styrene		<1.0	<1.00	1.00	<1.00	1.00	<1.00	1.00
Tetrachloroethene	100		1.38	0.25	1.31	0.25	0.7	0.25
Tetrahydrofuran		NA	<1.00	1.00	<1.00	1.00	<1.00	1.00
Toluene		1.0 - 6.1	6.4	1.00	6.14	1.00	6.21	1.00
trans-1,2-Dichloroethene		NA	<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
Trichloroethene	5	<1.7	0.36	0.25	<0.25	0.25	<0.25	0.25
Trichlorofluoromethane		NA	1.12	1.00	1.24	1.00	1.34	1.00
Trichlorotrifluoroethane			<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
BTEX			37.36		45.78		25.87	
Total VOCs			460.03		391.47		716.99	

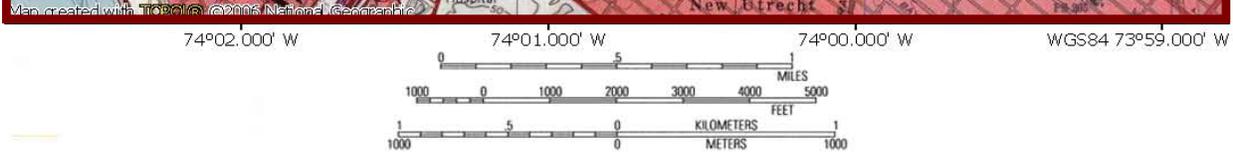
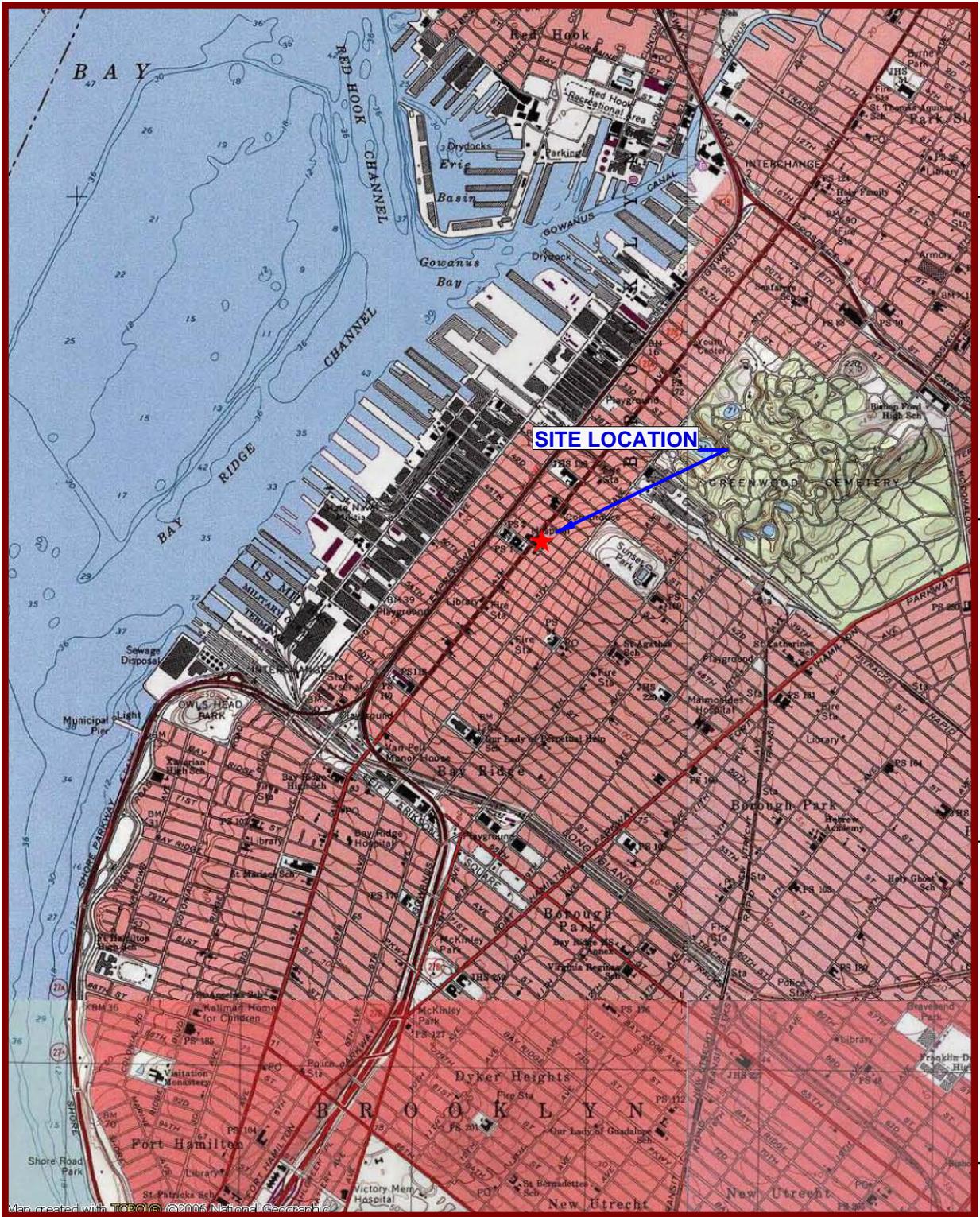
Notes:

NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

FIGURES



USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet



ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

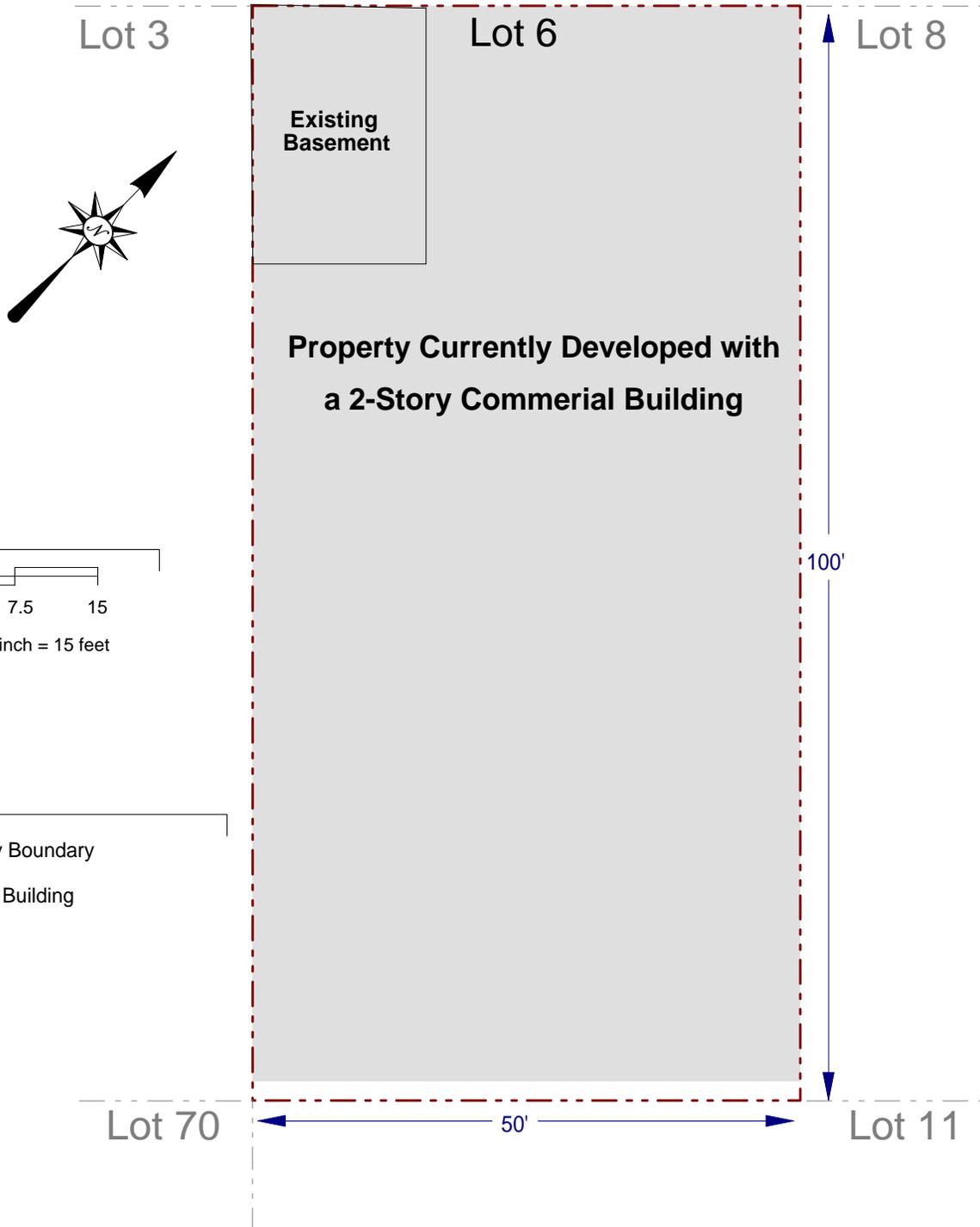
**5111 4TH AVENUE, BROOKLYN NY
BLOCK 799 LOT 6**

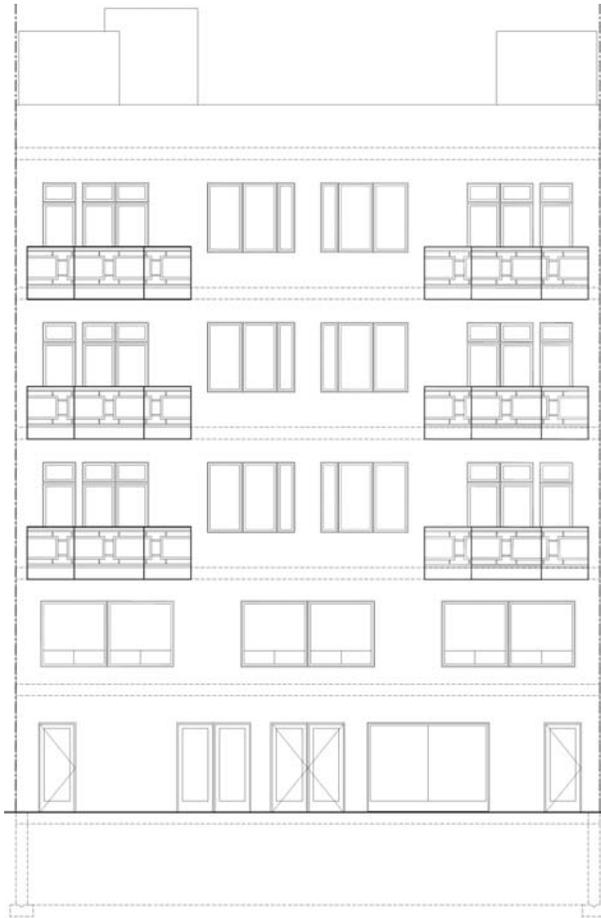
FIGURE 1

SITE LOCATION MAP

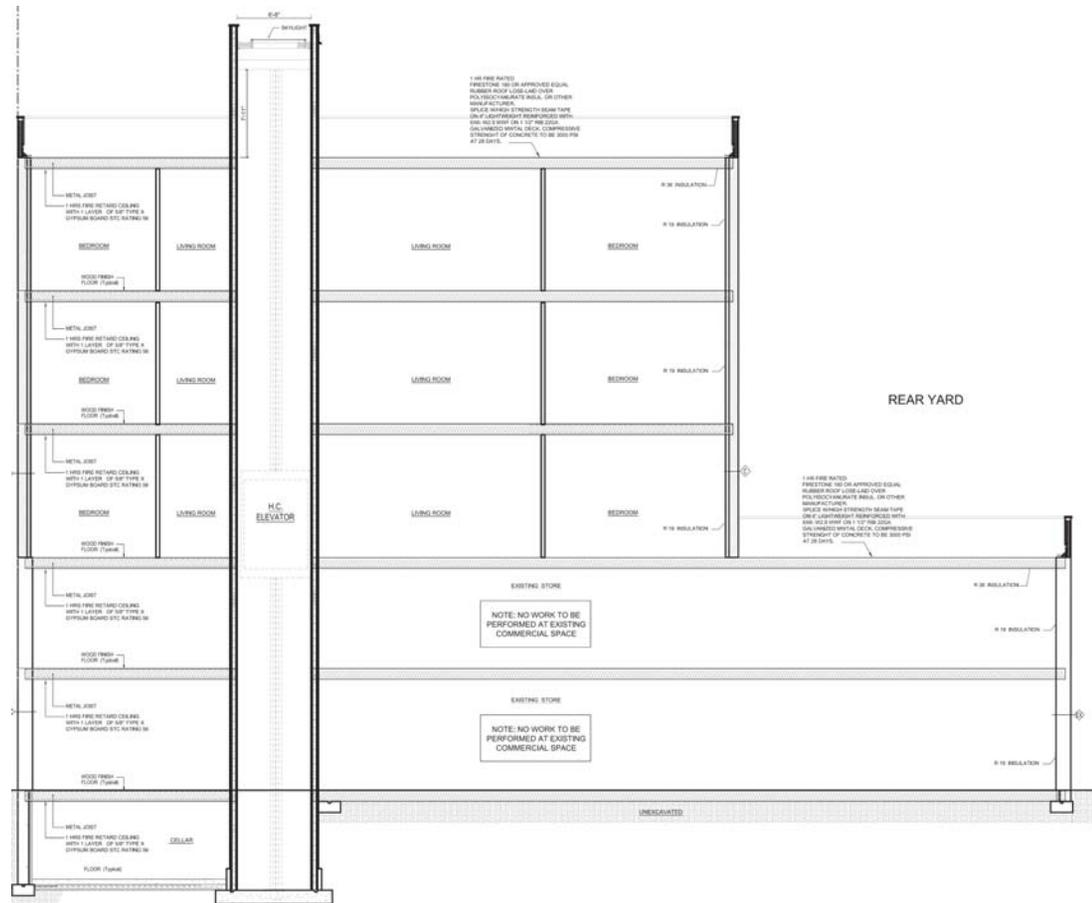
4TH AVENUE

SIDEWALK





FRONT VIEW



SIDE VIEW

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS

Phone 631.504.6000
Fax 631.924.2870

Figure No.
3

Site Name: **BUILDING CONVERSION**
Site Address: **5111 4TH AVENUE, BROOKLYN, NY**
Drawing Title: **REDEVELOPMENT PLAN**

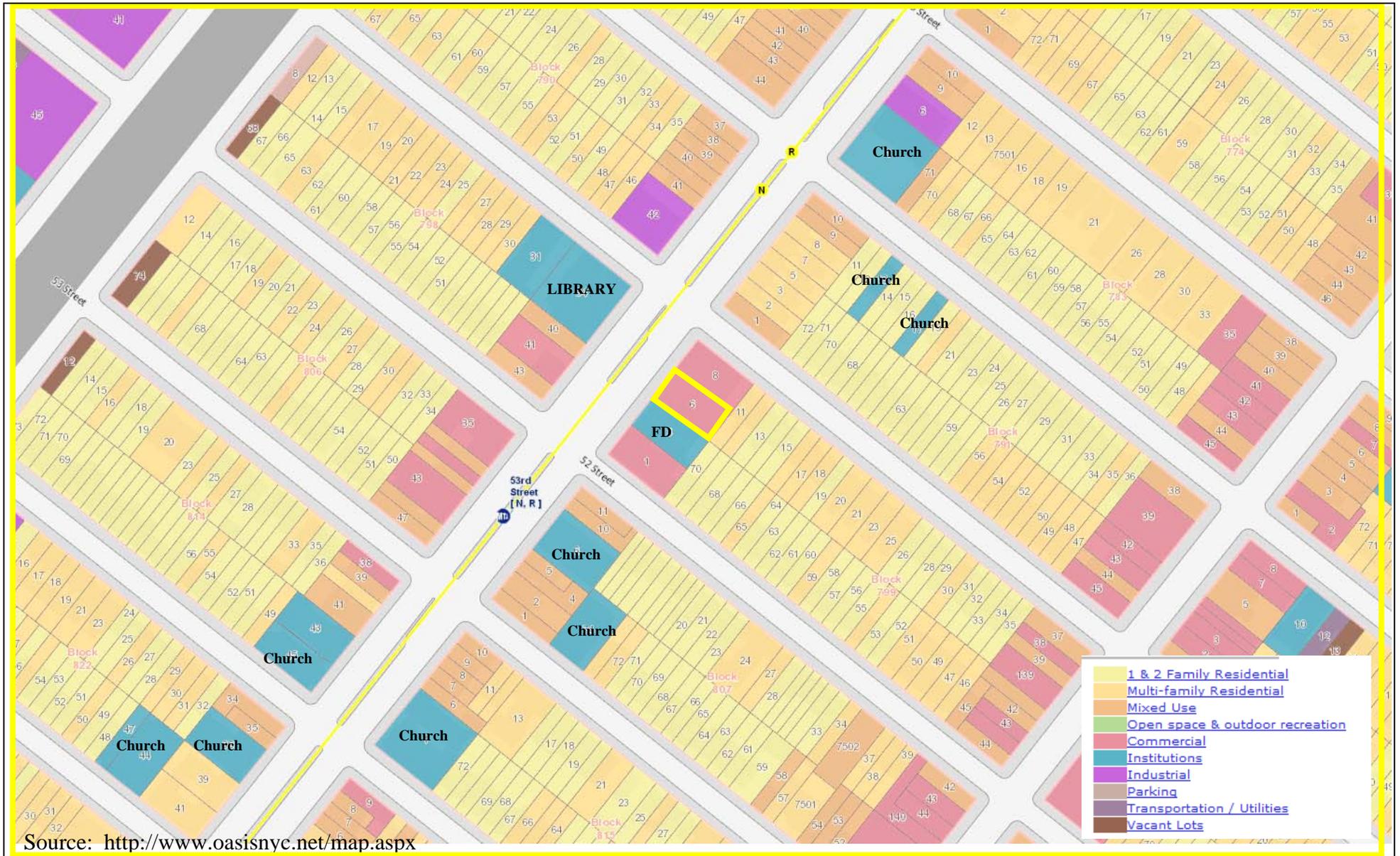


FIGURE 4 SURROUNDING LAND USE MAP

5111 4th AVENUE, BROOKLYN NY

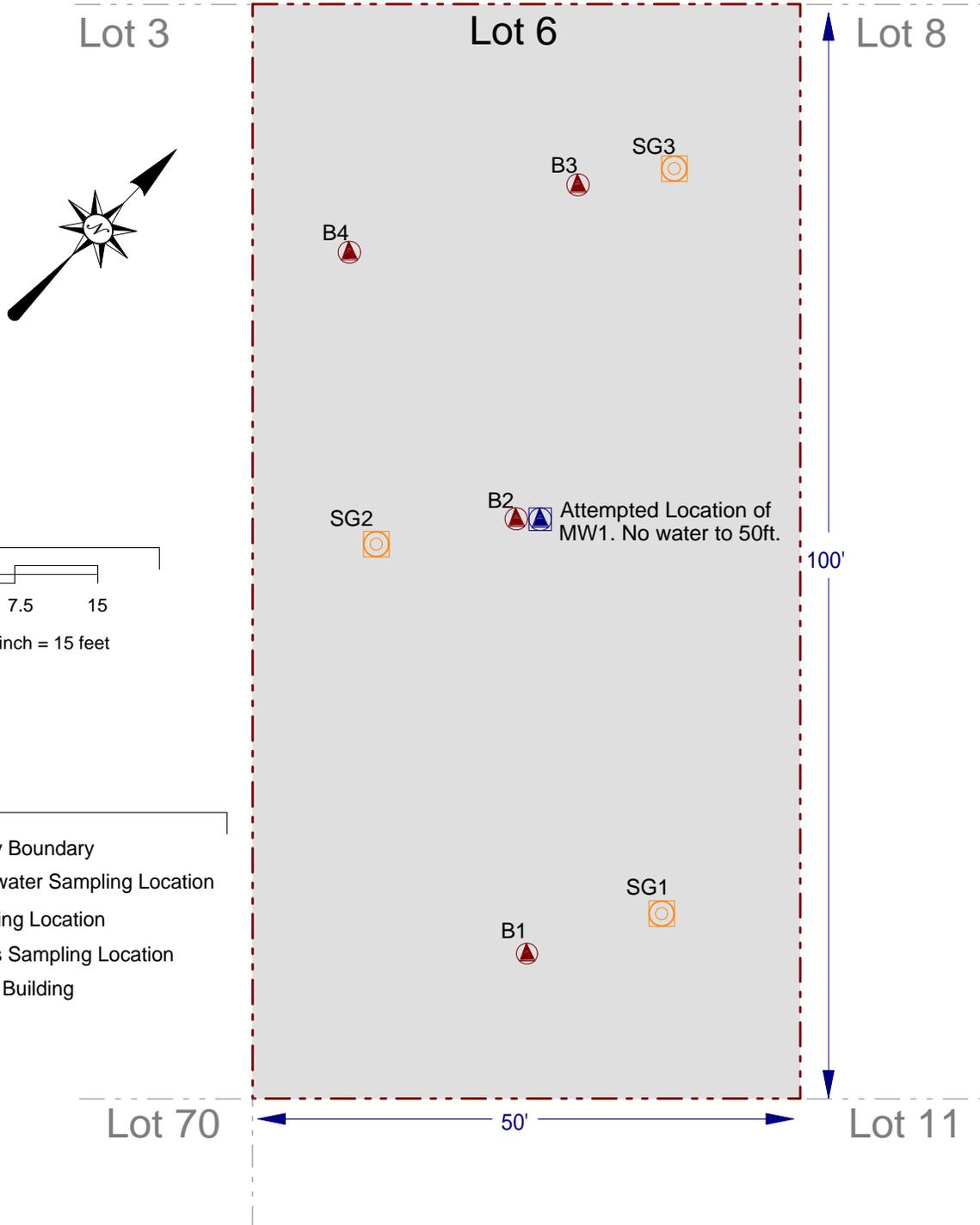
HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

EBC

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

4TH AVENUE

SIDEWALK



4TH AVENUE

SIDEWALK

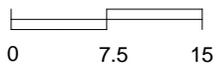
Lot 3

Lot 6

Lot 8



SCALE:

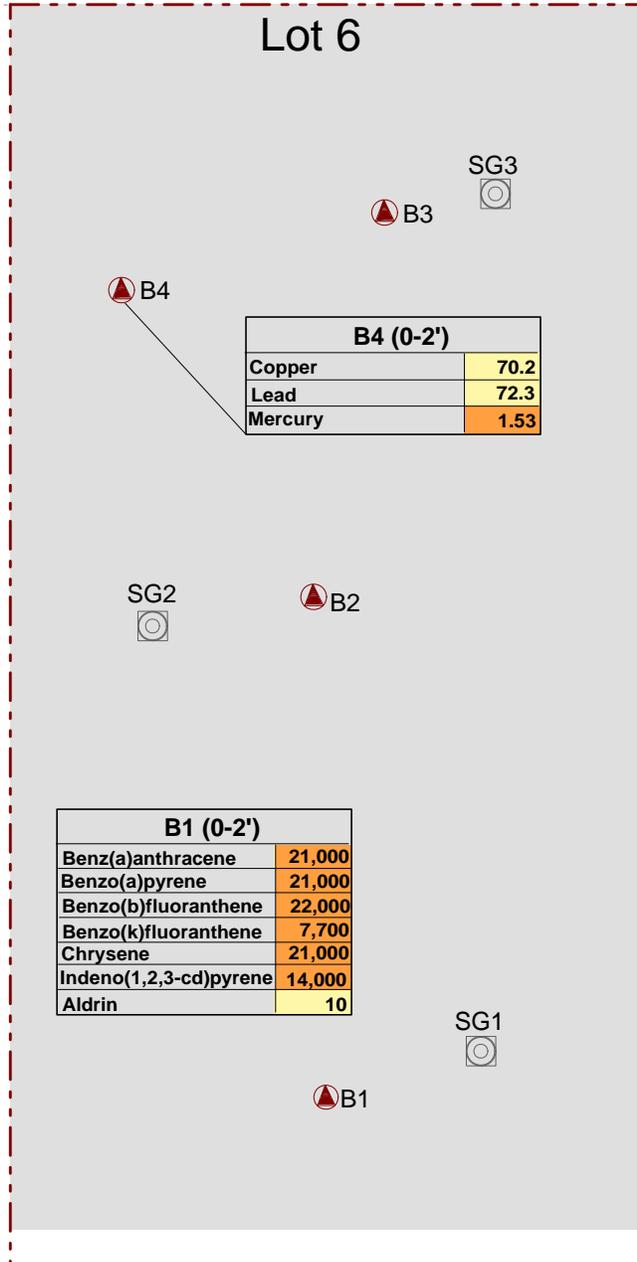


Scale: 1 inch = 15 feet

KEY:

- Property Boundary
- Soil Boring Location
- Soil Gas Sampling Location
- Existing Building
- Exceedence of Restricted Residential SCO
- Exceedence of Unrestricted Use SCO

VOCs/SVOCs/Pesticides	ppb
Metals	ppm



B4 (0-2')	
Copper	70.2
Lead	72.3
Mercury	1.53

B1 (0-2')	
Benzo(a)anthracene	21,000
Benzo(a)pyrene	21,000
Benzo(b)fluoranthene	22,000
Benzo(k)fluoranthene	7,700
Chrysene	21,000
Indeno(1,2,3-cd)pyrene	14,000
Aldrin	10

Lot 70

Lot 11



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Figure No.
6

Site Name: **REDEVELOPMENT PROJECT**
Site Address: **5111 4TH AVENUE, BROOKLYN, NY**
Drawing Title: **SOIL EXCEEDENCES MAP**

SG3

4TH AVENUE
SIDEWALK

1,2,4-Trimethylbenzene	3.39
1,3-Dichlorobenzene	7.93
Acetone	31.6
Benzene	2.44
Carbon Disulfide	3.83
Carbon Tetrachloride	0.47
Chloroform	44.6
Cyclohexane	1.58
Dichlorodifluoromethane	2.69
Ethanol	235
Ethyl Acetate	30
Ethylbenzene	2.83
Heptane	10.7
Hexane	10.2
Isopropylalcohol	297
Xylene (m&p)	10.8
Methyl Ethyl Ketone	6.99
Xylene (o)	3.59
Propylene	3.1
Tetrachloroethene	0.7
Toluene	6.21
Trichlorofluoromethane	1.34



Lot 8

SG1

1,2,4-Trimethylbenzene	9.78
1,3,5-Trimethylbenzene	2.47
1,3-Dichlorobenzene	7.51
4-Ethyltoluene	1.68
Benzene	1.78
Carbon Disulfide	1.06
Carbon Tetrachloride	0.71
Chloroform	6.15
Dichlorodifluoromethane	2.31
Ethanol	158
Ethyl Acetate	23.5
Ethylbenzene	4.56
Heptane	1.81
Hexane	2.11
Isopropylalcohol	191
Xylene (m&p)	18.2
Methyl Ethyl Ketone	5.95
Methylene Chloride	1.32
n-Butylbenzene	1.44
Xylene (o)	6.42
Propylene	1.57
Tetrachloroethene	1.38
Toluene	6.4
Trichloroethene	0.36
Trichlorofluoromethane	1.12

SG2

1,2,4-Trimethylbenzene	4.23
1,3-Dichlorobenzene	6.67
Acetone	17.6
Benzene	1.17
Carbon Tetrachloride	0.36
Dichlorodifluoromethane	2.54
Ethanol	130
Ethyl Acetate	17.7
Ethylbenzene	6.21
Heptane	1.33
Hexane	1.03
Isopropylalcohol	158
Xylene (m&p)	24.8
Methyl Ethyl Ketone	3.68
Xylene (o)	7.46
Tetrachloroethene	1.31
Toluene	6.14
Trichlorofluoromethane	1.24

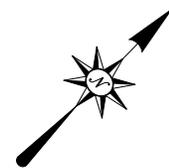
SCALE:



Scale: 1 inch = 15 feet

KEY:

- Property Boundary
- Soil Boring Location
- Soil Gas Sampling Location
- Existing Building



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Figure No.
7

Site Name: **REDEVELOPMENT PROJECT**
Site Address: **5111 4TH AVENUE, BROOKLYN, NY**
Drawing Title: **SOIL VAPOR DETECTIONS**

ATTACHMENT A
PHASE I REPORT

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT REPORT**

**MMB 4 AVE, LLC PROPERTY
5107-5111 FOURTH AVENUE
BROOKLYN, NEW YORK 11220**

**TEAM ENVIRONMENTAL
CONSULTANTS, INC.
30 INDUSTRIAL DRIVE
MIDDLETOWN, NEW YORK
(845) 692-8124**

SEPTEMBER 29, 2014

1.0 EXECUTIVE SUMMARY

Team Environmental Consultants, Inc. (TEAM), was authorized by Sterling National Bank to conduct a Phase I Environmental Site Assessment (ESA) of a commercial property located at 5107-5111 Fourth Avenue in the New York City Borough of Brooklyn, New York. TEAM's Phase I ESA was conducted in general conformance with ASTM Practice E 1527-13 (Standard Practice for Phase I ESA Process) guidelines. The objective of this effort was to identify significant environmental impairments and liabilities associated with the subject property. The requested scope of work included the following main tasks: 1) Review of readily available historical and regulatory information; 2) Performance of site interviews and a walk-through property inspection; 3) Review of a federal and state environmental database report; and 4) Documentation of findings in a Phase I ESA report.

Based on the property setting and continued commercial site use, availability of a municipal water supply, review of available information, performance of Phase I ESA interviews, and findings of the property walk-through inspection, no significant and immediate environmental liability issues or "recognized environmental conditions" associated with the subject property were identified.

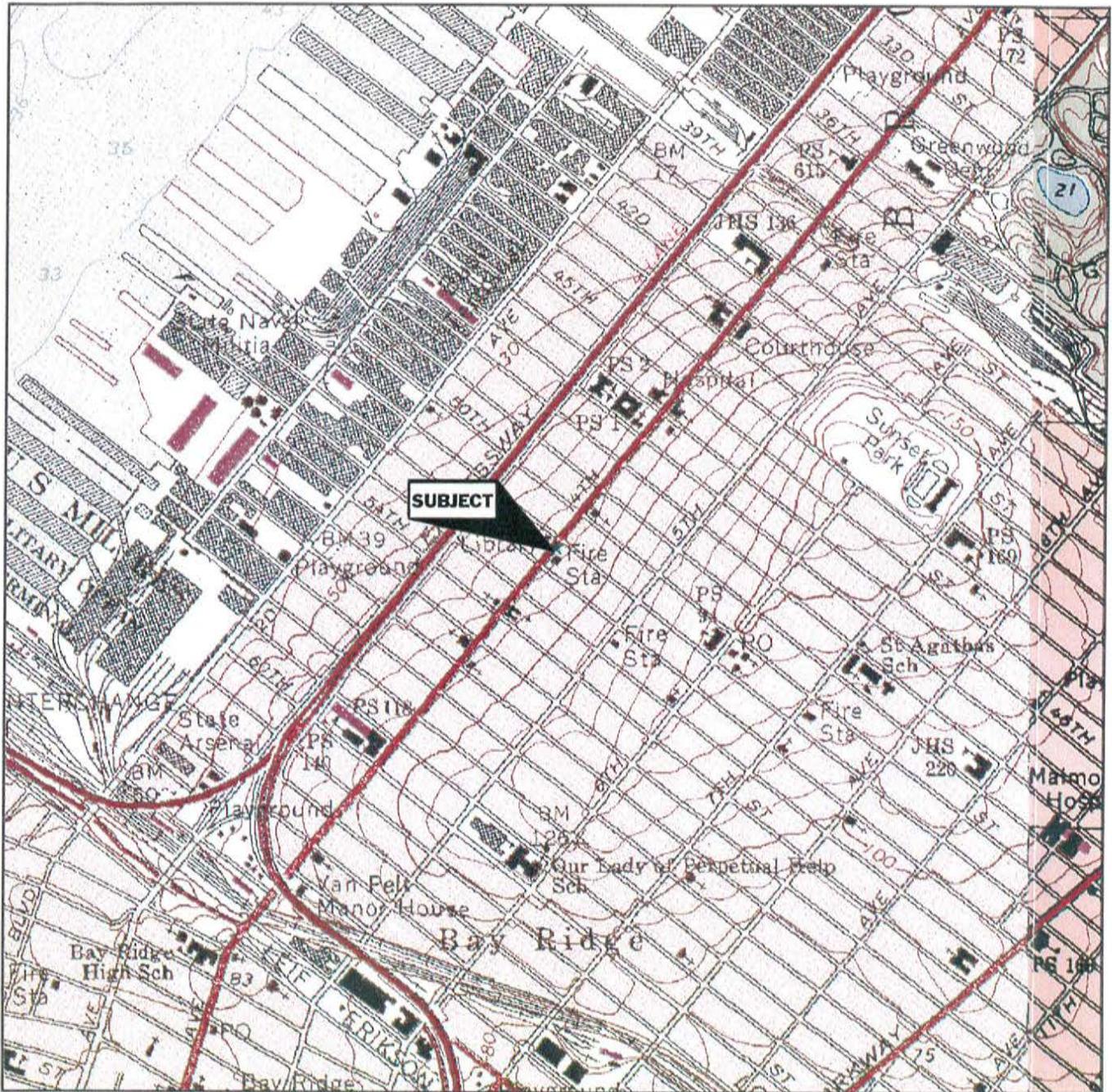
2.0 PROPERTY DESCRIPTION

2.1 Site Description

The subject property is located along the southeastern side of Fourth Avenue, approximately 700-feet southeast of the Gowanus Expressway (Interstate Route 278), in the Borough of Brooklyn (Sunset Park), City and State of New York (Figures 1 and 2). The site is situated within an urban mixed-use setting and is bordered to the northeast by a Chase Bank branch office and 51st Street, to the southeast by residential properties found along 51st Street, to the southwest by a New York City Fire Department facility (Battalion 40/Engine 201/Ladder 114), and to the northwest by Fourth Avenue and a Brooklyn Public Library building. The site topography is generally level and at grade with Fourth Avenue. Photographs obtained during the performance of the property walk-through inspection are presented in Attachment A.

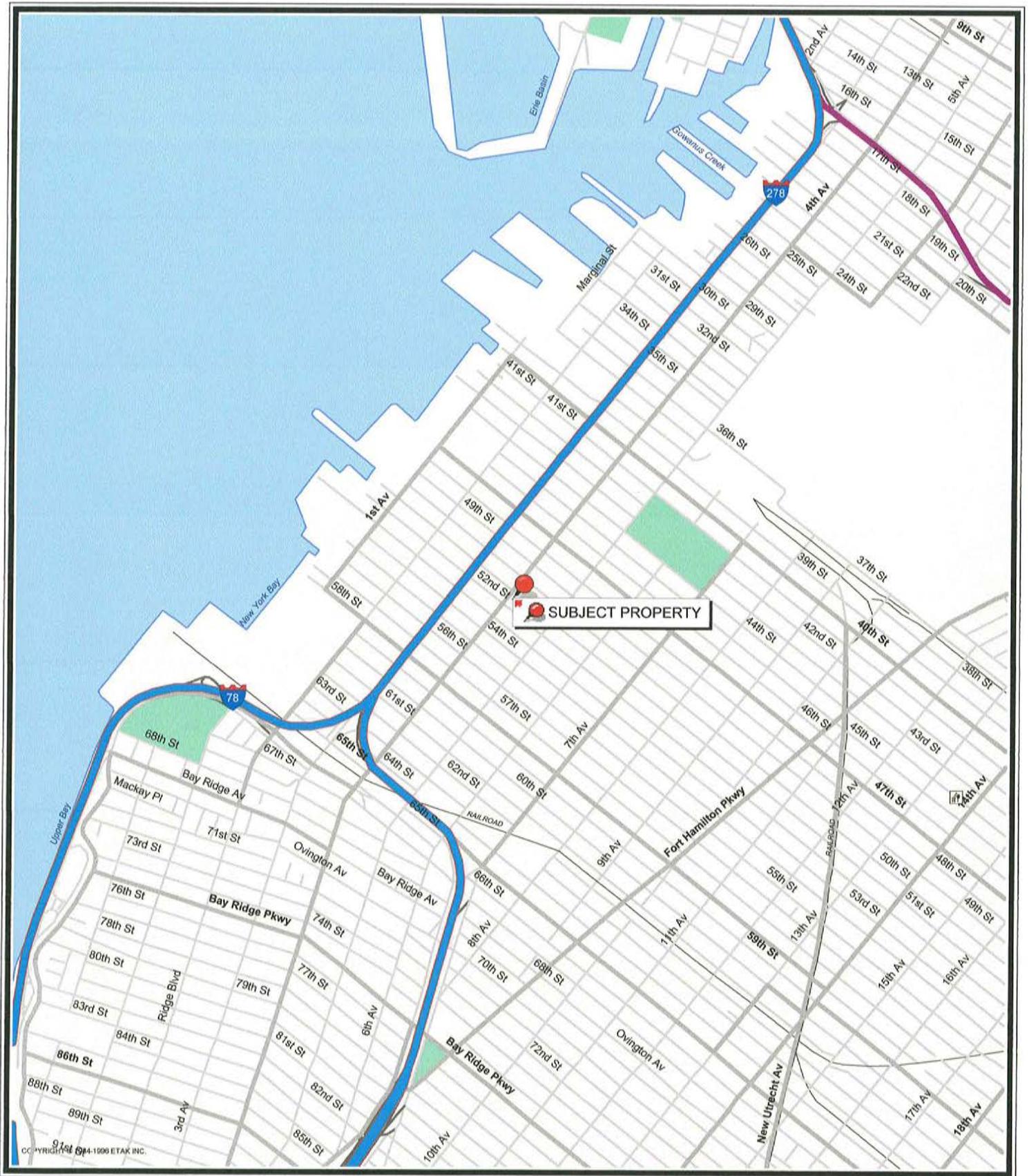
The rectangular shaped 0.11-acre (~50' x 100') property is improved with a two-story (with partial unfinished basement) steel framed masonry block structure which houses a property owner operated retail/wholesale bead and jewelry component sales and distribution business (Mode International). According to City of New York Building Department records, the structure has an area of ~9,500-ft² (~50' x 95' footprint) and was built circa-1900. The ground floor houses a product warehouse, office area, and shipping/receiving department. Located on the second floor

FIGURE 1 – SITE LOCATION MAP



USGS TOPOGRAPHIC MAP
7.5 MINUTE SERIES – JULY 1992
BROOKLYN, NEW YORK

FIGURE 2 - PROPERTY LOCATOR MAP



level are administrative and sales offices, product display rooms, conference/meeting room, kitchenette areas, storage sections, and restroom facilities. The partial basement (~20' x 20') is accessed from the Fourth Avenue sidewalk and contains unused storage space, electrical meter and panels, and utility service connections. No elevator service or onsite vehicle parking areas are provided. It is TEAM's understanding that following the relocation of the Mode International business, the building interior will be renovated to house a property management business. No formal site improvement plans were available for review.

The potable water supply and sanitary waste treatment service are provided by the City of New York (New York City Department of Environmental Protection). According to site interviews, facility heating and cooling are provided by roof mounted natural gas fired equipment. Electrical service and natural gas are supplied to the area by National Grid. No site or regulatory information concerning the current or former onsite presence of any underground petroleum storage tanks (USTs) was available (confirmed by property owner representative, Nate Klein). Non-hazardous solid waste is removed for offsite disposal by the City of New York. Utility service connections are located underground.

2.2 Site History

An on-line New York City Department of Finance Database indicates the subject property (City of New York Block 799, Lot 6) to have been acquired by MMB 4 Ave, LLC in October of 2005. Former property owners have reportedly included Arias 4001 Furniture Corp. (2004-2005), Maria Gonzalez and Carmen Olivencia (2004), City of New York/Commissioner of Finance (1986-2004), Carmelo Valentin (1976-1986), and Goldsam Holding Corp. (?-1975). No previously conducted title searches, documentation detailing historic property ownership, or contact information for former property owners was available. None of the owners on record appear to have been an industrial concern that would be expected to have used the property for the manufacturing, storage, or disposal of hazardous materials.

An 1888 Sanborn Fire Insurance Map (Section 2.5) identified the subject and adjoining properties to be undeveloped. The property was illustrated on a 1906 map to house a two-story building operated as Bay Ridge Dairy Company. Fire insurance maps from 1926-2007 noted the building to contain two first floor retail/commercial tenancies (printing business found onsite in 1926). An on-line City of New York Building Department Database indicated the issuance of Certificates of Occupancy in March 1925 (first floor stores and second floor pool parlor), September 1939 (ground floor store, restaurant, and cabaret, and second floor bowling alleys), and December 1944 (ground floor store, restaurant, and cabaret, and second floor billiard parlor). According to site interviews, the building housed a retail furniture store at the time of property purchase in

2005. No site or regulatory information as to historic use of the subject parcel for industrial or manufacturing purposes (i.e., activities expected to have routinely produced regulated hazardous materials or waste products) was available.

2.3 User Provided Information

No previously prepared title records, Phase I or II Environmental Site Assessment reports, information concerning environmental liens, property use limitations, valuation reduction based on environmental issues, or commonly known/reasonably ascertainable information that is material to recognized environmental conditions in connection with the subject site was provided to TEAM during performance of the Phase I Environmental Site Assessment.

2.4 Aerial Photograph Review

Aerial photographs of the subject property vicinity were reviewed by TEAM to assist with the evaluation of historic site use. Photographs were obtained from an on-line Google Earth (March 1995, March 2004, March 2008, June 2010, and November 2012) web site. The review of the 1994 figure was difficult due to poor image quality. All five photographs (copies found in Attachment B) identified the present day commercial structure. Neighboring properties were shown to be utilized for commercial, retail shopping, residential purposes. None of the images revealed significant site disturbances or readily apparent evidence of historic commercial, manufacturing, or industrial site use. The scale and clarity of these images precluded an in-depth inspection of the property for visual evidence of environmental impairment (e.g., aboveground petroleum storage tanks, fuel dispensing pumps, or illegal dumping).

2.5 Sanborn Fire Insurance Map Review

Sanborn Fire Insurance Maps were obtained for the Fourth Avenue property location for the years 1888, 1906, 1926, 1942, 1951, 1970, 1976, 1978, 1979, 1980, 1982, 1987, 1988, 1990, 1991, 1992, 1993, 1994, 1995, 2001, 2002, 2003, 2004, 2005, 2006, and 2007. The review of several figures (copies provided within Attachment C) were difficult due to poor map clarity. The 1888 map identified the subject and adjoining properties to be undeveloped. The site was shown on the 1906 map to be improved with a two-story building operated as Bay Ridge Dairy Company. Maps from 1926-2007 noted the building to house two first floor retail/commercial tenancies (printing business found onsite in 1926). Neighboring parcels were shown to have historically been used for retail, commercial, residential (southeast) purposes. None of the maps identified historic site use for industrial or manufacturing purposes or the presence of any underground petroleum storage tanks.

3.0 SITE INSPECTION

On September 23, 2014, TEAM conducted an inspection of accessible sections of the building and surrounding property. The authorized scope of work did not include performance of any field sampling activities (e.g., soil, asbestos, mold, or groundwater) or completion of a formal regulatory compliance audit, as it would relate to the use, storage, permitting, or disposal of regulated materials and waste products. A listing of Phase I ESA interview and information sources is presented as Attachment D.

3.1 Property Inspection

The inspection of accessible property surrounding the building revealed no unusual odors or visual evidence of significant surface stains that could be indicative of leaking petroleum storage tanks, chemical spills, or industrial waste disposal. No PCB-labeled electrical equipment, suspected underground petroleum storage tank fill ports or vent pipes, aboveground petroleum or chemical storage tanks, unmarked waste storage drums/containers, potable water supply or groundwater monitoring wells, or industrial waste storage or disposal facilities within the property confines were observed.

No surface water bodies or freshwater wetland habitat areas were observed within or adjacent to the subject property confines. This was confirmed during review of a USGS topographic map. The nearest surface water body (East River) is found approximately 3,000-feet to the northwest. The authorized scope of work did not include performance of formal wetland or flood plain delineation surveys.

3.2 Building Inspection

The inspection of accessible interior building areas (difficult due to ongoing business activities and the presence of furnishings and stored/warehoused materials) revealed no unusual odors or readily visual evidence of PCB-labeled electrical equipment, aboveground petroleum/chemical storage tanks, unmarked waste storage containers, chemical spillage or surface stains, significant peeling or chipping paint, exposed mold, or industrial waste storage areas. TEAM was informed that no hazardous waste products requiring RCRA manifesting and tracking procedures are generated as a result of current commercial site use or routine building maintenance activities. Generally good housekeeping practices were noted within inspected building areas.

No exposed suspected friable asbestos containing materials (ACM) were observed during the walk-through inspection. Based on the age of the building, ACM is likely to be associated with the subject structure. No site information concerning the performance of asbestos inspection or

abatement operations associated with historic building renovation efforts was available. The authorized Phase I ESA scope of work did not include performance of formal asbestos or lead-based paint inspection or sampling surveys.

4.0 RECORDS REVIEW AND DOCUMENTATION

4.1 Regulatory Review - NYSDEC/City of New York

The requested Phase I ESA time frame and scope of work precluded submittal of written Freedom of Information Legislation (FOIL) requests to the New York State Department of Environmental Conservation (NYSDEC) Region 2 Petroleum Bulk Storage Program, New York City Department of Environmental Protection, or City of New York Bureau of Fire Prevention.

4.2 Federal and State Environmental Database Report

TEAM has obtained an Environmental Data Resources (EDR) Site Assessment Report, which provides information concerning the target property and those sites located within any of the following Federal and State environmental databases:

- National Priority List (NPL);
- Resource Conservation and Recovery Information System (RCRIS),
Large Quantity Generators and TSD Facilities,
Small Quantity Generators and Transporters;
- New York State/Tribal Brownfield Sites (BROWNFIELD);
- New York State Spills Database (SPILLS);
- Comprehensive Environmental Response, Compensation, and Liability System (CERCLIS);
- CERCLIS "No Further Remedial Action Planned" Sites (NFRAP);
- New York State Registry of Inactive Hazardous Waste Disposal Sites (STATE);
- Emergency Response Notification System (ERNS);
- New York Leaking Storage Tanks (LUST);
- New York State DEC Voluntary Cleanup Program (VCP);
- New York Active Solid Waste Facility Register (SWL); and
- New York Registered Bulk Storage Tanks (UST/AST).

The EDR Database Report presented in Attachment E, identifies no NPL, CERCLIS, NFRAP, STATE, ERNS, SWL, VCP, or BROWNFIELD sites within the survey radius. Two LUST and twenty-two SPILLS sites are found within a one-eighth to one-quarter mile distance. The nearest of these is a SPILLS site (ConEd Manhole No. 6126) found north of the target property at the intersection of Fourth Avenue and 51st Street. The Spill Date was listed as December 21, 1999

(petroleum product identified in manhole - NYSDEC Spill No. 99-11139). The issued Spill Number was shown to have been "closed" on March 28, 2002. The closest LUST site (private dwelling) is situated approximately 450-feet to the northeast at 442 50th Street. Spill Dates were indicated as February 10, 2004 (ten-gallon No. 2 fuel oil tank overflow in basement - NYSDEC Spill No. 03-12507) and March 31, 2004 (reported tank overflow by neighbor - NYSDEC Spill No. 03-14286). The remedial status for both spill events was indicated to be "closed."

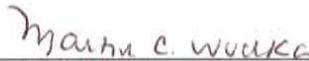
As the subject property is serviced with a municipal water supply, the proximity of EDR identified sites would not appear to impact or pose significant environmental liabilities with respect to commercial site use or water quality issues. The 5107-5111 Fourth Avenue property was not identified within any of the EDR accessed environmental databases.

5.0 CONCLUSIONS

Based on the property setting and continued commercial site use, availability of a municipal water supply, review of available information, performance of Phase I ESA interviews, and findings of the property walk-through inspection, no significant and immediate environmental liability issues or "recognized environmental conditions" associated with the 5107-5111 Fourth Avenue property were identified. No follow-up environmental site investigations are recommended at this time.

6.0 LIMITATIONS

The conclusions stated are based on the limits of the investigation described herein. TEAM can offer no assurances and assumes no responsibility for site conditions or activities which were outside the scope of the inquiry requested. It should be understood that TEAM has relied on the accuracy of documents, oral information, and other material and information provided by sources documented in this report. There can be no assurance, and TEAM offers no assurance, that site conditions do not exist or could not exist in the future which were undetected and which could lead to liability in connection with the site. Similarly, past and present activities on the site indicating potential environmental concerns may not have been discovered by TEAM's inquiries. TEAM was not authorized to perform any follow-up environmental field investigations pertaining to site observations and historic property use. The Phase I Environmental Site Assessment was prepared for reliance by Sterling National Bank.



Martin C. Wodka
President

ATTACHMENT A

SITE PHOTOLOG - SEPTEMBER 23, 2014

ATTACHMENT A – PHOTOLOG

MMB 4 AVE, LLC PROPERTY

5107-5111 FOURTH AVENUE, BROOKLYN, NEW YORK

<u>Photo No.</u>	<u>Description</u>
1	Southeastern view from Fourth Avenue towards subject structure (Mode International).
2	Northeastern view towards subject and neighboring Fourth Avenue properties.
3	Entrance to retail store area.
4	Southwestern view along Fourth Avenue sidewalk area.
5	Northeastern view along Fourth Avenue sidewalk area.
6	Sidewalk entrance to partial unfinished basement.
7	Utility panels and service connections found in basement.
8	Basement level storage area.
9	Ground floor warehouse and shipping center.
10	Ground floor office area.
11	Second floor office area.
12	Second floor product display room.
13	Second floor conference/meeting room.
14	Second floor product display room.



1



2



3



4



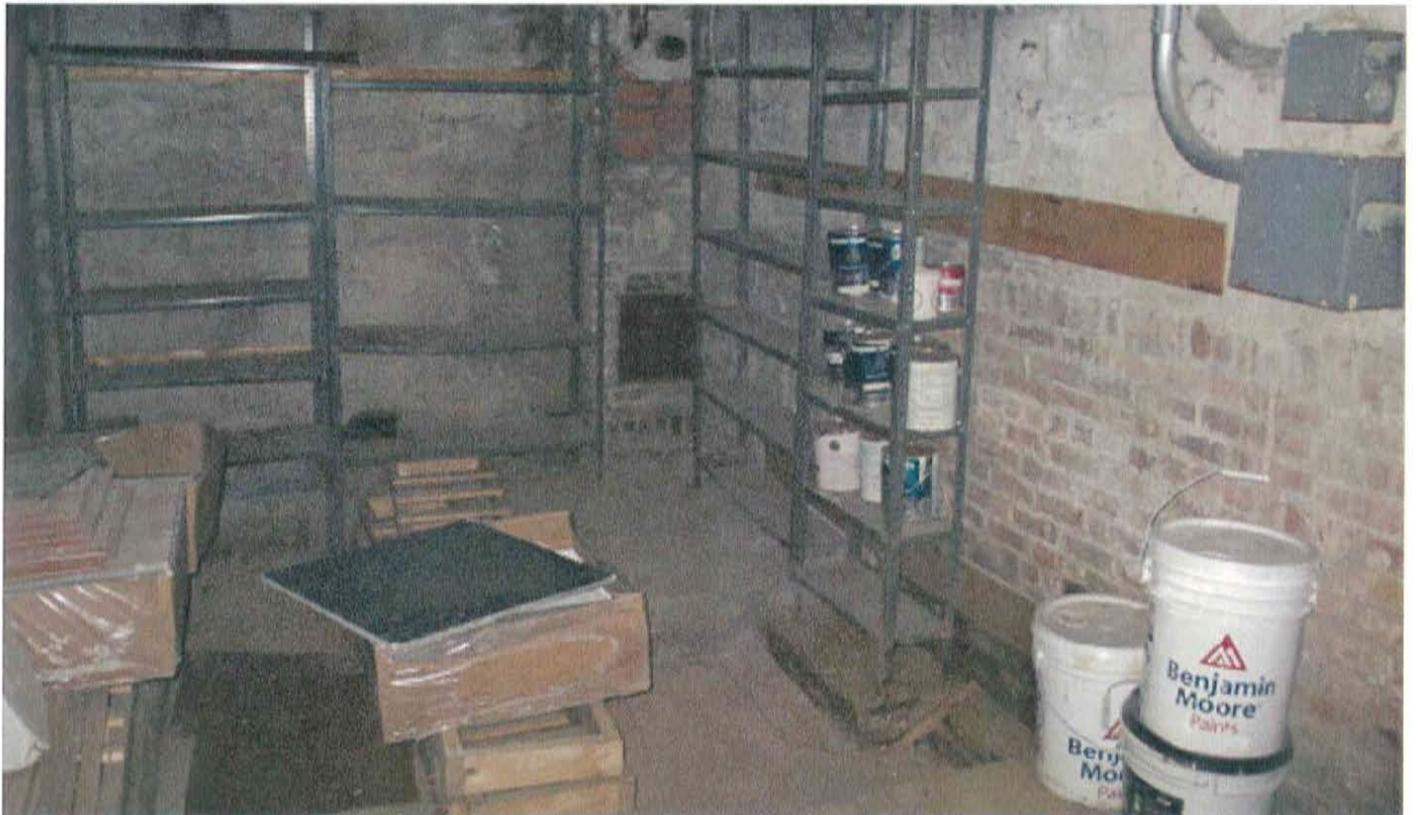
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6



7



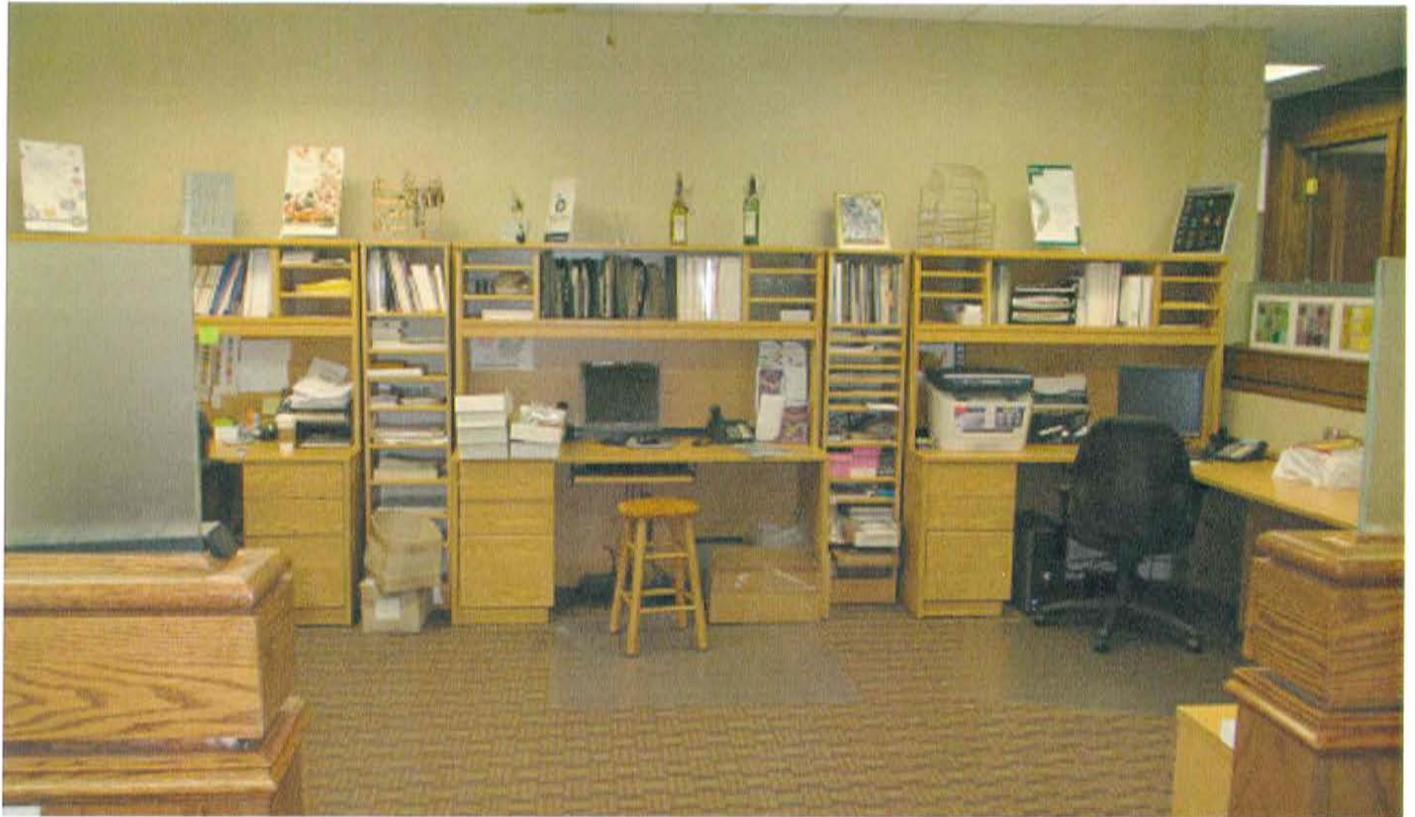
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10



11



12



13



14

ATTACHMENT B

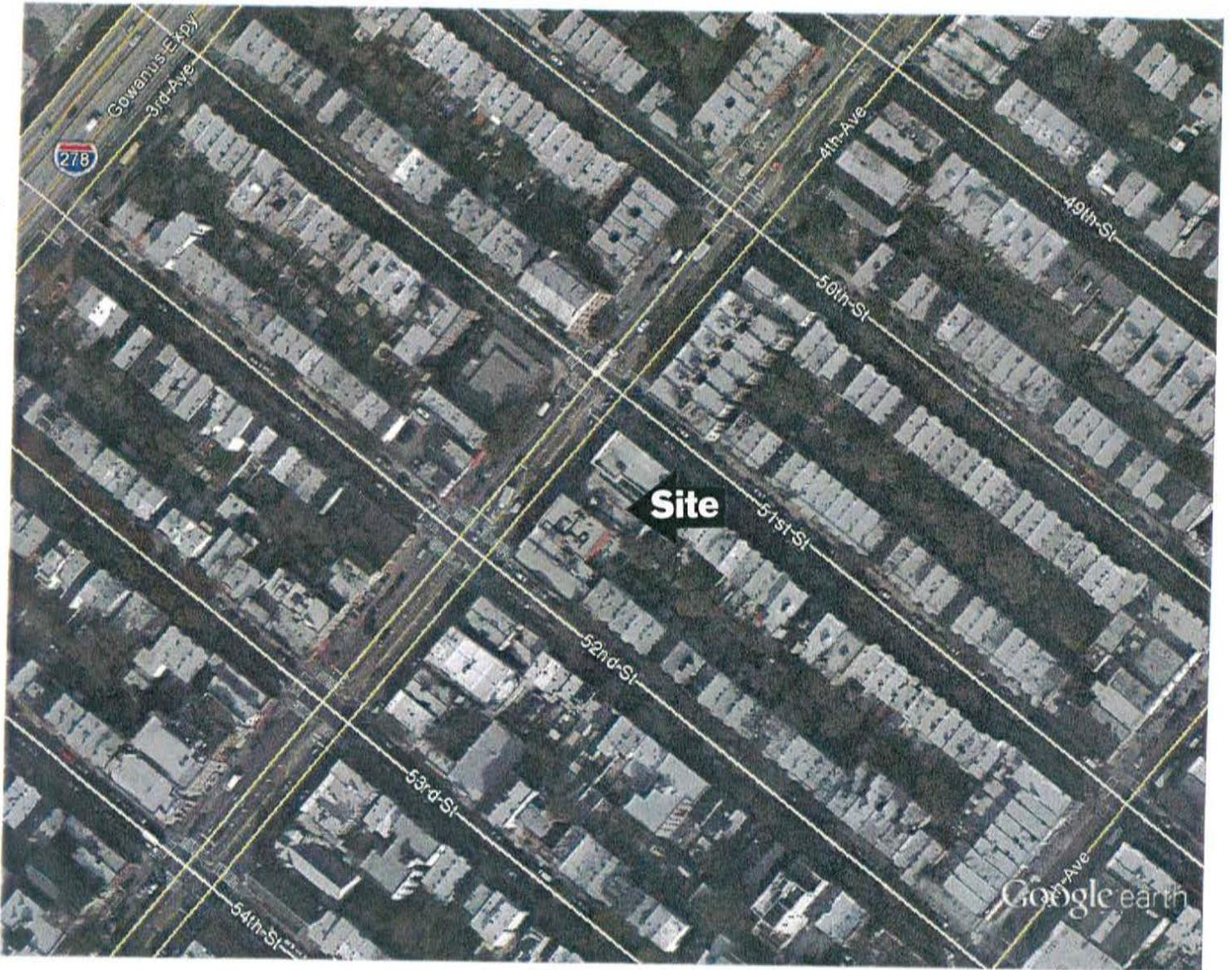
AERIAL PHOTOGRAPHS

AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH
BROOKLYN, NEW YORK – NOVEMBER 2012

AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH
BROOKLYN, NEW YORK – NOVEMBER 2012

AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH
BROOKLYN, NEW YORK – JUNE 2010

AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH
BROOKLYN, NEW YORK – MARCH 2008

AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH
BROOKLYN, NEW YORK – MARCH 2004

AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH
BROOKLYN, NEW YORK – MARCH 1995

ATTACHMENT C

SANBORN FIRE INSURANCE MAPS

5107-5111 Fourth Avenue

5107-5111 Fourth Avenue

Brooklyn, NY 11220

Inquiry Number: 4071698.5

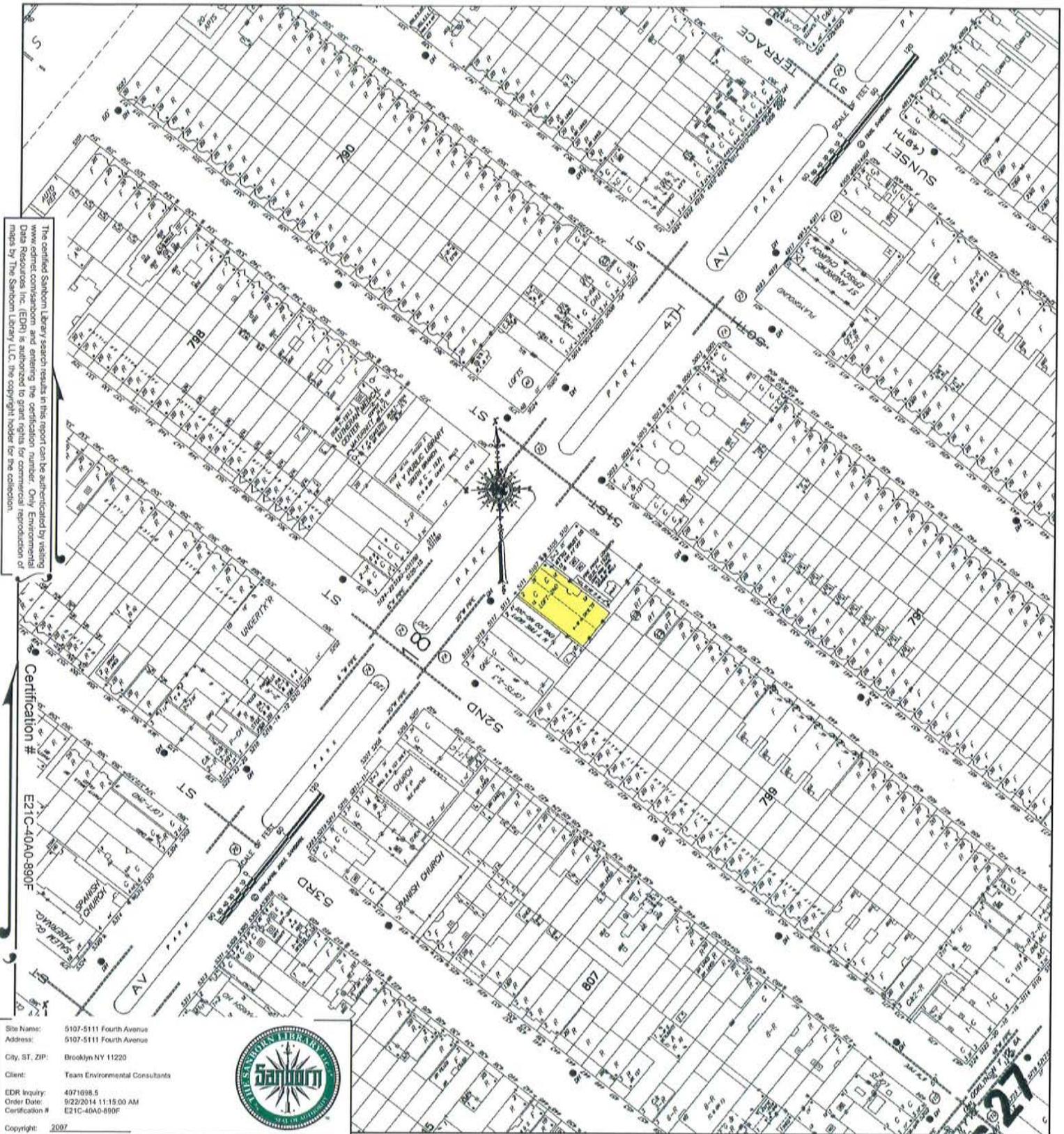
September 22, 2014

Certified Sanborn® Map Report



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2007 Certified Sanborn Map



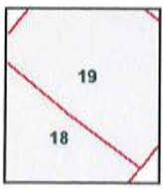
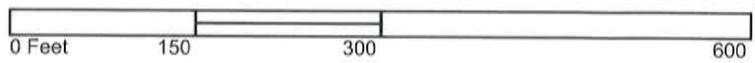
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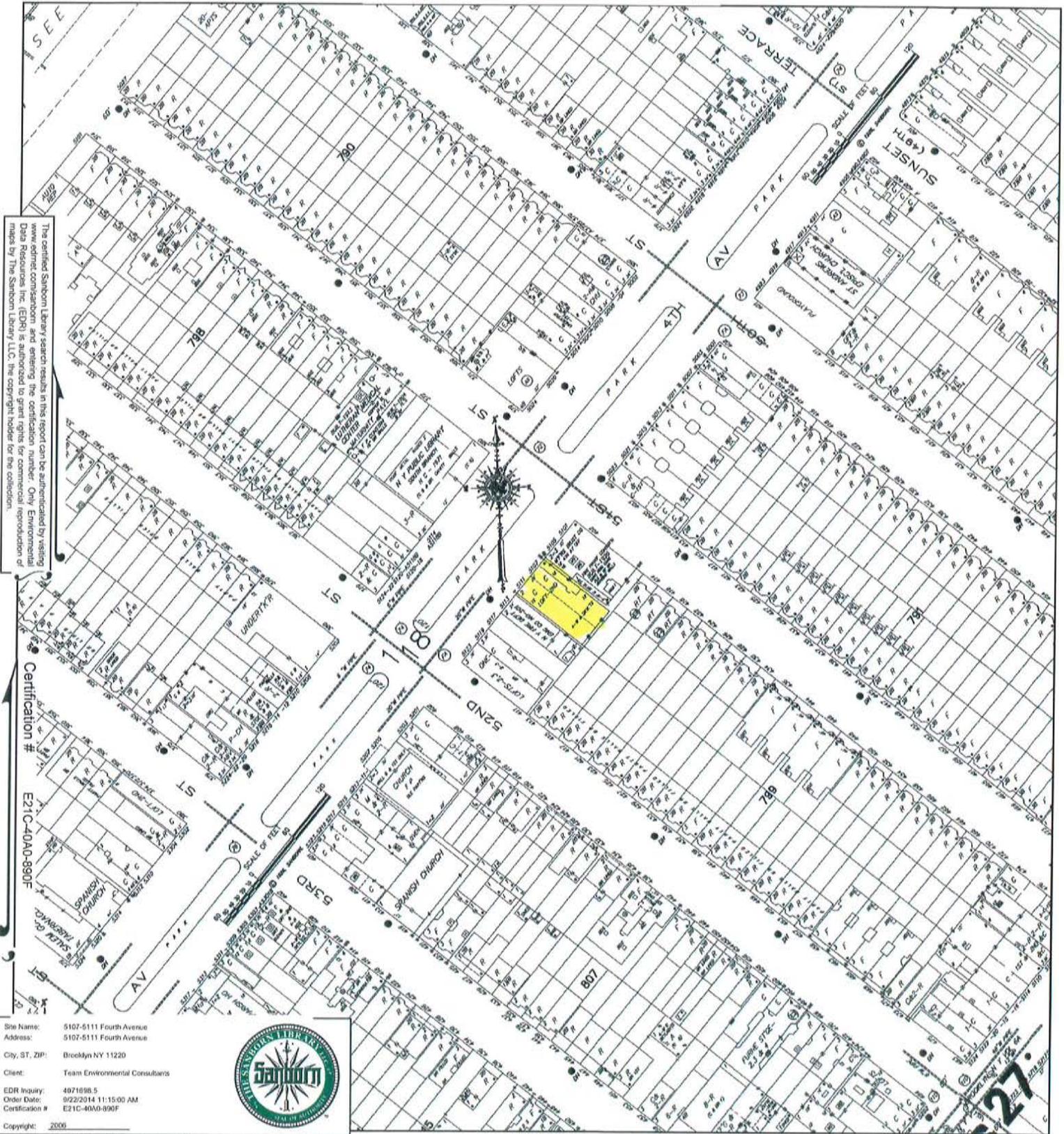
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2006 Certified Sanborn Map



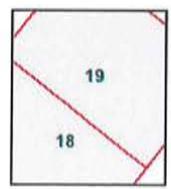
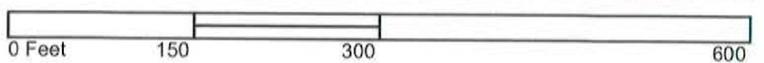
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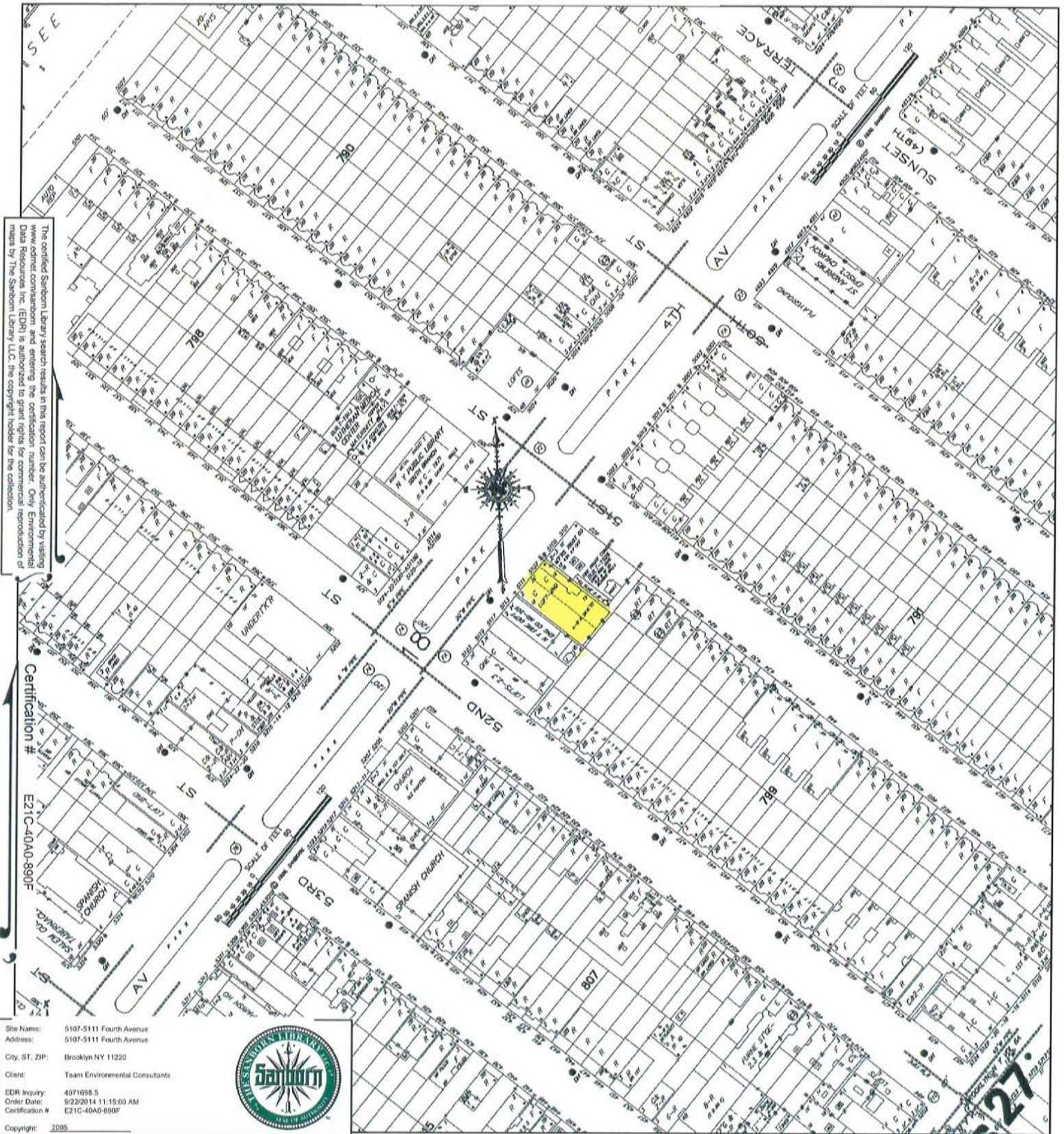
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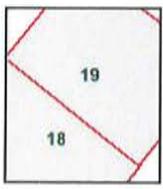
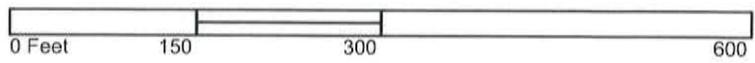
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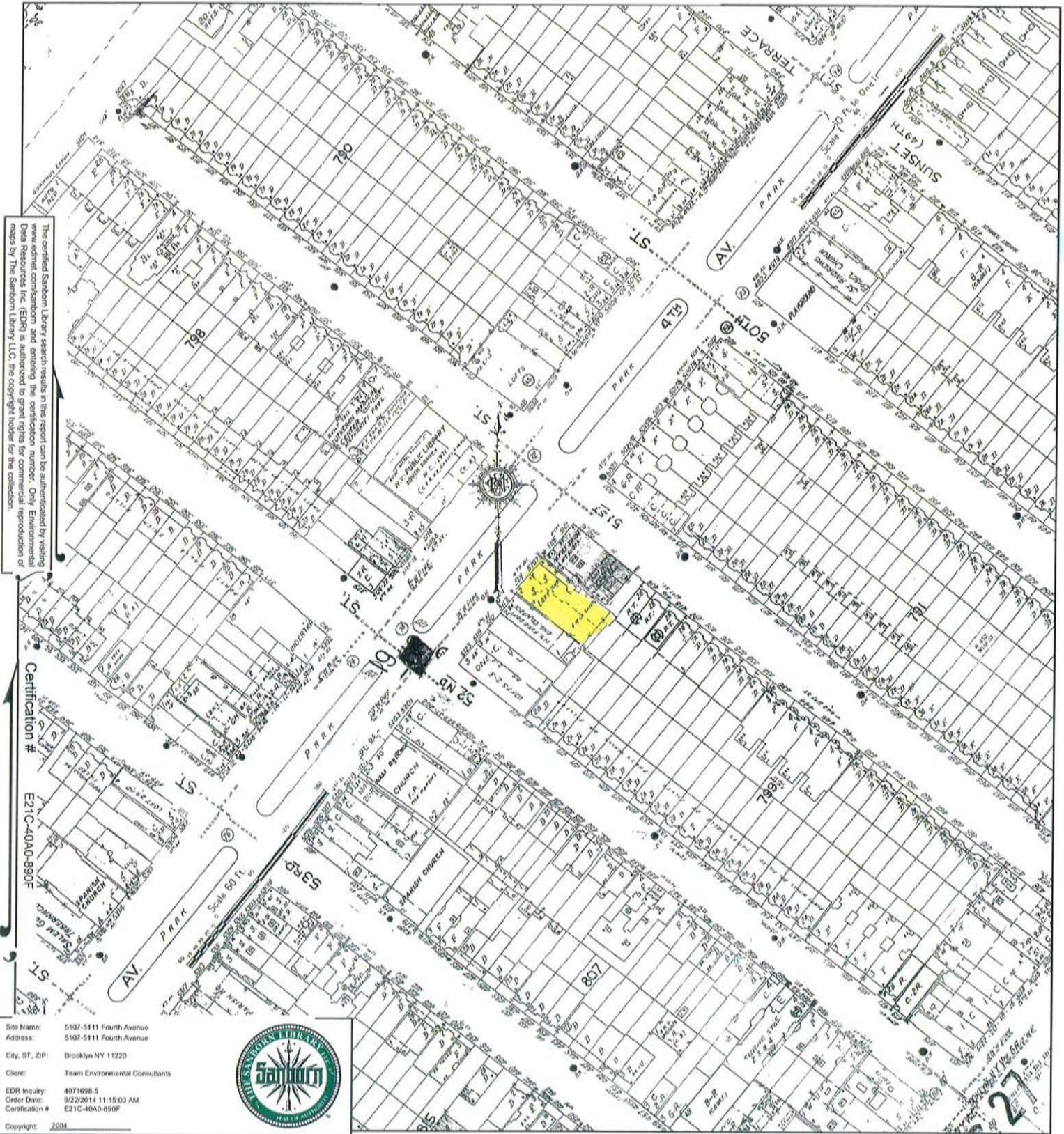
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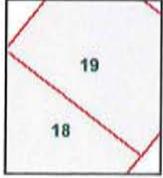
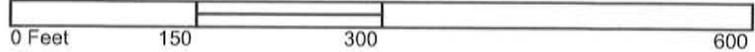
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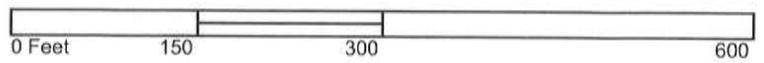
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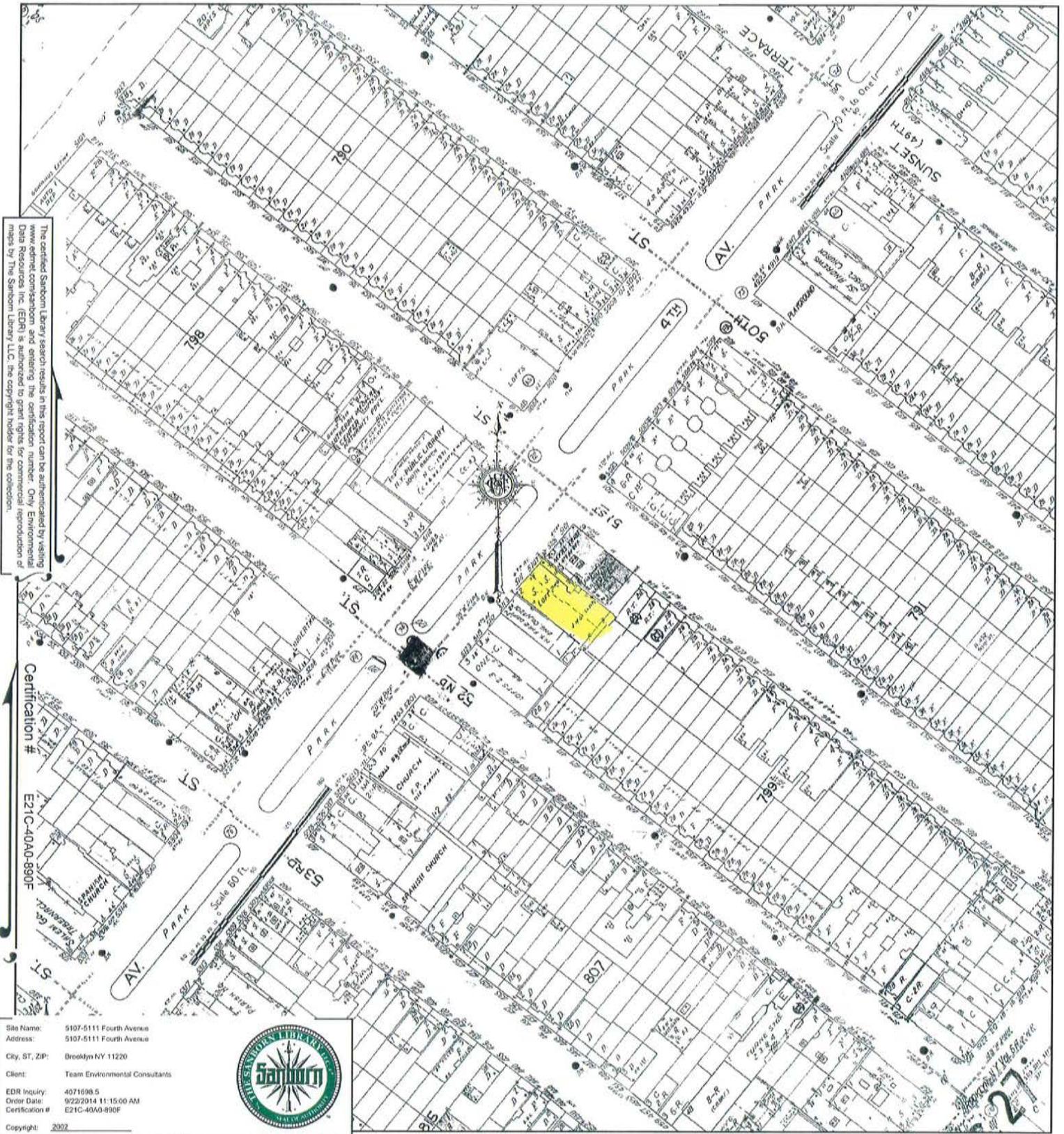
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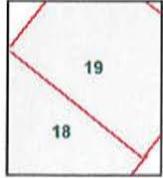
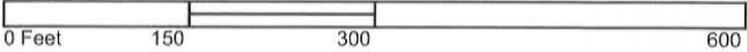
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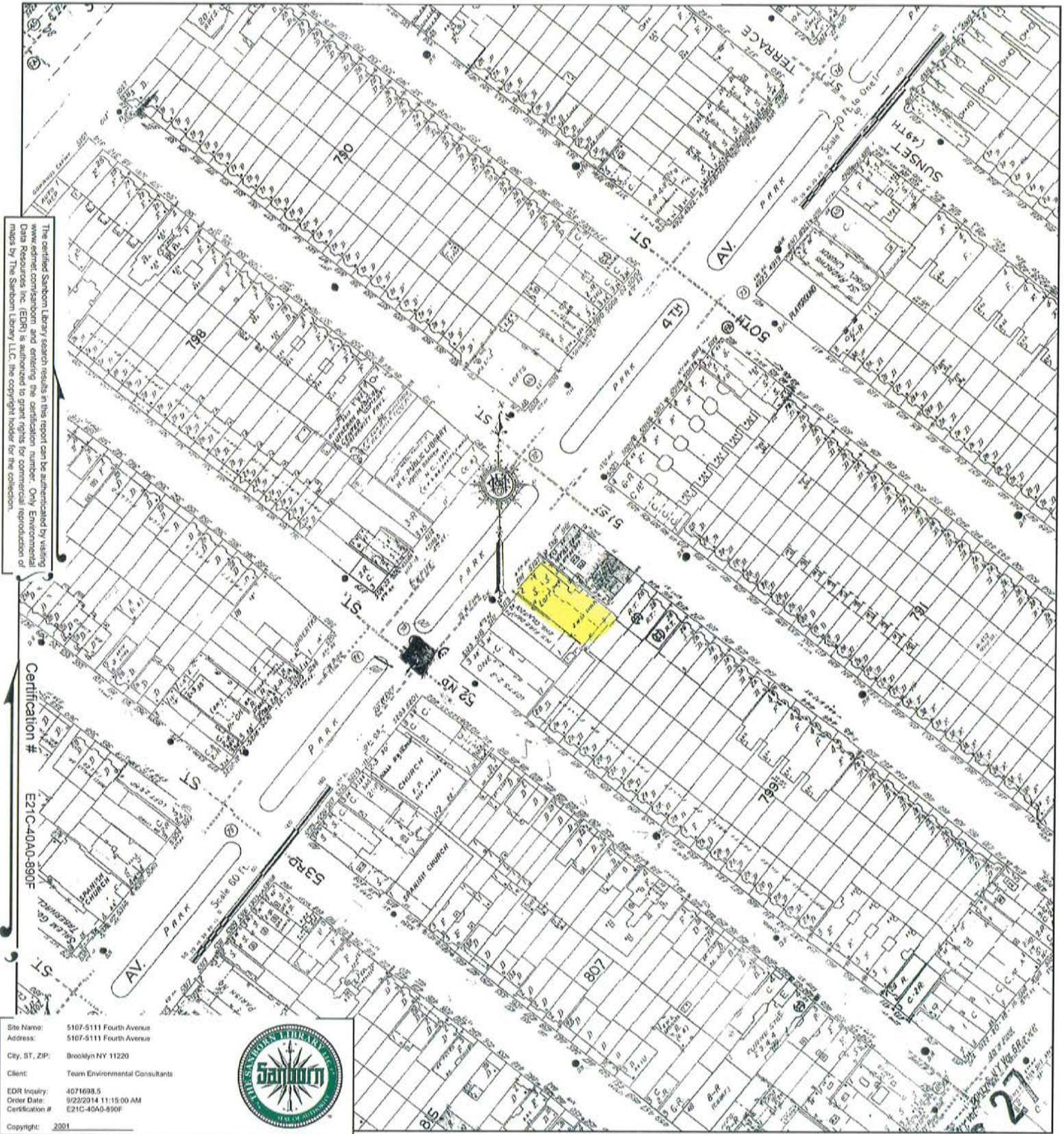
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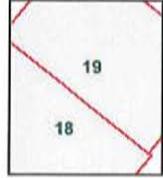
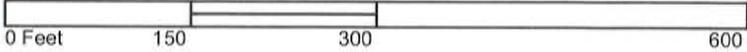
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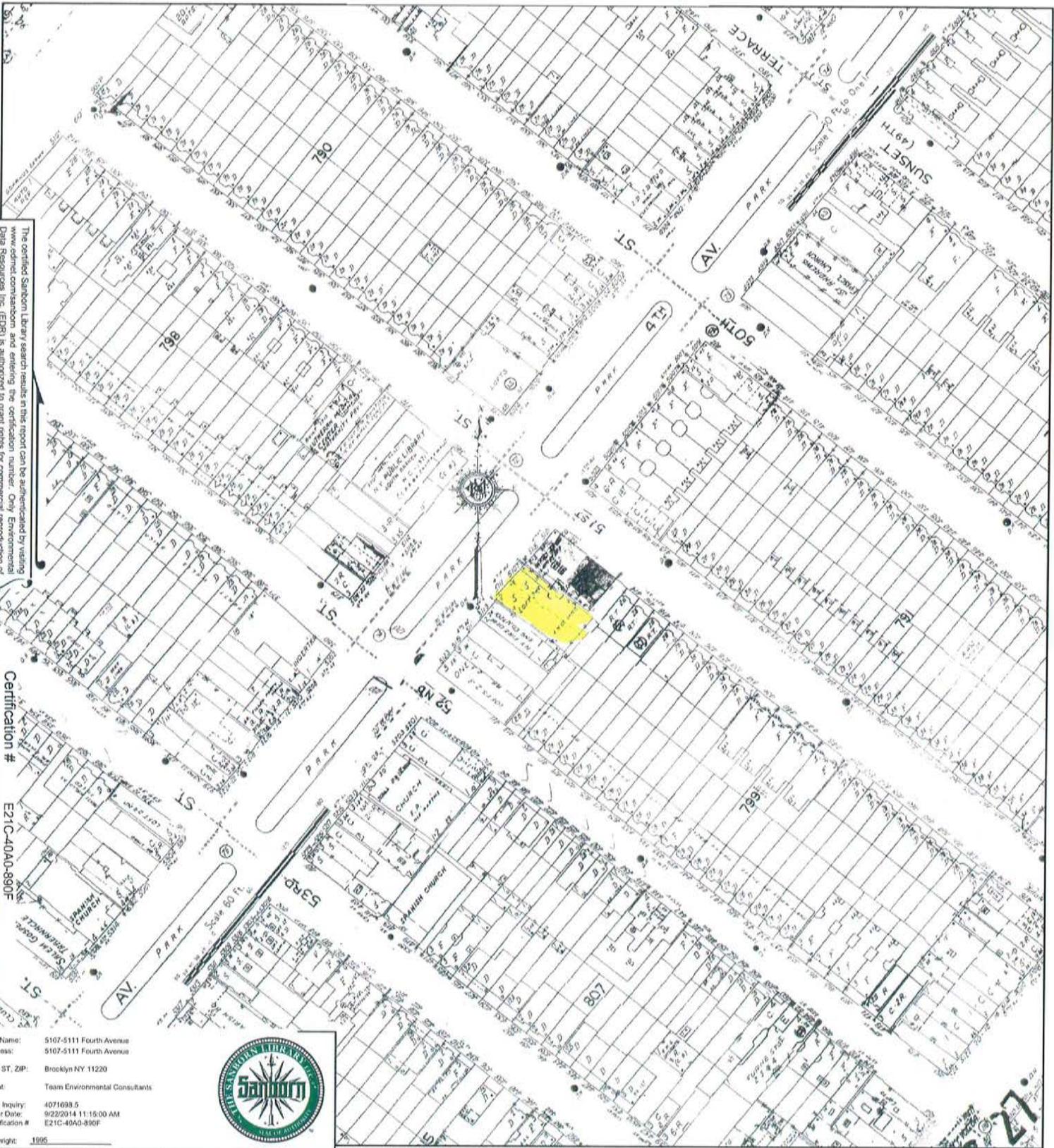


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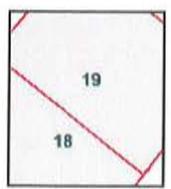
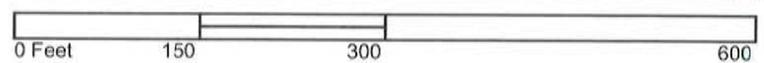
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1993 Certified Sanborn Map

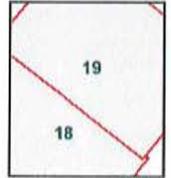
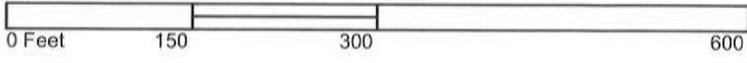
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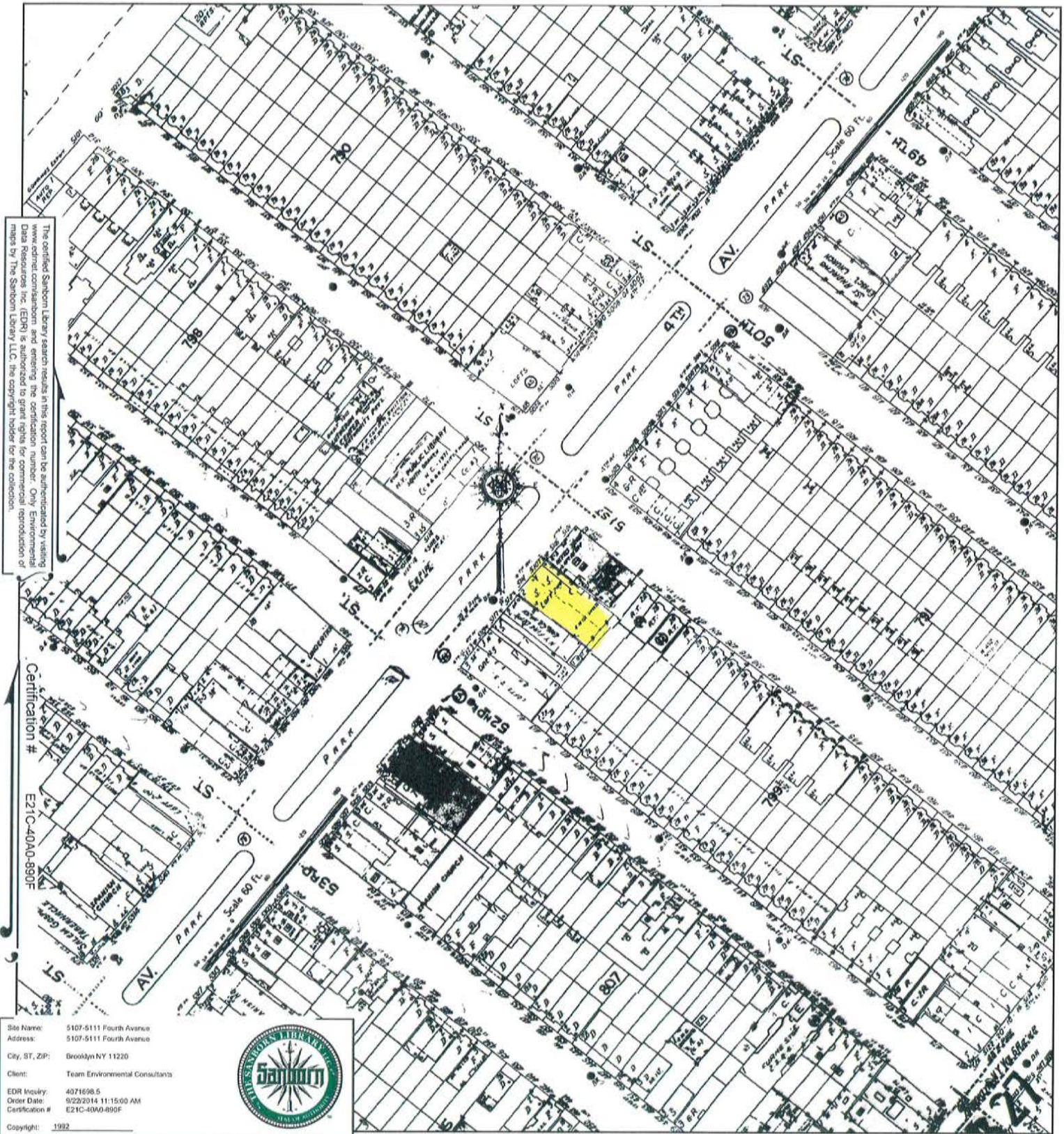
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1992 Certified Sanborn Map



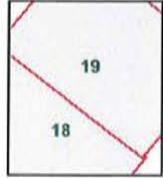
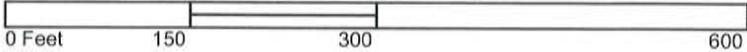
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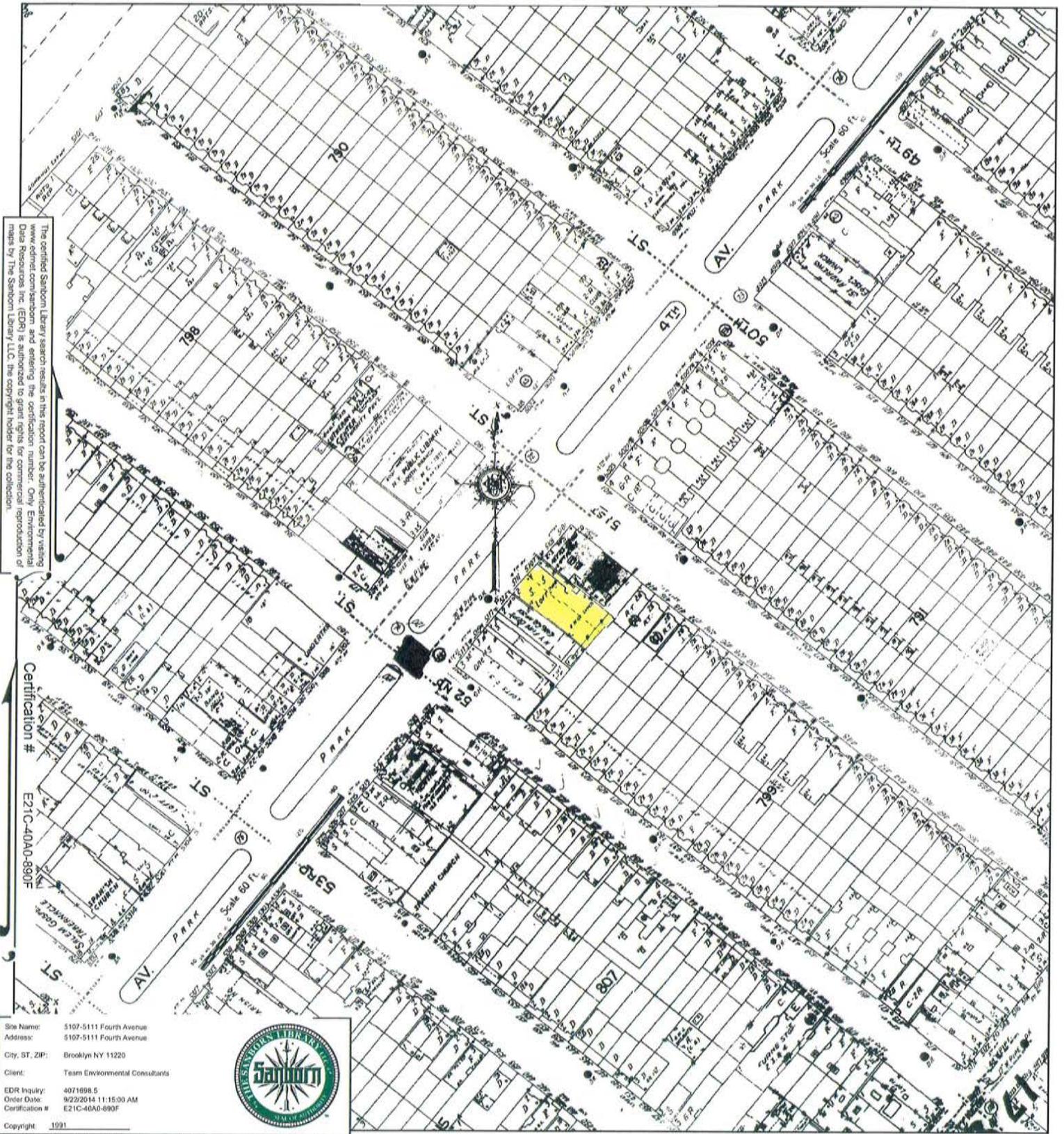
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1991 Certified Sanborn Map



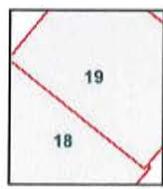
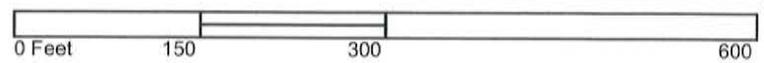
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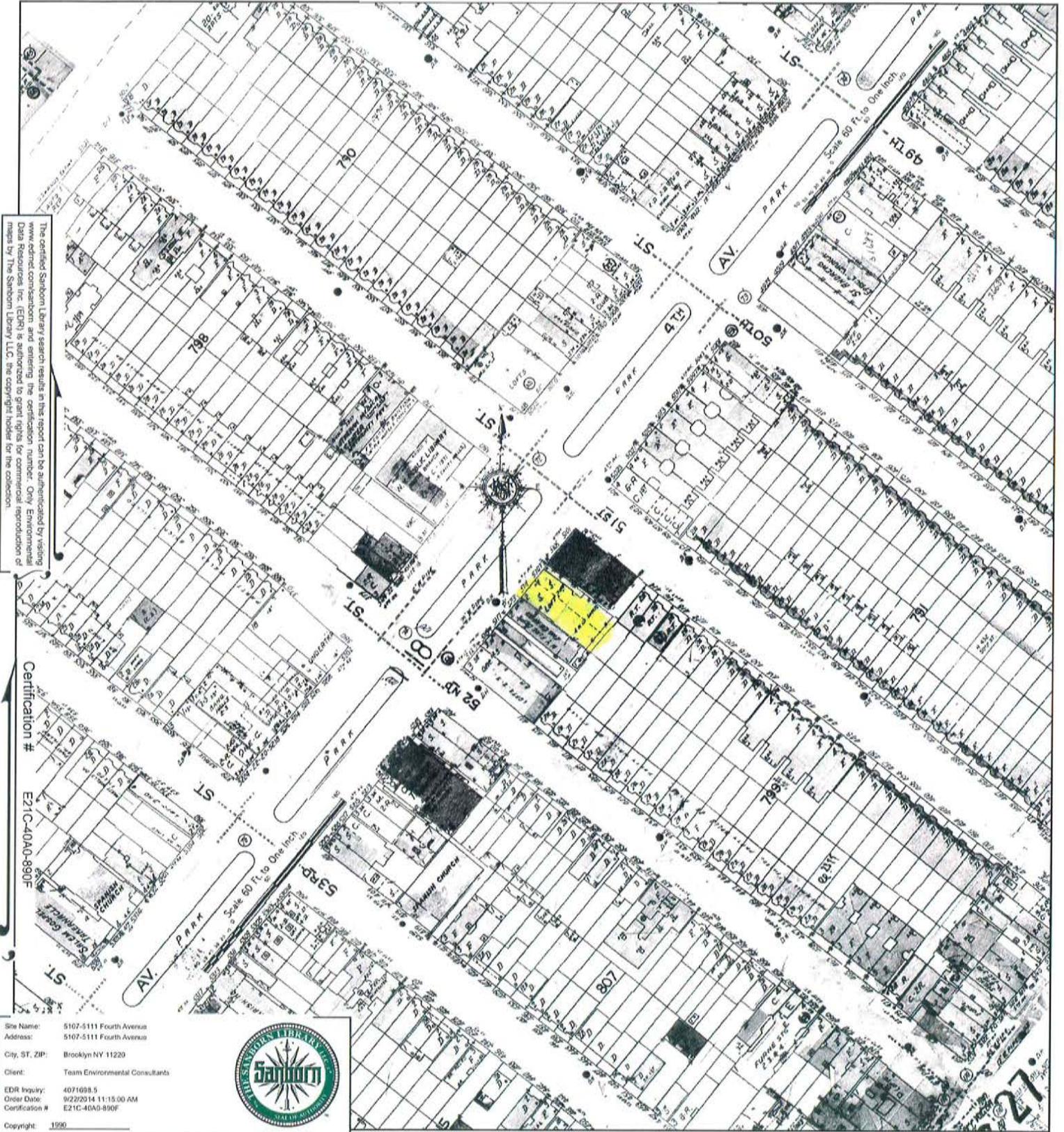
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1990 Certified Sanborn Map



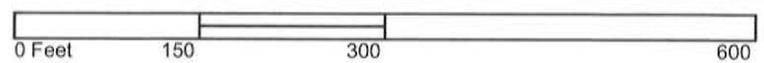
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 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071098.5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1990



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



Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1988 Certified Sanborn Map

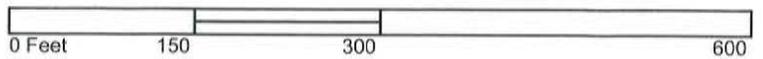
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Certification # E21C-40A0-890F

Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698.5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1988



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



Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1982 Certified Sanborn Map

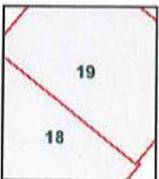
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Certification #
E21C-40A0-890F

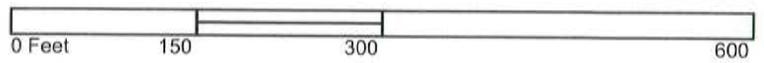
Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698-5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1982



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 Outlined areas indicate map sheets within the collection.



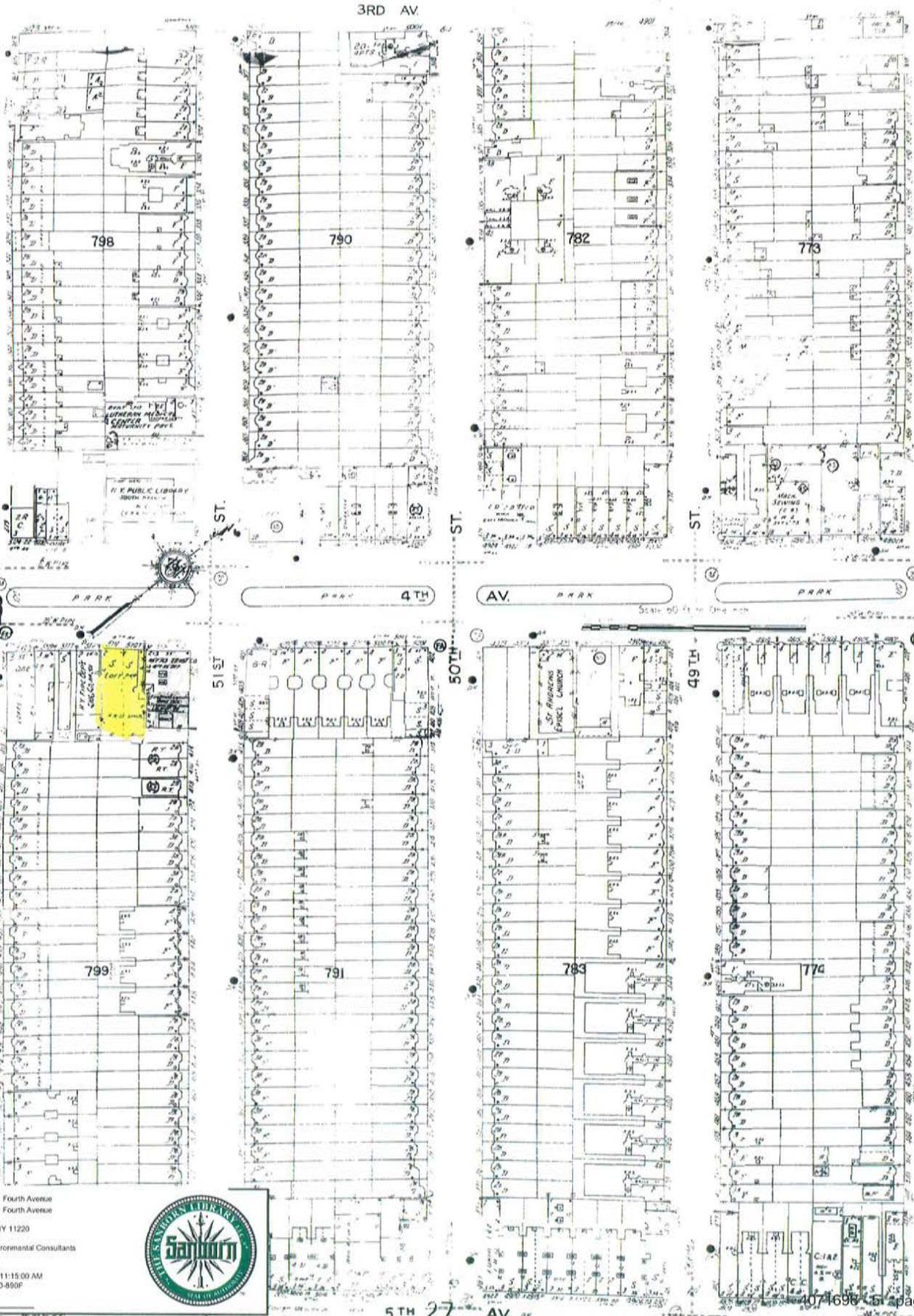
Volume 6A, Sheet 18
 Volume 6A, Sheet 19



STEEL & CONCRETE

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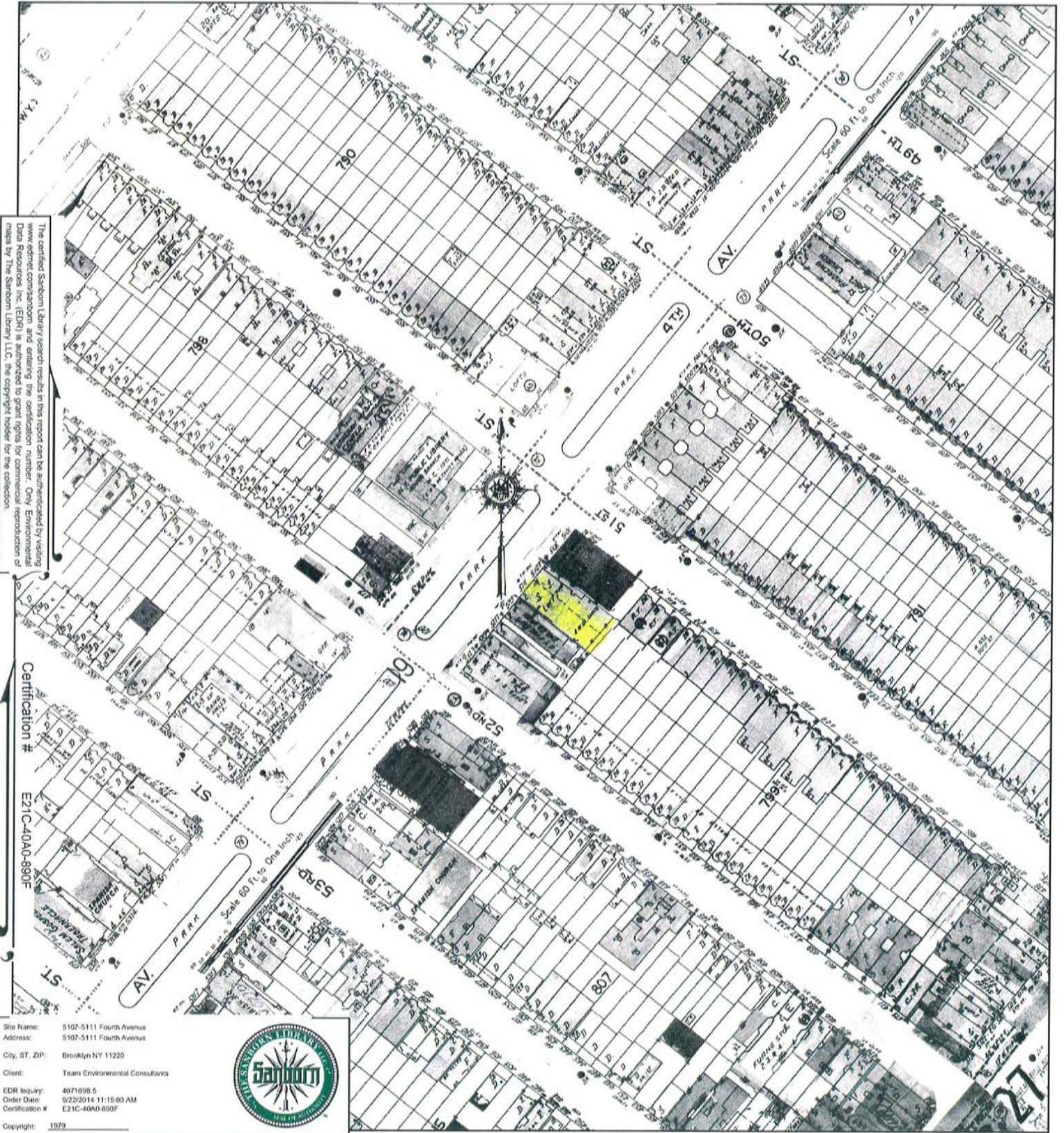
Certification # E21C-40A0-890F



Site Name: 5107-5111 Fourth Avenue
Address: 5107-5111 Fourth Avenue
City, ST, ZIP: Brooklyn NY 11220
Client: Team Environmental Consultants
EDR Inquiry: 4071698.5
Order Date: 9/22/2014 11:15:00 AM
Certification # E21C-40A0-890F
Copyright: 1980



1979 Certified Sanborn Map



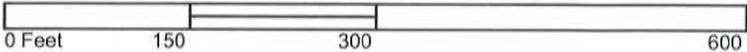
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Certification #
E21C-40A0-890F

Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698-5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1979



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



Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1978 Certified Sanborn Map

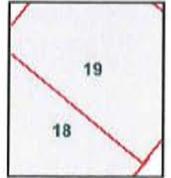
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #
E21C-40A0-890F

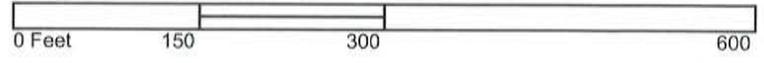
Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698.5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1978



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



Volume 6A, Sheet 19
 Volume 6A, Sheet 18



1976 Certified Sanborn Map

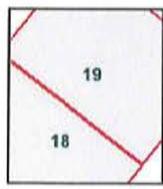
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com, commission and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # E21C-40A0-890F

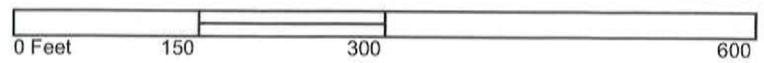
Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698.5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1976



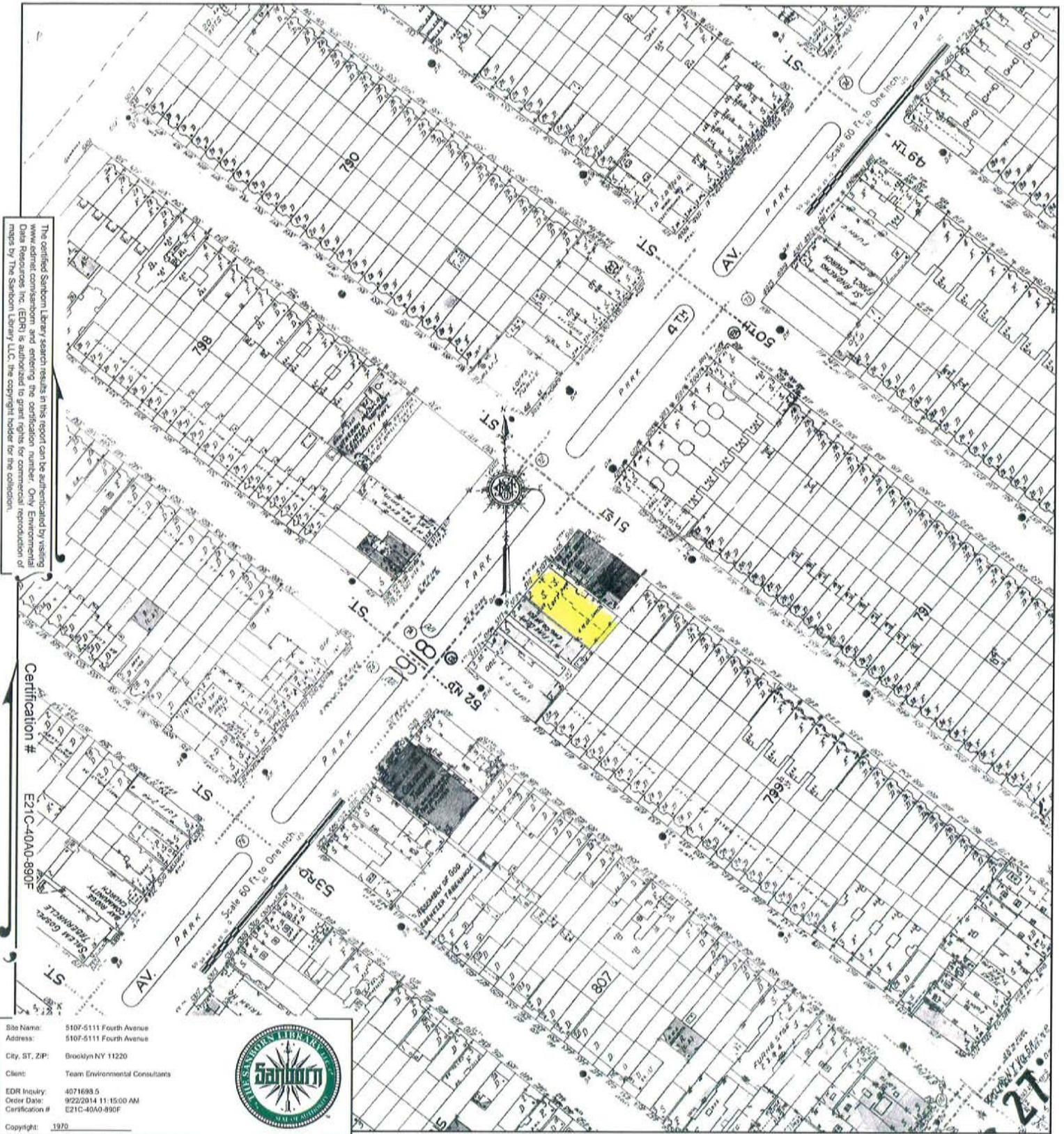
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1970 Certified Sanborn Map



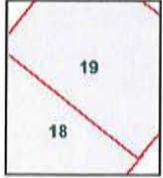
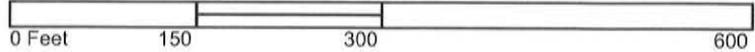
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Site Name: 510F-5111 Fourth Avenue
 Address: 510F-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698-5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1970



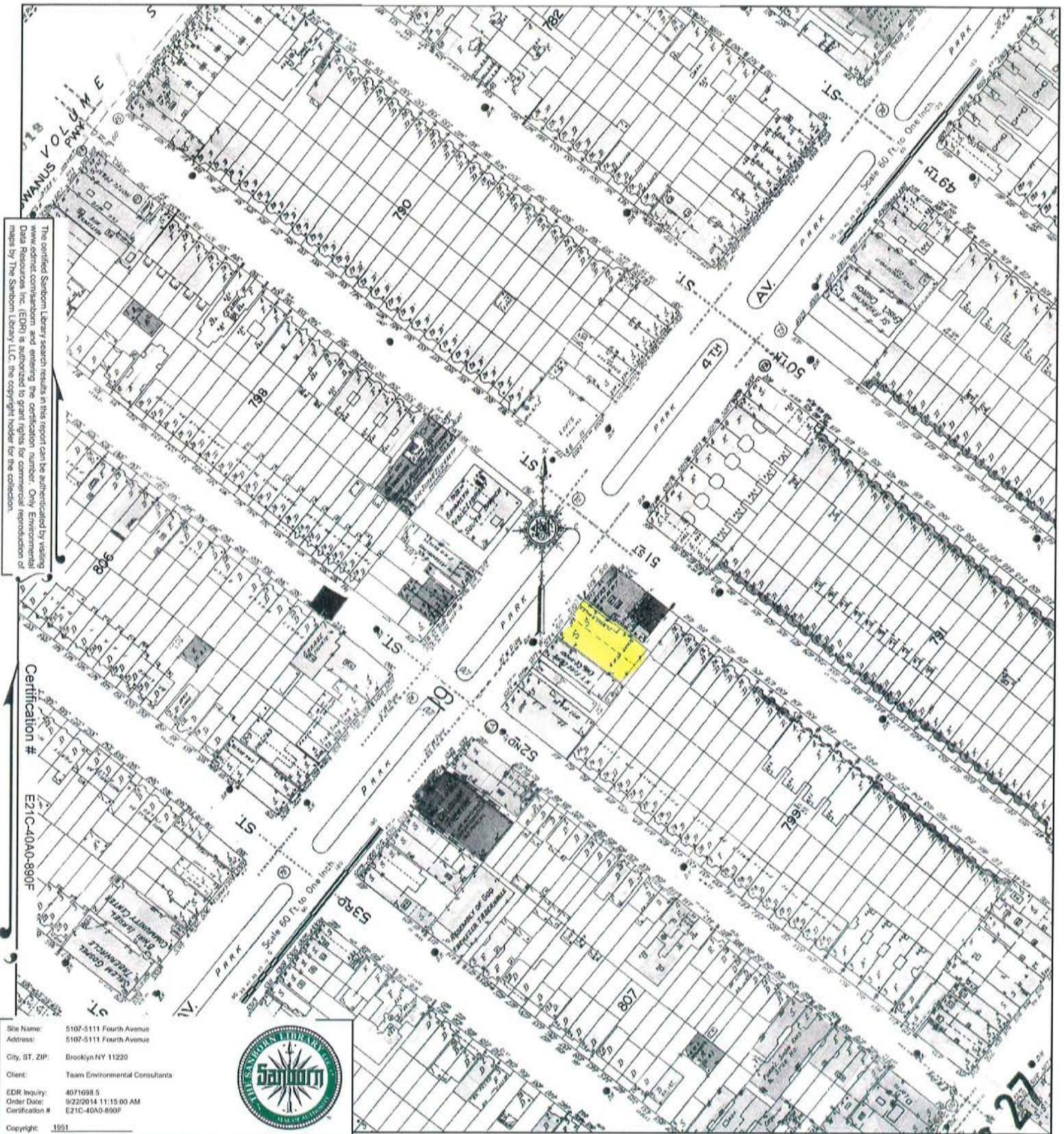
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1951 Certified Sanborn Map



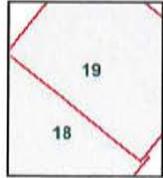
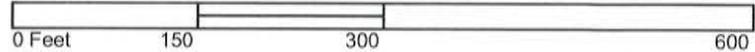
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Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698-5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1951



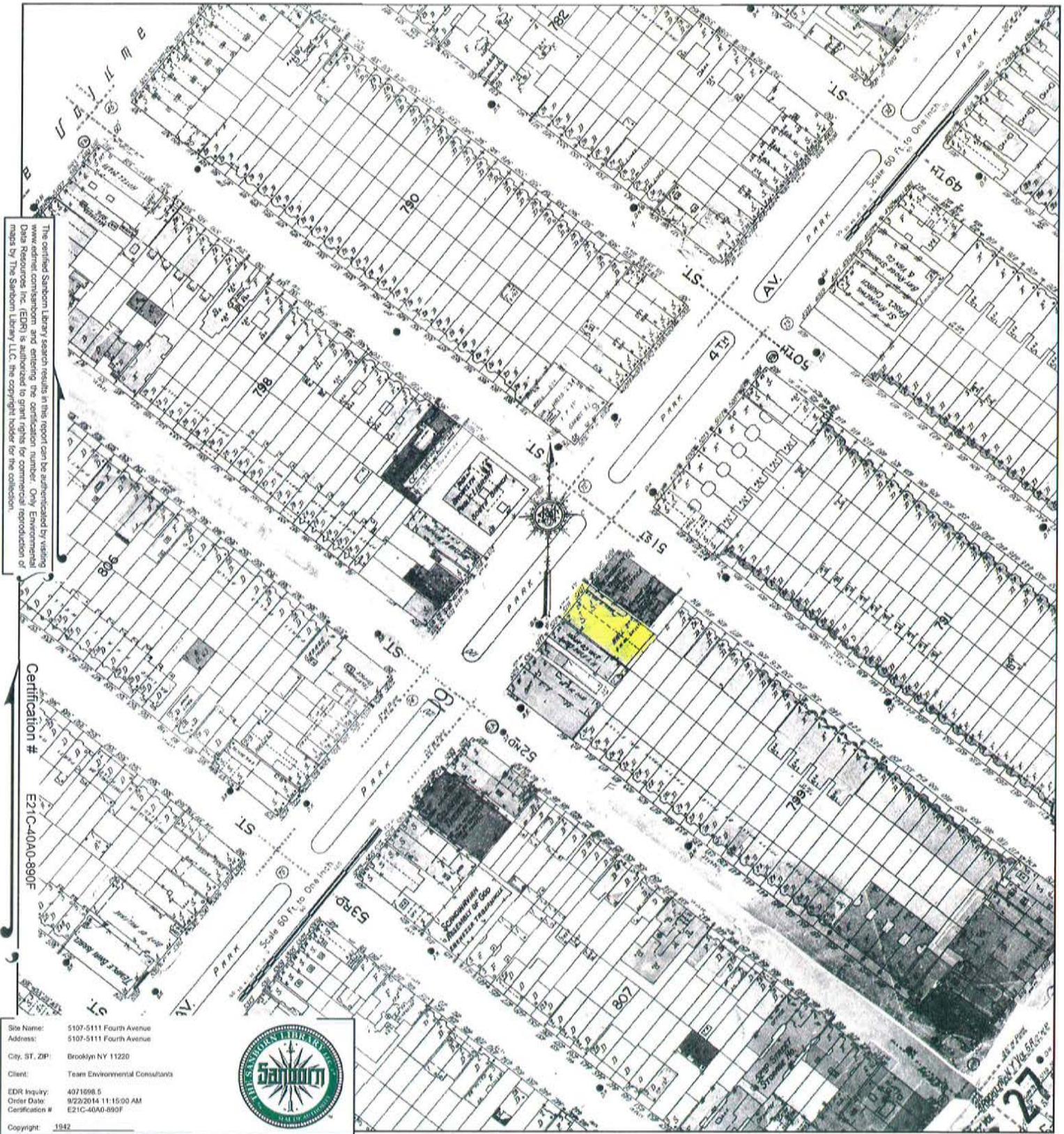
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1942 Certified Sanborn Map



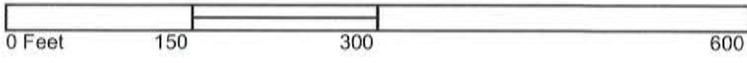
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Certification #
E21C-40A0-890F

Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698.5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1942



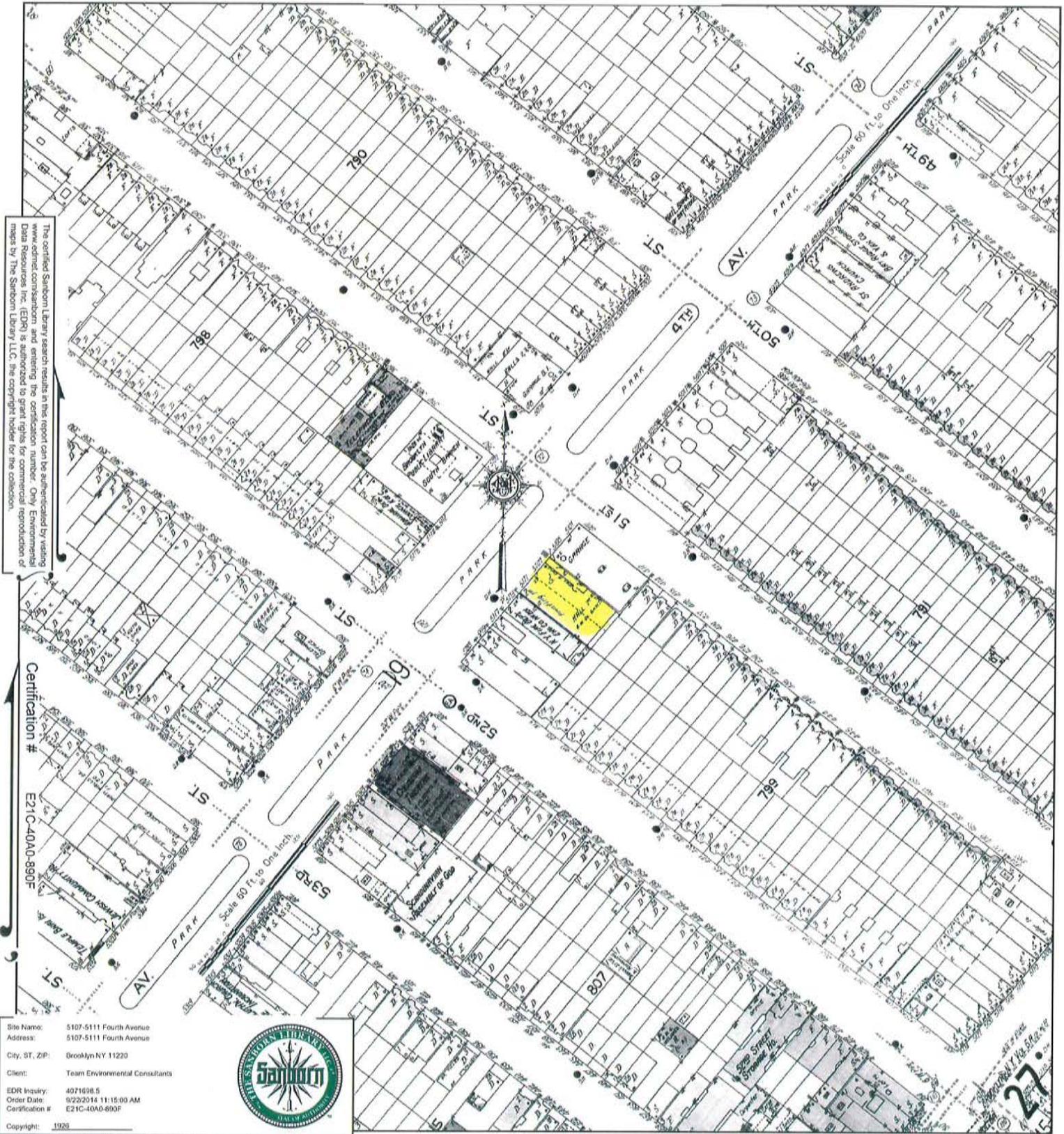
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1926 Certified Sanborn Map



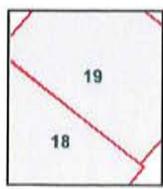
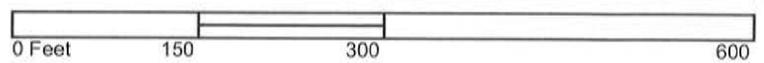
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Site Name: 5107-5111 Fourth Avenue
 Address: 5107-5111 Fourth Avenue
 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698.5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1926



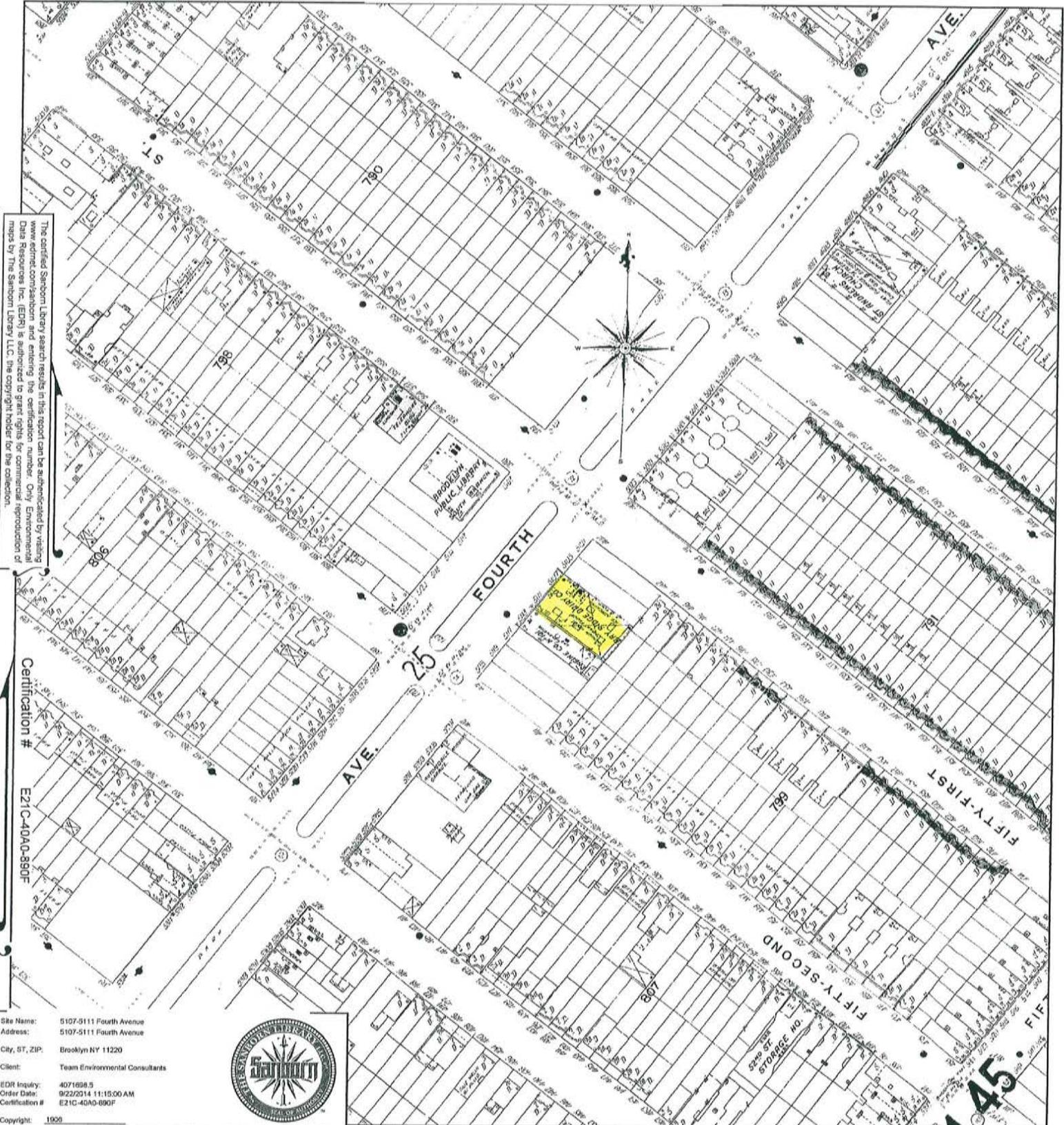
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



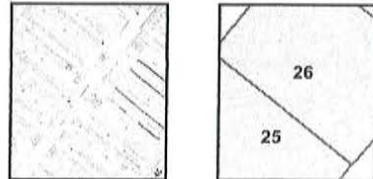
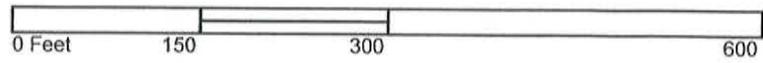
Volume 6A, Sheet 18
 Volume 6A, Sheet 19



1906 Certified Sanborn Map



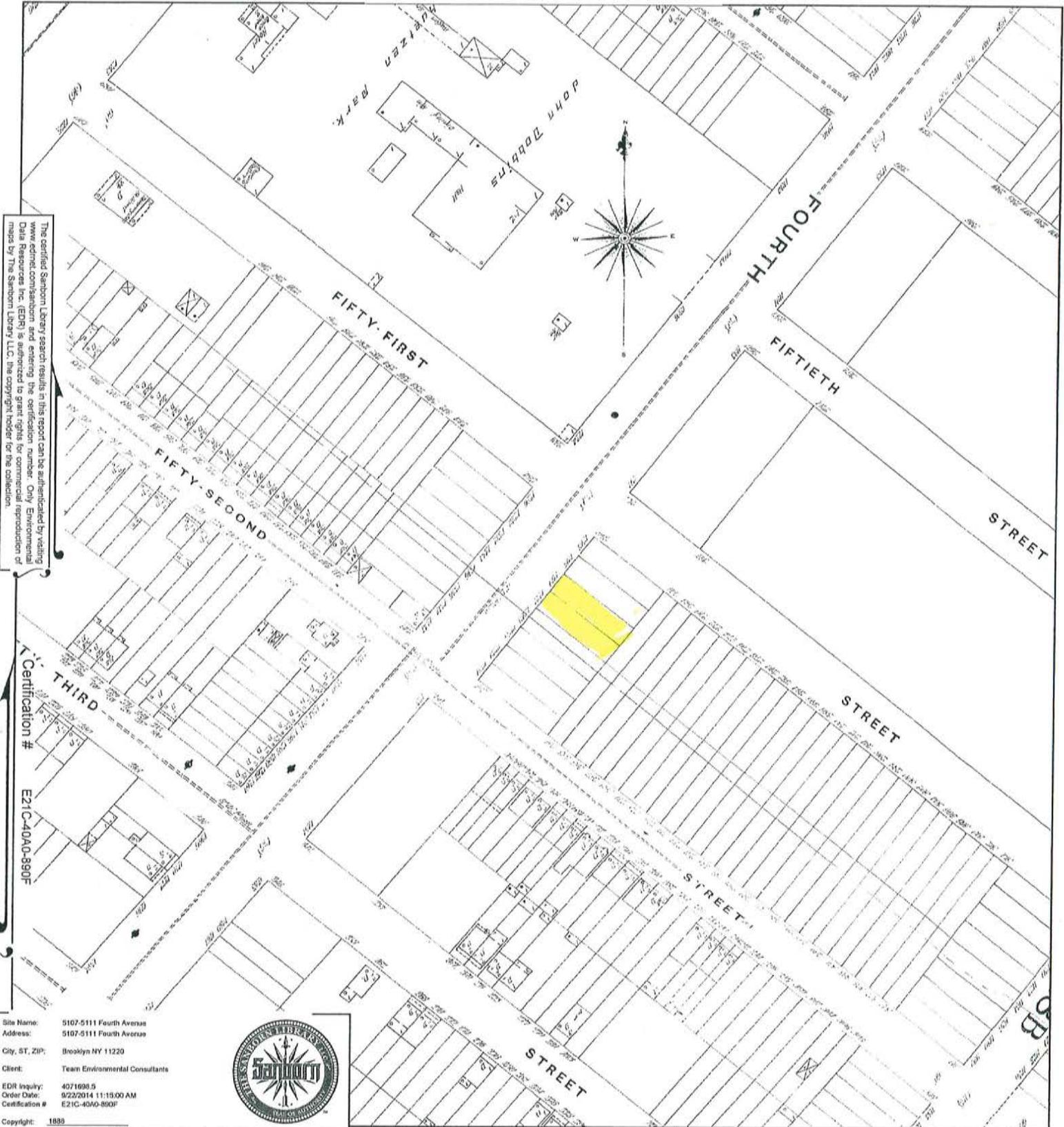
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 6, Sheet 25
 Volume 6, Sheet 26



1888 Certified Sanborn Map



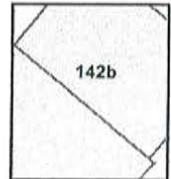
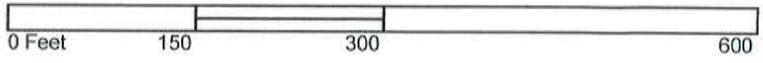
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Site Name: 5107-5111 Fourth Avenue
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 City, ST, ZIP: Brooklyn NY 11220
 Client: Team Environmental Consultants
 EDR Inquiry: 4071698.5
 Order Date: 9/22/2014 11:15:00 AM
 Certification #: E21C-40A0-890F
 Copyright: 1888



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



Volume 6, Sheet 142b
 Volume 6, Sheet 142b



ATTACHMENT D

PHASE I ESA INTERVIEW AND INFORMATION SOURCES

ATTACHMENT D

PHASE I ESA INTERVIEW & INFORMATION SOURCES

MMB 4 AVE, LLC PROPERTY

5107-5111 FOURTH AVENUE, BROOKLYN, NEW YORK 11220

Information Source	Affiliation	Phone Number
Levent Akizil	Sterling National Bank	212-847-7155
Jeff Wall	Sterling National Bank	516-610-9033
Malky Karpen	Skyline Capital	718-705-9806
Shlomie Goldstein	Skyline Capital	718-705-9806
Mendel Klein	MMB 4 Ave, LLC - Property Owner	718-765-0124
Nate Klein	Mode International	718-869-2829
Michael Smith	Environmental Data Resources	203-233-6061

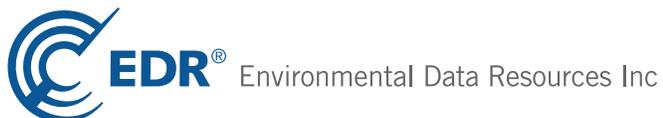
ATTACHMENT E

FEDERAL & STATE DATABASE REPORT

5107-5111 Fourth Avenue
5107-5111 Fourth Avenue
Brooklyn, NY 11220

Inquiry Number: 4071698.2s
September 22, 2014

FirstSearch Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Search Summary Report

**TARGET SITE 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220**

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<i>NPL</i>	Y	0	0	0	-	-	0	0
<i>NPL Delisted</i>	Y	0	0	0	-	-	0	0
<i>CERCLIS</i>	Y	0	0	0	-	-	0	0
<i>NFRAP</i>	Y	0	0	0	-	-	0	0
<i>RCRA COR ACT</i>	Y	0	0	0	-	-	0	0
<i>RCRA TSD</i>	Y	0	0	0	-	-	0	0
<i>RCRA GEN</i>	Y	0	0	5	-	-	8	13
<i>Federal IC / EC</i>	Y	0	0	-	-	-	0	0
<i>ERNS</i>	Y	0	-	-	-	-	0	0
<i>State/Tribal CERCLIS</i>	Y	0	0	0	-	-	0	0
<i>State/Tribal SWL</i>	Y	0	0	0	-	-	0	0
<i>State/Tribal LTANKS</i>	Y	0	1	1	-	-	0	2
<i>State/Tribal Tanks</i>	Y	0	-	2	-	-	0	2
<i>State/Tribal IC / EC</i>	Y	0	0	-	-	-	0	0
<i>State/Tribal VCP</i>	Y	0	0	0	-	-	0	0
<i>ST/Tribal Brownfields</i>	Y	0	0	0	-	-	0	0
<i>US Brownfields</i>	Y	0	0	0	-	-	0	0
<i>Other Haz Sites</i>	Y	0	-	-	-	-	0	0
<i>Other Tanks</i>	Y	0	-	-	-	-	0	0
<i>Spills</i>	Y	0	22	-	-	-	5	27
<i>Other</i>	Y	0	1	-	-	-	15	16
- Totals --		0	24	8	0	0	28	60

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Search Summary Report

**TARGET SITE: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	NPL	10/25/2013	0.250	0	0	0	-	-	0	0
	Proposed NPL	10/25/2013	0.250	0	0	0	-	-	0	0
NPL Delisted	Delisted NPL	10/25/2013	0.250	0	0	0	-	-	0	0
CERCLIS	CERCLIS	10/25/2013	0.250	0	0	0	-	-	0	0
NFRAP	CERC-NFRAP	10/25/2013	0.250	0	0	0	-	-	0	0
RCRA COR ACT	CORRACTS	06/10/2014	0.250	0	0	0	-	-	0	0
RCRA TSD	RCRA-TSDF	06/10/2014	0.250	0	0	0	-	-	0	0
RCRA GEN	RCRA-LQG	06/10/2014	0.250	0	0	5	-	-	4	9
	RCRA-SQG	06/10/2014	0.125	0	0	-	-	-	0	0
	RCRA-CESQG	06/10/2014	0.125	0	0	-	-	-	4	4
Federal IC / EC	US ENG CONTROLS	06/23/2014	0.125	0	0	-	-	-	0	0
	US INST CONTROL	06/23/2014	0.125	0	0	-	-	-	0	0
ERNS	ERNS	09/30/2013	TP	0	-	-	-	-	0	0
State/Tribal CERCLIS	SHWS	07/16/2014	0.250	0	0	0	-	-	0	0
State/Tribal SWL	SWF/LF	07/08/2014	0.250	0	0	0	-	-	0	0
State/Tribal LTANKS	LTANKS	05/19/2014	0.250	0	1	1	-	-	0	2
	HIST LTANKS	01/01/2002	TP	0	-	-	-	-	0	0
State/Tribal Tanks	TANKS	07/01/2014	TP	0	-	-	-	-	0	0
	UST	07/01/2014	TP	0	-	-	-	-	0	0
	CBS UST	01/01/2002	0.250	0	0	0	-	-	0	0
	MOSF UST	01/01/2002	0.250	0	0	0	-	-	0	0
	AST	07/01/2014	TP	0	-	-	-	-	0	0
	CBS AST	01/01/2002	0.250	0	0	1	-	-	0	1
	MOSF AST	01/01/2002	0.250	0	0	0	-	-	0	0
	CBS	07/01/2014	0.250	0	0	1	-	-	0	1
	MOSF	07/01/2014	0.250	0	0	0	-	-	0	0
State/Tribal IC / EC	ENG CONTROLS	07/16/2014	0.125	0	0	-	-	-	0	0

Search Summary Report

**TARGET SITE: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
	INST CONTROL	07/16/2014	0.125	0	0	-	-	-	0	0
	RES DECL	11/18/2010	0.125	0	0	-	-	-	0	0
State/Tribal VCP	VCP	07/16/2014	0.250	0	0	0	-	-	0	0
ST/Tribal Brownfields	ERP	07/16/2014	0.250	0	0	0	-	-	0	0
	BROWNFIELDS	07/16/2014	0.250	0	0	0	-	-	0	0
US Brownfields	US BROWNFIELDS	07/01/2014	0.250	0	0	0	-	-	0	0
Other Haz Sites	US CDL	05/28/2014	TP	0	-	-	-	-	0	0
Other Tanks	HIST UST	01/01/2002	TP	0	-	-	-	-	0	0
	HIST AST	01/01/2002	TP	0	-	-	-	-	0	0
Spills	HMIRS	06/30/2014	TP	0	-	-	-	-	0	0
	NY Spills	05/19/2014	0.125	0	22	-	-	-	5	27
	NY Hist Spills	01/01/2002	TP	0	-	-	-	-	0	0
	SPILLS 90	12/14/2012	TP	0	-	-	-	-	0	0
	SPILLS 80	11/02/2010	TP	0	-	-	-	-	0	0
Other	RCRA NonGen / NLR	06/10/2014	0.125	0	1	-	-	-	7	8
	TRIS	12/31/2011	TP	0	-	-	-	-	0	0
	TSCA	12/31/2006	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	0	-	-	-	-	0	0
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	PADS	06/01/2013	TP	0	-	-	-	-	0	0
	MLTS	07/22/2013	TP	0	-	-	-	-	0	0
	RADINFO	07/07/2014	TP	0	-	-	-	-	0	0
	FINDS	11/18/2013	TP	0	-	-	-	-	1	1
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	HSWDS	01/01/2003	0.250	0	0	0	-	-	0	0
	MANIFEST	05/01/2014	TP	0	-	-	-	-	7	7
	DRYCLEANERS	07/17/2014	TP	0	-	-	-	-	0	0
	SPDES	05/29/2014	0.250	0	0	0	-	-	0	0
	PRP	04/15/2013	TP	0	-	-	-	-	0	0
	US AIRS	10/23/2013	TP	0	-	-	-	-	0	0
	- Totals --			0	24	8	0	0	28	60

Target Site Summary Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

TOTAL: 60

GEOCODED: 32

NON GEOCODED: 28

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
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No sites found for target address

Sites Summary Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

TOTAL: 60

GEOCODED: 32

NON GEOCODED: 28

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	NY Spills --9911139 / 3/28/2002	MANHOLE 6126	51ST/4TH AVE BROOKLYN, NY	0.02 NNE	- 2	1
A2	NY Spills --1100830 / 6/2/2011	CON EDISON HYDRAULIC SPILL ON	4TH AVE AND 51ST STREET BROOKLYN, NY	0.02 North	- 3	3
A3	NY Spills --0512999 / 4/17/2006	MANHOLE #61677	4TH AVE & 51 STREET BROOKLYN, NY	0.02 North	- 3	5
B4	NY Spills --0703800 / 1/28/2008	424 52ND STREET	424 52ND STREET BROOKLYN, NY	0.04 South	+ 7	7
B5	NY Spills --1215234 / 2/4/2013	CONCRETE	427 52ND ST BROOKLYN, NY	0.05 South	+ 8	9
6	NY Spills --0512310 / 6/14/2006	SB #45511	4 AVE /& 50 ST BROOKLYN, NY	0.05 NE	+ 0	11
C7	NY Spills --9901425 / 5/18/1999	SERVICE BOX 51207	445 51ST ST BROOKLYN, NY	0.06 ESE	+ 14	13
C8	NY Spills --0305503 / 2/11/2004	SERVICE BOX 51208	448-450 51ST ST BROOKLYN, NY	0.07 ESE	+ 16	15
9	NY Spills --9403733 / 3/6/1995	4HT AVENUE & 50TH STREET	4TH AVE/50TH ST BROOKLYN, NY	0.09 NE	+ 0	17
10	LTANKS --0312507 / 7/12/2004 --0314286 / 3/31/2004	VIDINHA RESIDENCE	442 50TH STREET BROOKLYN, NY	0.09 ENE	+ 16	19
11	NY Spills --0002254 / 9/24/2001	MANHOLE SB51095	I/F/O 423-425 50TH ST BROOKLYN, NY	0.09 ENE	+ 10	23
D12	NY Spills --0708461 / 11/2/2007	LIGHT OF THE WORLD	5323 4TH AVE BROOKLYN, NY	0.09 SW	+ 1	25

Sites Summary Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

TOTAL: 60

GEOCODED: 32

NON GEOCODED: 28

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
D13	NY Spills --0906402 / 9/2/2009	COMMERICAL BUILDING	5302 4TH AVE NEW YORK, NY	0.09 WSW	- 2	27
D14	NY Spills --1112576 / 8/28/2012	BASEMENT BOILER ROOM	5324 4TH AVE BROOKLYN, NY	0.09 SW	+ 0	29
15	RCRA NonGen / NLR NYC DEP --NYP003662764		438 53RD ST BROOKLYN, NY 11220	0.10 South	+ 15	31
E16	NY Spills --1202971 / Not Reported	LEAKING 275-GALLON AST	333 51ST STREET BROOKLYN, NY	0.10 NW	- 17	32
F17	NY Spills --1105232 / 11/3/2011	PRIVATE RESIDENCE	326 52ND ST BROOKLYN, NY	0.11 WNW	- 15	34
G18	NY Spills --9511538 / 12/12/1995	4918 4TH AVENUE	4918 4TH AVENUE BROOKLYN, NY	0.11 NNE	- 6	36
G19	NY Spills --9808361 / 10/23/2002	MANHOLE 58049	4TH AVE/49TH ST BROOKLYN, NY	0.12 NNE	- 6	38
G20	NY Spills --9808359 / 10/23/2002	MANHOLE 5822	4TH AVE/49TH ST BROOKLYN, NY	0.12 NNE	- 6	40
F21	NY Spills --0006318 / 8/18/2009	SERVICE BOX #51249	IFO 316 52ND ST BROOKLYN, NY	0.12 WNW	- 17	42
22	NY Spills --1104899 / 7/29/2011	ABHAS CHAUDHURI HOME	415 49TH ST BROOKLYN, NY	0.12 NE	+ 6	44
E23	NY Spills --0207132 / 5/20/2005	MANHOLE #66770	3RD AVE 51ST ST BROOKLYN, NY	0.12 NW	- 25	46
E24	NY Spills --0107761 / 11/5/2001	MANHOLE # 66770	51ST ST/3RD AVE BROOKLYN, NY	0.12 NW	- 25	48

Sites Summary Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

TOTAL: 60

GEOCODED: 32

NON GEOCODED: 28

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
25	RCRA-LQG --NYR000186056	RITE AID #543	5224 FIFTH AVE BROOKLYN, NY 11220	0.15 SE	+ 34	50
26	CBS --2-000196 --Administratively Closed	CHERRY-HILL TEXTILE	53-01 51 AVENUE BROOKLYN, NY 11220	0.18 SE	+ 44	53
26	CBS AST --2-000196 --IN SERVICE	CHERRY-HILL TEXTILE	53-01 51 AVENUE BROOKLYN, NY 11220	0.18 SE	+ 44	54
H27	RCRA-LQG --NYP004190534	CON EDISON - MANHOLE 5786	3RD AVENUE AND 49TH STREE BROOKLYN, NY 11220	0.19 NNW	- 32	56
H28	RCRA-LQG --NYP004193769	CON EDISON - MANHOLE 5786	3RD AVENUE & 49TH STREET BROOKLYN, NY 11217	0.19 NNW	- 32	58
29	RCRA-LQG --NYP004190377	CON EDISON - MANHOLE 5780	3RD AVENUE AND 54TH STREE BROOKLYN, NY 11220	0.19 West	- 22	60
30	LTANKS --1305012 / 10/31/2013	LUTHERAN MEDICAL CTR	514 49TH ST BROOKLYN, NY	0.20 East	+ 45	62
31	RCRA-LQG --NYP004190385	CON EDISON - MANHOLE 5778	3RD AVENUE AND 55TH STREE BROOKLYN, NY 11220	0.23 WSW	- 21	64

Sites Summary Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

TOTAL: 60

GEOCODED: 32

NON GEOCODED: 28

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	NY Spills --0600561 / 4/14/2006	EXIT 34	ROUTE 278 SOUTHBOUND BROOKLYN, NY	NON GC	N/A	N/A
	MANIFEST	MTA NYCT - 45TH ST STA N&R LIN	45TH ST & 4TH AVE BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA-CESQG --NYR000106716	MTA NYCT - 45TH ST STA N&R LIN	45TH ST & 4TH AVE BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA-LQG --NYP004190351	CON EDISON - MANHOLE 58551	5623 4TH AVENUE AND 57TH BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA-CESQG --NYP004159794	CON EDISON	4TH AVE & 46TH ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	MANIFEST	CON EDISON MANHOLE 61667	4TH AVE & DOUGLAS ST BROOKLYN, NY 11208	NON GC	N/A	N/A
	RCRA NonGen / NLR --NYP004140786	CON EDISON MANHOLE 61667	4TH AVE & DOUGLAS ST BROOKLYN, NY 11208	NON GC	N/A	N/A
	MANIFEST	CON EDISON MANHOLE 61677	4TH AVE & 51ST ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA NonGen / NLR --NYP004139986	CON EDISON MANHOLE 61677	4TH AVE & 51ST ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	MANIFEST	CON EDISON - MH MH6127	4TH AVE & 62ND STREET BROOKLYN, NY 11201	NON GC	N/A	N/A
	RCRA NonGen / NLR --NYP004115572	CON EDISON - MH MH6127	4TH AVE & 62ND STREET BROOKLYN, NY 11201	NON GC	N/A	N/A
	FINDS	SUNOCO SERVICE STATION	6102 4TH AVE & 61ST ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA NonGen / NLR --NYD000816553	SUNOCO SERVICE STATION	6102 4TH AVE & 61ST ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA-CESQG --NYP004190344	CON EDISON	63RD ST & 4TH AVE BROOKLYN, NY 11220	NON GC	N/A	N/A

Sites Summary Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

TOTAL: 60

GEOCODED: 32

NON GEOCODED: 28

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	RCRA-CESQG --NYP004190708	CON EDISON	65TH ST & 4TH AVE BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA-LQG --NYR000155945	NYSDOT BIN 2231239	RTE 907C OVER SHORE PKWY BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA-LQG --NYR000155937	NYSDOT BIN 223123A	RTE 907C AT 63RD ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA-LQG --NYR000155556	NYSDOT BIN 106531E	I-278 AT 59TH ST OVER RTE BROOKLYN, NY 11220	NON GC	N/A	N/A
	NY Spills --1101306 / 5/5/2011	ROADWAY	KINGS HIGHWAY AND OCEAN P BROOKLYN, NY	NON GC	N/A	N/A
	NY Spills --0402073 / 5/25/2004	KINGS HIGHWAY MOBIL	KINGS HIGHWAY BROOKLYN, NY	NON GC	N/A	N/A
	NY Spills --0411503 / 2/7/2005	BETW/AVE X &	KINGS HIGHWAY AVE U BROOKLYN, NY	NON GC	N/A	N/A
	MANIFEST	CON EDISION - MH38210	S/INT KINGS HWY & W 7 ST. BROOKLYN, NY 10003	NON GC	N/A	N/A
	RCRA NonGen / NLR --NYP004089009	CON EDISION - MH38210	S/INT KINGS HWY & W 7 ST. BROOKLYN, NY 10003	NON GC	N/A	N/A
	MANIFEST	CON ED MH 6126	W/INT 4TH AVE & 61 ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	RCRA NonGen / NLR --NYP004015319	CON ED MH 6126	W/INT 4TH AVE & 61 ST BROOKLYN, NY 11220	NON GC	N/A	N/A
	NY Spills --0890060 / 5/16/2007	205842; KINGS HWY	KINGS HWY KINGS COUNTY, NY	NON GC	N/A	N/A
	MANIFEST	MH68025	W/S DAHILL ROAD 69' N/O 5 NEW YORK CITY, NY 11201	NON GC	N/A	N/A

Sites Summary Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

TOTAL: 60

GEOCODED: 32

NON GEOCODED: 28

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	RCRA NonGen / NLR MH68025 --NYP004031951		W/S DAHILL ROAD 69' N/O 5 NEW YORK CITY, NY 11201	NON GC	N/A	N/A

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S104284935 **DIST/DIR:** 0.019 NNE **ELEVATION:** 75 **MAP ID:** A1

NAME: MANHOLE 6126

Rev: 05/19/2014

ADDRESS: 51ST/4TH AVE
BROOKLYN, NY
KINGS

ID/Status: 9911139 / 3/28/2002

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 9911139

Facility Type: ER

DER Facility ID: 151077

Site ID: 180027

DEC Region: 2

Spill Date: 12/21/1999

Spill Number/Closed Date: 9911139 / 3/28/2002

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: CAENGELH

Referred To: Not reported

Reported to Dept: 12/21/1999

CID: 312

Water Affected: Not reported

Spill Source: Commercial/Industrial

Spill Notifier: Responsible Party

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 12/21/1999

Spill Record Last Update: 3/28/2002

Spiller Name: Not reported

Spiller Company: CON EDISON

Spiller Address: 4 IRVING PLACE

Spiller City,St,Zip: NEW YORK, NY 10003

Spiller Company: 999

Contact Name: Not reported

Contact Phone: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"ENGELHARDT"

Remarks: ON 5GAL'S OF WATER - CASE #129355

Material:

Site ID: 180027

Operable Unit ID: 1085853

Operable Unit: 01

Material ID: 296610

Material Code: 0066A

Material Name: UNKNOWN PETROLEUM

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S104284935 **DIST/DIR:** 0.019 NNE **ELEVATION:** 75 **MAP ID:** A1

NAME: MANHOLE 6126
ADDRESS: 51ST/4TH AVE
BROOKLYN, NY
KINGS

Rev: 05/19/2014
ID/Status: 9911139 / 3/28/2002

SOURCE: NY Department of Environmental Conservation

Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111011374 **DIST/DIR:** 0.021 North **ELEVATION:** 74 **MAP ID:** A2

NAME: CON EDISON HYDRAULIC SPILL ON ROADWAY
ADDRESS: 4TH AVE AND 51ST STREET
BROOKLYN, NY
KINGS

Rev: 05/19/2014
ID/Status: 1100830 / 6/2/2011

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 1100830
Facility Type: ER
DER Facility ID: 402859
Site ID: 448260
DEC Region: 2
Spill Date: 4/24/2011
Spill Number/Closed Date: 1100830 / 6/2/2011
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 4/24/2011
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 4/24/2011
Spill Record Last Update: 6/2/2011
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: ERT
Contact Phone: (212) 580-8383
DEC Memo: 4/25/11-Vought-Primary off-hours responder. Spill assigned to DEC Feroze as part of routine minor Con Ed Spill portfolio review and possible closure. Initial EMIS #225537 downloaded into E-docs, deleted from proxy and entered into Cross Reference Field. As per EMIS, one gallon of hydraulic oil leaked onto asphalt and cleanup in progress.6/2/11 - Austin - 1 gal. spill from Con Ed's vehicle - Spill contained and cleaned up by Con Ed - See eDocs files for moe info. - Spill closed - end

Remarks: 1511 THE CALLER ADVISED DISPATCH THE SPILL WAS DUE TO A BROKEN LINE.
NO WATER OR SOIL IMPACTED. THE CLEAN UP IS IN PROGRESS.

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111011374 **DIST/DIR:** 0.021 North **ELEVATION:** 74 **MAP ID:** A2

NAME: CON EDISON HYDRAULIC SPILL ON ROADWAY

Rev: 05/19/2014

ADDRESS: 4TH AVE AND 51ST STREET
BROOKLYN, NY
KINGS

ID/Status: 1100830 / 6/2/2011

SOURCE: NY Department of Environmental Conservation

Material:

Site ID: 448260
Operable Unit ID: 1198499
Operable Unit: 01
Material ID: 2194781
Material Code: 0010
Material Name: Hydraulic Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S107522850 **DIST/DIR:** 0.021 North **ELEVATION:** 74 **MAP ID:** A3

NAME: MANHOLE #61677

Rev: 05/19/2014

ADDRESS: 4TH AVE & 51 STREET
BROOKLYN, NY
KINGS

ID/Status: 0512999 / 4/17/2006

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0512999

Facility Type: ER

DER Facility ID: 309459

Site ID: 359407

DEC Region: 2

Spill Date: 2/9/2006

Spill Number/Closed Date: 0512999 / 4/17/2006

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: GDBREEN

Referred To: Not reported

Reported to Dept: 2/9/2006

CID: 444

Water Affected: Not reported

Spill Source: Institutional, Educational, Gov., Other

Spill Notifier: Responsible Party

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 2/9/2006

Spill Record Last Update: 6/12/2006

Spiller Name: ERT DESK

Spiller Company: CON EDISON MANHOLE #61677

Spiller Address: 4TH AVE & 51ST STREET

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 999

Contact Name: ERT DESK

Contact Phone: (212) 580-8383

DEC Memo: 04/17/06 - See e-docs for Con Ed report detailing cleanup and

closure.04/17/06 - See e-docs for Con Ed report detailing cleanup and

closure.162924. Alice F. Williams, Employee # 75829, Specialist -

Transmission Operations Department, reports on Thursday, February 9,

2006 @ 12:35 Hrs.: Sam Walker, Employee # 11210, Supervisor working

for Maintenance & Construction Services, reported that while

inspecting manholes he found approximately 314 gallons of unknown oil

in Manhole 61677 - Feeder 29231. The oil is contained in the manhole.

There are no injuries or outside impact, no active fire or smoke and

no sewers, waterways or private property affected. Environmental

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S107522850 **DIST/DIR:** 0.021 North **ELEVATION:** 74 **MAP ID:** A3

NAME: MANHOLE #61677

Rev: 05/19/2014

ADDRESS: 4TH AVE & 51 STREET
BROOKLYN, NY
KINGS

ID/Status: 0512999 / 4/17/2006

SOURCE: NY Department of Environmental Conservation

Warning Tag # 5560 was installed. Samples of the oil were taken and will be brought back to Chem Lab for Oil ID and PCB analysis. Cleanup pending test results. Update, Leon Paretsky, Transmission Operations, Feb 9-06 @ 1655 hrs Informed by Vern Schaefer, Program Manager, Transmission Operations, that Transmission Operations Supervisor Vincent Boatright entered manhole and determine that there was only about 15 gals of oil in the manhole. Called Art Hudman, ERT, and informed him of update. Will change incident description to reflect new amount. Change from "Approximately 314 gallons of unknown oil found in MH 61677 - Feeder 29231" to "MH61677 - fdr 29231/29232 - about 15 gals unknown oil found in MH((update amt))"

Remarks: no to 5 questions, maybe dielectri fluid, a feeder #29231, clean up pending lab results: coned # 162924

Material:

Site ID: 359407

Operable Unit ID: 1116616

Operable Unit: 01

Material ID: 2107058

Material Code: 0066A

Material Name: UNKNOWN PETROLEUM

Case No.: Not reported

Material FA: Petroleum

Quantity: 314

Units: Gallons

Recovered: No

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S108638666 **DIST/DIR:** 0.045 South **ELEVATION:** 84 **MAP ID:** B4

NAME: 424 52ND STREET

Rev: 05/19/2014

ADDRESS: 424 52ND STREET
BROOKLYN, NY
KINGS

ID/Status: 0703800 / 1/28/2008

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0703800

Facility Type: ER

DER Facility ID: 333243

Site ID: 383815

DEC Region: 2

Spill Date: 7/3/2007

Spill Number/Closed Date: 0703800 / 1/28/2008

Spill Cause: Other

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: rmpiper

Referred To: Not reported

Reported to Dept: 7/3/2007

CID: 444

Water Affected: Not reported

Spill Source: Private Dwelling

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 7/3/2007

Spill Record Last Update: 1/28/2008

Spiller Name: BOB URBAN

Spiller Company: Not reported

Spiller Address: 424 52ND STREET

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 001

Contact Name: BOB URBAN

Contact Phone: (631) 321-4670

DEC Memo: Buried 275 tank in front of house. Property sale pending. Purchaser hired ProTest to test the tank and it failed. Tank must be either: 1)

Exavated with end point samples taken - or 2) Abandoned in place with soil borings taken around it to prove it's clean. Purchaser: Sean 646

265 8641 Seller's Broker: 917-859-5397 Bill Duke Fillmore Real

Estate Fillmore.com fax 718 788 5129 Seller: Mr Michael Tucker, Vomed

Inc. 265 Coast Ave, Westbury NY 115908/27/07- DECP iper spoke w.

Windmill Env. They will be removing tank and will call when it is

scheduled. 631-360-89011/23/08- DEC Piper recieved letter from protest

requesting spill be closed now that tank was removed. As per protest,

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S108638666 **DIST/DIR:** 0.045 South **ELEVATION:** 84 **MAP ID:** B4

NAME: 424 52ND STREET

Rev: 05/19/2014

ADDRESS: 424 52ND STREET
BROOKLYN, NY
KINGS

ID/Status: 0703800 / 1/28/2008

SOURCE: NY Department of Environmental Conservation

tank was removed as part of a real estate sale and no contamination
was encountered. Closed. See e-docs if warranted.

Remarks: 275 GALLON TANK FAILED TIGHTNESS

Material:

Site ID: 383815

Operable Unit ID: 1141144

Operable Unit: 01

Material ID: 2131344

Material Code: 0001A

Material Name: #2 Fuel Oil

Case No.: Not reported

Material FA: Petroleum

Quantity: Not reported

Units: Gallons

Recovered: No

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site ID: 383815

Spill Tank Test: 1550957

Tank Number: 1

Tank Size: 275

Test Method: 03

Leak Rate: 0

Gross Fail: Not reported

Modified By: Watchdog

Last Modified: 7/3/2007

Test Method: Horner EZ Check I or II

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S112809779 **DIST/DIR:** 0.045 South **ELEVATION:** 85 **MAP ID:** B5

NAME: CONCRETE

Rev: 05/19/2014

ADDRESS: 427 52ND ST
BROOKLYN, NY
KINGS

ID/Status: 1215234 / 2/4/2013

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 1215234

Facility Type: ER

DER Facility ID: 433791

Site ID: 478521

DEC Region: 2

Spill Date: 2/2/2013

Spill Number/Closed Date: 1215234 / 2/4/2013

Spill Cause: Equipment Failure

Spill Class: Not reported

SWIS: 2401

Investigator: HRPATEL

Referred To: Not reported

Reported to Dept: 2/2/2013

CID: Not reported

Water Affected: Not reported

Spill Source: Commercial Vehicle

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 2/2/2013

Spill Record Last Update: 2/4/2013

Spiller Name: Not reported

Spiller Company: DOMINIC FUEL

Spiller Address: Not reported

Spiller City,St,Zip: NY

Spiller Company: 999

Contact Name: TONY MAGNOTTA

Contact Phone: (516) 767-1616

DEC Memo: 02/04/13-Hiralkumar Patel.10:28 AM:- spoke with Tony at Dominic Fuel.

he mentioned that less than 1 gal oil spilled on concrete pavement
only, as delivery nozzle opened up before filling. all cleaned
up.case closed.

Remarks: Caller advised nosal opened up before filling tank and spilled onto
concrete. Clean up is in process.

Material:

Site ID: 478521

Operable Unit ID: 1228293

Operable Unit: 01

Material ID: 2225871

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S112809779 **DIST/DIR:** 0.045 South **ELEVATION:** 85 **MAP ID:** B5

NAME: CONCRETE
ADDRESS: 427 52ND ST
BROOKLYN, NY
KINGS

Rev: 05/19/2014
ID/Status: 1215234 / 2/4/2013

SOURCE: NY Department of Environmental Conservation

Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S107522332 **DIST/DIR:** 0.051 NE **ELEVATION:** 77 **MAP ID:** 6

NAME: SB #45511

Rev: 05/19/2014

ADDRESS: 4 AVE /& 50 ST
BROOKLYN, NY
KINGS

ID/Status: 0512310 / 6/14/2006

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0512310

Facility Type: ER

DER Facility ID: 308588

Site ID: 358600

DEC Region: 2

Spill Date: 1/24/2006

Spill Number/Closed Date: 0512310 / 6/14/2006

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: GDBREEN

Referred To: Not reported

Reported to Dept: 1/24/2006

CID: 408

Water Affected: Not reported

Spill Source: Commercial/Industrial

Spill Notifier: Responsible Party

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 1/24/2006

Spill Record Last Update: 7/17/2006

Spiller Name: Not reported

Spiller Company: CON EDISON 151710

Spiller Address: Not reported

Spiller City,St,Zip: ZZ

Spiller Company: 001

Contact Name: ERT DESK'

Contact Phone: (212) 580-8383

DEC Memo: 06/14/06 - See e-docs for Con Ed report detailing cleanup and closure.162698. 24-JAN-2006 13:28 HRS. CONST. MGMT. DEPT.INSPECTOR G.FERNANDEZ EMP# 90222 REPORTS: WHILE ON LOCATION TO ENLARGE STRUCTURE (SB45511 (MAKING IT A MANHOLE)) ON ACCT# 20116 FOUND: SHEEN OF UNKNOWN OIL ON APPROX. 1 GAL OF WATER. THE STRUCTURE HAS A DIRT FLOOR (NOT CONTAINED). NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. THERE IS NO FIRE INVOLVEMENT .NO SMOKE INVOLVEMENT. THERE WERE NO INJURIES RELATED TO THIS INCIDENT. THERE ARE NO INCLEMENT WEATHER CONDITIONS OR HAZARD THAT CONTRIBUTED TO THIS SPILL. NO PRIVATEPROPERTY AFFECTED. OWNER OF SUBSTANCES IS UNKNOWN. ENVIR. TAG

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S107522332 **DIST/DIR:** 0.051 NE **ELEVATION:** 77 **MAP ID:** 6

NAME: SB #45511

Rev: 05/19/2014

ADDRESS: 4 AVE /& 50 ST
BROOKLYN, NY
KINGS

ID/Status: 0512310 / 6/14/2006

SOURCE: NY Department of Environmental Conservation

WILL BE PLACED & 1 LIQ. SAMPLE WILL BE TAKEN WHEN SAMPLE JAR & ENVIR.
TAG ARE AVAILABLE. SAMPLE WILL BE MARKED PRIORITY " E ". CHAIN OF
CUSTODY FORM NUMBER TO FOLLOW. THE SAMPLE WILL BE TAKEN TO ASTORIA
CHEM. LAB. NO PARKING. C.HOGAN 07511

Remarks: PENDIONG SAMPLE, UNKNOWN SHEEN, CON ED # 162698

Material:

Site ID: 358600

Operable Unit ID: 1115838

Operable Unit: 01

Material ID: 2105947

Material Code: 0066A

Material Name: UNKNOWN PETROLEUM

Case No.: Not reported

Material FA: Petroleum

Quantity: Not reported

Units: Gallons

Recovered: No

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S103936998 **DIST/DIR:** 0.062 ESE **ELEVATION:** 91 **MAP ID:** C7

NAME: SERVICE BOX 51207

Rev: 05/19/2014

ADDRESS: 445 51ST ST
BROOKLYN, NY
KINGS

ID/Status: 9901425 / 5/18/1999

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 9901425

Facility Type: ER

DER Facility ID: 151856

Site ID: 181052

DEC Region: 2

Spill Date: 5/6/1999

Spill Number/Closed Date: 9901425 / 5/18/1999

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: JHOCONNE

Referred To: Not reported

Reported to Dept: 5/6/1999

CID: 257

Water Affected: Not reported

Spill Source: Unknown

Spill Notifier: Affected Persons

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 5/6/1999

Spill Record Last Update: 6/14/2000

Spiller Name: Not reported

Spiller Company: UNKNOWN

Spiller Address: Not reported

Spiller City,St,Zip: NY

Spiller Company: 999

Contact Name: STEVEN CRIBBIN

Contact Phone: (212) 580-6763

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"O'CONNELL"con ed e2mis notes:Found Approx 1 quart of unknown oil on

30 gallons of water. No sewers or waterwayss affected. <1.00ppm,

Update: 5-7-99, 1330: <1.00ppm cleanup complete and tag removed.

Remarks: cleanup pending test results about 1 quart of product ref #124693

Material:

Site ID: 181052

Operable Unit ID: 1076195

Operable Unit: 01

Material ID: 304972

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S103936998 **DIST/DIR:** 0.062 ESE **ELEVATION:** 91 **MAP ID:** C7

NAME: SERVICE BOX 51207

Rev: 05/19/2014

ADDRESS: 445 51ST ST
BROOKLYN, NY
KINGS

ID/Status: 9901425 / 5/18/1999

SOURCE: NY Department of Environmental Conservation

Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S106017449 **DIST/DIR:** 0.067 ESE **ELEVATION:** 93 **MAP ID:** C8

NAME: SERVICE BOX 51208

Rev: 05/19/2014

ADDRESS: 448-450 51ST ST
BROOKLYN, NY
KINGS

ID/Status: 0305503 / 2/11/2004

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0305503

Facility Type: ER

DER Facility ID: 108346

Site ID: 125234

DEC Region: 2

Spill Date: 8/22/2003

Spill Number/Closed Date: 0305503 / 2/11/2004

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: JHOCONNE

Referred To: Not reported

Reported to Dept: 8/23/2003

CID: 199

Water Affected: Not reported

Spill Source: Unknown

Spill Notifier: Responsible Party

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 8/23/2003

Spill Record Last Update: 2/11/2004

Spiller Name: Not reported

Spiller Company: Not reported

Spiller Address: Not reported

Spiller City,St,Zip: ***Update***, ZZ

Spiller Company: 001

Contact Name: TOM MARCINEK

Contact Phone: (212) 580-6763

DEC Memo: Prior to Sept, 2004 data translation this spill Lead DEC Field was "O'CONNELL"e2mis no. 149-967:ON LOCATION TO REPAIR SERVICE REPORTS FINDING IN SB-51208 APPROX 14 OUNCES OF AN UNKNOWN OIL ON 25 GALLONS OF STANDING WATER. LIQUID SAMPLE TAKEN. UPDATE @ 1936 HRS 8/22 LAB RESULTS RECEIVED SEQ #03-06977-001 @ <1 PPM.9/12/03 CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH SLIX. NO SUMPS OR DRAINS IN STRUCTURE.

Remarks: 14oz of unk material on 200 gal of water in the svc box con ed spill # 149967

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S106017449 **DIST/DIR:** 0.067 ESE **ELEVATION:** 93 **MAP ID:** C8

NAME: SERVICE BOX 51208

Rev: 05/19/2014

ADDRESS: 448-450 51ST ST
BROOKLYN, NY
KINGS

ID/Status: 0305503 / 2/11/2004

SOURCE: NY Department of Environmental Conservation

Material:

Site ID: 125234

Operable Unit ID: 873942

Operable Unit: 01

Material ID: 502754

Material Code: 0066A

Material Name: UNKNOWN PETROLEUM

Case No.: Not reported

Material FA: Petroleum

Quantity: 1

Units: Gallons

Recovered: No

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S102148381 **DIST/DIR:** 0.085 NE **ELEVATION:** 77 **MAP ID:** 9

NAME: 4HT AVENUE & 50TH STREET

Rev: 05/19/2014

ADDRESS: 4TH AVE/50TH ST
BROOKLYN, NY
KINGS

ID/Status: 9403733 / 3/6/1995

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 9403733

Facility Type: ER

DER Facility ID: 156881

Site ID: 187749

DEC Region: 2

Spill Date: 6/14/1994

Spill Number/Closed Date: 9403733 / 3/6/1995

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: MCTIBBE

Referred To: Not reported

Reported to Dept: 6/16/1994

CID: Not reported

Water Affected: Not reported

Spill Source: Unknown

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 9/22/1994

Spill Record Last Update: 1/26/1998

Spiller Name: Not reported

Spiller Company: UNKNOWN

Spiller Address: Not reported

Spiller City,St,Zip: NY

Spiller Company: 999

Contact Name: Not reported

Contact Phone: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"TIBBE"10/10/95: This is additional information about material
spilled from the translation of the old spill file: MANHOLE W/OIL.

CLEANED BY NYNEX.

Remarks: WILL CLEAN UP SLUDGE

Material:

Site ID: 187749

Operable Unit ID: 1000756

Operable Unit: 01

Material ID: 383904

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S102148381 **DIST/DIR:** 0.085 NE **ELEVATION:** 77 **MAP ID:** 9

NAME: 4HT AVENUE & 50TH STREET

Rev: 05/19/2014

ADDRESS: 4TH AVE/50TH ST
BROOKLYN, NY
KINGS

ID/Status: 9403733 / 3/6/1995

SOURCE: NY Department of Environmental Conservation

Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

LTANKS

EDR ID: S106385726 **DIST/DIR:** 0.088 ENE **ELEVATION:** 93 **MAP ID:** 10

NAME: VIDINHA RESIDENCE **Rev:** 05/19/2014
ADDRESS: 442 50TH STREET ID/Status: 0312507 / 7/12/2004
BROOKLYN, NY ID/Status: 0314286 / 3/31/2004
KINGS
SOURCE: NY Department of Environmental Conservation

LTANKS:

Site ID: 99378
Spill Number/Closed Date: 0312507 / 7/12/2004
Spill Date: 2/10/2004
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2/10/2004
CID: 406
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2/10/2004
Spill Record Last Update: 7/12/2004
Spiller Name: JEFF COHEN
Spiller Company: BORO FUEL
Spiller Address: 2 CHURCH AVE
Spiller City,St,Zip: BROOKLYN, NY 11217
Spiller County: 001
Spiller Contact: LINDA VIDINHA (HOMEOWNER)
Spiller Phone: (718) 492-0006
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 108697
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEMO" Sangesland spoke with Ray Lara. He said there was a spill in a basement of the house. He says they switched to gas heat and forgot to cancel the automatic delivery. Spill was minor. Stained an area approx 8' x 10' on the cement floor. PTC is laying speedie dry and will cleanup when absorbed. 3/26/2004 Sangesland spoke with Ray Lara of PTC. PTC did a basement digout, clean fill and repoured a cement floor. The homeowner said there was still an oil problem. PTC has reopened the floor and drilled several borings throughout the basement. When results come back PTC will forward them on to the DEC for closure. 3/31/2004 DeMeo spoke to Linda Vidinha (homeowner) who

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

LTANKS

EDR ID: S106385726 **DIST/DIR:** 0.088 ENE **ELEVATION:** 93 **MAP ID:** 10

NAME: VIDINHA RESIDENCE

Rev: 05/19/2014

ADDRESS: 442 50TH STREET
BROOKLYN, NY
KINGS

ID/Status: 0312507 / 7/12/2004
ID/Status: 0314286 / 3/31/2004

SOURCE: NY Department of Environmental Conservation

says there is still an oil problem at the house. She says PTC did an initial digout and then poured a new cement floor over a contaminated area. PTC came back and did some additional work, but she says there is still an oil smell. She would like the area properly excavated and cleaned.3/31/2004 Sangesland spoke with Ray Lara at PTC. He said he over excavated the basement and pulled out clean soil. He took two soil samples that came back clean. He says the excavation is still open and he's waiting for word from DEC before he closes it up. Sangesland suggested that Ray speak with DeMeo to set up a time to visit the house to discuss what would be required to close the case out. 4/7/04 TJD Site inspection. Basement excavation complete. No contaminated soils identified via olfactory or visual inspection. Strong residual vapors still present inside residence, vapors are attributable to the use of "sweet air" by oil company/contractor. Endpoint sample analysis all below TAGM. Oil company & contractor have been directed to backfill excavation and restore concrete floor in basement. Upon completion the new floor must be coated with 2-part epoxy.7/12/04 TJD Homeowner contacted DeMeo, All work has been completed to her satisfaction and she has requested a NFA letter for her files. Spill closed. Letter mailed.

Remarks: Tank Overfill. Approx 10 gal. was spilled on land. Working on cleaning it up.

Material:

Site ID: 99378
Operable Unit ID: 877750
Operable Unit: 01
Material ID: 497710
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 125672
Spill Number/Closed Date: 0314286 / 3/31/2004
Spill Date: 2/10/2004

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

LTANKS

EDR ID: S106385726 **DIST/DIR:** 0.088 ENE **ELEVATION:** 93 **MAP ID:** 10

NAME: VIDINHA RESIDENCE **Rev:** 05/19/2014
ADDRESS: 442 50TH STREET ID/Status: 0312507 / 7/12/2004
BROOKLYN, NY ID/Status: 0314286 / 3/31/2004
KINGS
SOURCE: NY Department of Environmental Conservation

Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 3/31/2004
CID: 444
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 3/31/2004
Spill Record Last Update: 3/31/2004
Spiller Name: JEFF COHEN
Spiller Company: BORROW FUEL CO.
Spiller Address: 2 CHURCH AVE
Spiller City,St,Zip: BROOKLYN, ZZ
Spiller County: 001
Spiller Contact: LINDA VIDINHA
Spiller Phone: (718) 492-0006
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 108697
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was
"SANGESLAND"duplicate spill number - closedcross ref #0312507
Remarks: caller states she does not oil heat and oil co. tried to delivery to
her house and her nieghbor stopped them. she didi not think anyone
reported it:

Material:
Site ID: 125672
Operable Unit ID: 879730
Operable Unit: 01
Material ID: 495860
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

LTANKS

EDR ID: S106385726 **DIST/DIR:** 0.088 ENE **ELEVATION:** 93 **MAP ID:** 10

NAME: VIDINHA RESIDENCE
ADDRESS: 442 50TH STREET
BROOKLYN, NY
KINGS

Rev: 05/19/2014
ID/Status: 0312507 / 7/12/2004
ID/Status: 0314286 / 3/31/2004

SOURCE: NY Department of Environmental Conservation

Quantity: 0
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S104653010 **DIST/DIR:** 0.090 ENE **ELEVATION:** 87 **MAP ID:** 11

NAME: MANHOLE SB51095

Rev: 05/19/2014

ADDRESS: I/F/O 423-425 50TH ST
BROOKLYN, NY
KINGS

ID/Status: 0002254 / 9/24/2001

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0002254

Facility Type: ER

DER Facility ID: 239356

Site ID: 295777

DEC Region: 2

Spill Date: 5/23/2000

Spill Number/Closed Date: 0002254 / 9/24/2001

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: JHOCONNE

Referred To: Not reported

Reported to Dept: 5/23/2000

CID: 389

Water Affected: Not reported

Spill Source: Unknown

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 5/23/2000

Spill Record Last Update: 11/2/2001

Spiller Name: UNKNOWN

Spiller Company: UNKNOWN

Spiller Address: UNKNOWN

Spiller City,St,Zip: UNKNOWN, NY

Spiller Company: 999

Contact Name: CALLER

Contact Phone: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"O'CONNELL"Con Ed e2mis #131541:5-23-00 1/2qt unknown oil on 2gal

water found in service box while doing flush for #9. Sample returned

<1ppm PCB.5-25-00 Cleanup completed by double washing with slix.

Liquids removed by tanker, solids by vactor. No sump found. No

leaking equipment.

Remarks: caller reporting a spill of material from unk source samples taken

clean up pending lab results coned#131541 no callback req.

Material:

Site ID: 295777

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S104653010 **DIST/DIR:** 0.090 ENE **ELEVATION:** 87 **MAP ID:** 11

NAME: MANHOLE SB51095

Rev: 05/19/2014

ADDRESS: I/F/O 423-425 5OTH ST
BROOKLYN, NY
KINGS

ID/Status: 0002254 / 9/24/2001

SOURCE: NY Department of Environmental Conservation

Operable Unit ID: 823769
Operable Unit: 01
Material ID: 550622
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S108956352 **DIST/DIR:** 0.091 SW **ELEVATION:** 78 **MAP ID:** D12

NAME: LIGHT OF THE WORLD

Rev: 05/19/2014

ADDRESS: 5323 4TH AVE
BROOKLYN, NY
KINGS

ID/Status: 0708461 / 11/2/2007

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0708461

Facility Type: ER

DER Facility ID: 338945

Site ID: 389363

DEC Region: 2

Spill Date: 11/2/2007

Spill Number/Closed Date: 0708461 / 11/2/2007

Spill Cause: Human Error

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: smsanges

Referred To: Not reported

Reported to Dept: 11/2/2007

CID: 404

Water Affected: Not reported

Spill Source: Institutional, Educational, Gov., Other

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 11/2/2007

Spill Record Last Update: 11/2/2007

Spiller Name: VICTOR CORTEZ

Spiller Company: LIGHT OF THE WORLD

Spiller Address: 5323 4TH AVE

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 001

Contact Name: VICTOR CORTEZ

Contact Phone: (917) 553-8775

DEC Memo: Sangesland checked with Blue Diamond. They sent a cleanup crew. Overfill came out the ventline onto cement walkway. No soil or drains impacted. No spill in basement. Cleanup is completed.

Remarks: customer wanted a certain amount of fuel; when driver put it in it overflowed; clean up in progress

Material:

Site ID: 389363

Operable Unit ID: 1146499

Operable Unit: 01

Material ID: 2136877

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S108956352 **DIST/DIR:** 0.091 SW **ELEVATION:** 78 **MAP ID:** D12

NAME: LIGHT OF THE WORLD

Rev: 05/19/2014

ADDRESS: 5323 4TH AVE
BROOKLYN, NY
KINGS

ID/Status: 0708461 / 11/2/2007

SOURCE: NY Department of Environmental Conservation

Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 4
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S109829293 **DIST/DIR:** 0.093 WSW **ELEVATION:** 75 **MAP ID:** D13

NAME: COMMERICAL BUILDING

Rev: 05/19/2014

ADDRESS: 5302 4TH AVE
NEW YORK, NY
KINGS

ID/Status: 0906402 / 9/2/2009

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0906402

Facility Type: ER

DER Facility ID: 367835

Site ID: 418737

DEC Region: 2

Spill Date: 8/24/2009

Spill Number/Closed Date: 0906402 / 9/2/2009

Spill Cause: Traffic Accident

Spill Class: Not reported

SWIS: 2401

Investigator: HRAHMED

Referred To: Not reported

Reported to Dept: 9/2/2009

CID: Not reported

Water Affected: Not reported

Spill Source: Commercial/Industrial

Spill Notifier: Local Agency

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 9/2/2009

Spill Record Last Update: 9/2/2009

Spiller Name: Not reported

Spiller Company: MVA

Spiller Address: Not reported

Spiller City,St,Zip: NY

Spiller Company: 999

Contact Name: CALLER

Contact Phone: Not reported

DEC Memo: 09/02/09-HRAHMED-Spoke to DEP Hazmat John. Cleanup was completed by

DEP.This spill is closed.

Remarks: Clean up complete

Material:

Site ID: 418737

Operable Unit ID: 1174901

Operable Unit: 01

Material ID: 2167289

Material Code: 0021

Material Name: Transmission Fluid

Case No.: Not reported

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S109829293 **DIST/DIR:** 0.093 WSW **ELEVATION:** 75 **MAP ID:** D13

NAME: COMMERICAL BUILDING

Rev: 05/19/2014

ADDRESS: 5302 4TH AVE
NEW YORK, NY
KINGS

ID/Status: 0906402 / 9/2/2009

SOURCE: NY Department of Environmental Conservation

Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111458084 **DIST/DIR:** 0.094 SW **ELEVATION:** 77 **MAP ID:** D14

NAME: BASEMENT BOILER ROOM

Rev: 05/19/2014

ADDRESS: 5324 4TH AVE
BROOKLYN, NY
KINGS

ID/Status: 1112576 / 8/28/2012

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 1112576

Facility Type: ER

DER Facility ID: 414997

Site ID: 460522

DEC Region: 2

Spill Date: 1/31/2012

Spill Number/Closed Date: 1112576 / 8/28/2012

Spill Cause: Equipment Failure

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: vszhune

Referred To: Not reported

Reported to Dept: 1/31/2012

CID: Not reported

Water Affected: Not reported

Spill Source: Institutional, Educational, Gov., Other

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 1/31/2012

Spill Record Last Update: 8/28/2012

Spiller Name: RAY LARA

Spiller Company: UNKNOWN

Spiller Address: 5324 4TH AVE

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 999

Contact Name: RAY LARA

Contact Phone: Not reported

DEC Memo: Ray Lara from PTC said the spill of 100 gal was contained in the basement tank room at the church. He was cleaning and vaccuming the floor. Need to call Ray at PTC (718-624-4842) to see if the floor had cracks and may have oil under the basement floor. Also need to get a name/phone number for someone at the church to talk about a site visit. Margie from Church 718-908-3521 718-439-694403/08/12-Zhune spoke to Margie from the church. She said PTC completed the cleanup. She will call PTC to ask them to send to DEC the spill closure report. 08/28/12-Petroleum Tank Cleaners sent the report dated 08/13/2012. Peteoleum Tank Cleaners was contracted by Sunset Park

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111458084 **DIST/DIR:** 0.094 SW **ELEVATION:** 77 **MAP ID:** D14

NAME: BASEMENT BOILER ROOM

Rev: 05/19/2014

ADDRESS: 5324 4TH AVE
BROOKLYN, NY
KINGS

ID/Status: 1112576 / 8/28/2012

SOURCE: NY Department of Environmental Conservation

Community Church on January 31, 2012 to respond to a #2 fuel oil spill. A release of approximately 75 gallons was caused by a defective filter. As part of the initial clean up, PTC utilized a vacuum truck to recover as much liquid fuel oil off the floor. Once the liquid was pumped out of the boiler room using the vacuum truck, PTC placed seven (7) bags of speedy dry down to absorb the remaining oil. Contaminated material that was removed from the site was properly drummed, sealed, and disposed of. No cracks or pathways were observed in the poured concrete floor that would suggest that the subsurface was affected. Spill Closed.

Remarks: spill took place @ a church, unknown name, nothing affected - only contained to concrete clean up in progress

Material:

Site ID: 460522
Operable Unit ID: 1210624
Operable Unit: 01
Material ID: 2208254
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA NonGen / NLR

EDR ID: 1014395388 **DIST/DIR:** 0.096 South **ELEVATION:** 92 **MAP ID:** 15

NAME: NYC DEP

Rev: 06/10/2014

ADDRESS: 438 53RD ST
BROOKLYN, NY 11220
KINGS

ID/Status: NYP003662764

SOURCE: US Environmental Protection Agency

RCRA NonGen / NLR:

Date form received by agency: 03/22/2006

Facility name: NYC DEP

Facility address: 438 53RD ST
BROOKLYN, NY 11220

EPA ID: NYP003662764

Mailing address: JUNCTION BLVD
FLUSHING, NY 11373

Contact: JOANNE NURSE

Contact address: JUNCTION BLVD
FLUSHING, NY 11373

Contact country: US

Contact telephone: (718) 595-4675

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Violation Status: No violations found

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S112147203 **DIST/DIR:** 0.097 NW **ELEVATION:** 60 **MAP ID:** E16

NAME: LEAKING 275-GALLON AST

Rev: 05/19/2014

ADDRESS: 333 51ST STREET
BROOKLYN, NY
KINGS

ID/Status: 1202971 / Not Reported

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 1202971

Facility Type: ER

DER Facility ID: 420102

Site ID: 465757

DEC Region: 2

Spill Date: 6/25/2012

Spill Number/Closed Date: 1202971 / Not Reported

Spill Cause: Equipment Failure

Spill Class: Not reported

SWIS: 2401

Investigator: JBVOUGHT

Referred To: Not reported

Reported to Dept: 6/25/2012

CID: Not reported

Water Affected: Not reported

Spill Source: Private Dwelling

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 1

Date Entered In Computer: 6/25/2012

Spill Record Last Update: 7/13/2012

Spiller Name: ANGEL NIEVES

Spiller Company: ANGEL NIEVES

Spiller Address: 333 51ST STREET

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 999

Contact Name: ANGEL NIEVES

Contact Phone: (718) 492-6775

DEC Memo: 7/13/12-Vought-Primary off-hours responder. Called Angel Nieves

(Ph:718-492-6775) and no answer. Vought to try again.

Remarks: small leak on tank, loss on tank.c/u pending

Material:

Site ID: 465757

Operable Unit ID: 1215772

Operable Unit: 01

Material ID: 2213915

Material Code: 0001A

Material Name: #2 Fuel Oil

Case No.: Not reported

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S112147203 **DIST/DIR:** 0.097 NW **ELEVATION:** 60 **MAP ID:** E16

NAME: LEAKING 275-GALLON AST

Rev: 05/19/2014

ADDRESS: 333 51ST STREET
BROOKLYN, NY
KINGS

ID/Status: 1202971 / Not Reported

SOURCE: NY Department of Environmental Conservation

Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111159508 **DIST/DIR:** 0.106 WNW **ELEVATION:** 62 **MAP ID:** F17

NAME: PRIVATE RESIDENCE

Rev: 05/19/2014

ADDRESS: 326 52ND ST
BROOKLYN, NY
KINGS

ID/Status: 1105232 / 11/3/2011

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 1105232

Facility Type: ER

DER Facility ID: 407510

Site ID: 452874

DEC Region: 2

Spill Date: 8/7/2011

Spill Number/Closed Date: 1105232 / 11/3/2011

Spill Cause: Equipment Failure

Spill Class: Not reported

SWIS: 2401

Investigator: vszhune

Referred To: Not reported

Reported to Dept: 8/7/2011

CID: Not reported

Water Affected: Not reported

Spill Source: Private Dwelling

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 8/7/2011

Spill Record Last Update: 2/28/2012

Spiller Name: KEN WRENN

Spiller Company: HALPIN & DUNKER

Spiller Address: 326 52ND ST

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 999

Contact Name: KEN WRENN

Contact Phone: (516) 646-2009

DEC Memo: 08/07/11- Zhune spoke to Ken Wrenn (516-646-2009) from Petro. Filter

leaking. Petro stop the leak. As per ken approximately 5 gallons of oil into the dirt. Petro will go back today 08/08/11 to change filter.08/08/11- 9:30am Zhune spoke to Ivonne(Owner). Petro is coming at 11:00 am to change the valve.12:05pm. Zhune spoke to Henry Curb from Petro. He said they change the filter and the valve. Petro will call Milro to clean the spill. Ken Wrenn 516-686-2052.11/03/11- Milro sent an email including soil samples analytical results. The tank was disconnected and moved away to remove the soil contaminated under the tank. As per Paul from Milro 2 yards of contaminated soil were removed from the excavation (3'x 8'to 1'-1.5'). Five endpoint samples

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111159508 **DIST/DIR:** 0.106 WNW **ELEVATION:** 62 **MAP ID:** F17

NAME: PRIVATE RESIDENCE

Rev: 05/19/2014

ADDRESS: 326 52ND ST
BROOKLYN, NY
KINGS

ID/Status: 1105232 / 11/3/2011

SOURCE: NY Department of Environmental Conservation

were collected from North, South, East, West and bottom of the excavation. The analytical results indicated no VOC's and no SVOC's detected. There is a possibility that a new tank to be install. Spill Closed.

Remarks: Caller reporting a spill of an unknown amount of #2 fuel oil to dirt floor. Clean up pending.

Material:

Site ID: 452874

Operable Unit ID: 1203042

Operable Unit: 01

Material ID: 2199654

Material Code: 0001A

Material Name: #2 Fuel Oil

Case No.: Not reported

Material FA: Petroleum

Quantity: Not reported

Units: Gallons

Recovered: Not reported

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S102238451 **DIST/DIR:** 0.108 NNE **ELEVATION:** 71 **MAP ID:** G18

NAME: 4918 4TH AVENUE

Rev: 05/19/2014

ADDRESS: 4918 4TH AVENUE
BROOKLYN, NY
KINGS

ID/Status: 9511538 / 12/12/1995

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 9511538

Facility Type: ER

DER Facility ID: 248509

Site ID: 307710

DEC Region: 2

Spill Date: 12/12/1995

Spill Number/Closed Date: 9511538 / 12/12/1995

Spill Cause: Equipment Failure

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: TOMASELLO

Referred To: Not reported

Reported to Dept: 12/12/1995

CID: 311

Water Affected: Not reported

Spill Source: Private Dwelling

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 12/12/1995

Spill Record Last Update: 1/29/1996

Spiller Name: SAME

Spiller Company: JOHN KC HUNG

Spiller Address: 4918 4TH AVE

Spiller City,St,Zip: BROOKLYN, NY

Spiller Company: 001

Contact Name: JOHN KC HUNG

Contact Phone: (718) 225-3936

DEC Memo: Not reported

Remarks: OIL COMPANY REC'D A CALL FROM RESIDENT THAT PRODUCT HAD SPILLED
IN RESIDENCE. COMPANY RESPONDED TO CLEAN UP.

Material:

Site ID: 307710

Operable Unit ID: 1025754

Operable Unit: 01

Material ID: 358868

Material Code: 0001A

Material Name: #2 Fuel Oil

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S102238451 **DIST/DIR:** 0.108 NNE **ELEVATION:** 71 **MAP ID:** G18

NAME: 4918 4TH AVENUE

Rev: 05/19/2014

ADDRESS: 4918 4TH AVENUE
BROOKLYN, NY
KINGS

ID/Status: 9511538 / 12/12/1995

SOURCE: NY Department of Environmental Conservation

Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S103485073 **DIST/DIR:** 0.115 NNE **ELEVATION:** 71 **MAP ID:** G19

NAME: MANHOLE 58049

Rev: 05/19/2014

ADDRESS: 4TH AVE/49TH ST
BROOKLYN, NY
KINGS

ID/Status: 9808361 / 10/23/2002

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 9808361

Facility Type: ER

DER Facility ID: 92991

Site ID: 105418

DEC Region: 2

Spill Date: 10/6/1998

Spill Number/Closed Date: 9808361 / 10/23/2002

Spill Cause: Equipment Failure

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: JHOCONNE

Referred To: Not reported

Reported to Dept: 10/6/1998

CID: 382

Water Affected: Not reported

Spill Source: Major Facility > 400,000 gal

Spill Notifier: Responsible Party

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 10/6/1998

Spill Record Last Update: 10/23/2002

Spiller Name: Not reported

Spiller Company: CON ED

Spiller Address: Not reported

Spiller City,St,Zip: NY

Spiller Company: 999

Contact Name: BILL MURPHY

Contact Phone: (212) 580-6763

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"O'CONNELL" The following information was obtained from the ConEd

E2MIS report. 10 ounces of oil leaked from a paper wrapped

feeder. General Info: 400 Gallons of water. Feeder 8B85. How spill was

discovered: Found spill while doing scheduled work on the

feeder. Containment: No sewers or waterways affected. Oil containing

equipment in manhole: Information was unavailable at the time. Cleanup

Plan: Cleanup is pending sample results already taken with a 4-6 hour

turnaround. -spsCon Ed e2mis #120361:F.ABASSI #84130 OS UG REPORTS IN

MH58049 E/S 4 AVE 62' N/O 49 ST (FDR, SCH 8B85) HE FOUND THAT CABLE

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S103485073 **DIST/DIR:** 0.115 NNE **ELEVATION:** 71 **MAP ID:** G19

NAME: MANHOLE 58049
ADDRESS: 4TH AVE/49TH ST
BROOKLYN, NY
KINGS

Rev: 05/19/2014
ID/Status: 9808361 / 10/23/2002

SOURCE: NY Department of Environmental Conservation

(3C 350 PAPER) END (ENDSWERE BAGGED) LEAKED 10 OZ OF OIL ONTO 400 GAL OF WATER. HOLE CONTAINED AND NO SEWERS OR WATERWAYS AFFECTED. HE WAS TOLD TO TAKE SAMPLE WITH A 4 TO 6 HRS PRIORITY. WITH HOPE THAT IT WILL COME BACK LESS THAN 50 PPM DUE TO MANPOWER ON. E.S.TAG #11209 WAS PLACED. MR.ABBASSI WAS TOLD HOW TO TAKE A SAMPLE. CIG MURPHY NOTIFIED 1819 HRS LAZ #04425.UPDATE: 10/07/98 Chem Lab# 98-10688 9 PPM-JAP 56037UPDATE: 10/7/98 - 1230K. QUEST - 55475 - ENV. OPS., REPORTS 9 PPM CLEANUP COMPLETE AND TAG #11209 REMOVED. INCIDENT IS CLOSED. UPDATE - 5/14/02 @ 1300 HRS VERIFIED WITH FLUSH, THEY INDICATED THAT CABLE ENDS WERE RESEALED.

Remarks: SPILL CAUSED BY A LEAKING CABLE END APPROX 10 OZ OF FLUID. CLEAN UP WILL BE SCHEDULED AFTER LAB RESULTS RETURN CON ED 120-361

Material:

Site ID: 105418
Operable Unit ID: 1065807
Operable Unit: 01
Material ID: 569326
Material Code: 0541A
Material Name: DIELECTRIC FLUID
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S103485071 **DIST/DIR:** 0.115 NNE **ELEVATION:** 71 **MAP ID:** G20

NAME: MANHOLE 5822

Rev: 05/19/2014

ADDRESS: 4TH AVE/49TH ST
BROOKLYN, NY
KINGS

ID/Status: 9808359 / 10/23/2002

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 9808359

Facility Type: ER

DER Facility ID: 92991

Site ID: 277082

DEC Region: 2

Spill Date: 10/6/1998

Spill Number/Closed Date: 9808359 / 10/23/2002

Spill Cause: Equipment Failure

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: JHOCONNE

Referred To: Not reported

Reported to Dept: 10/6/1998

CID: 382

Water Affected: Not reported

Spill Source: Major Facility > 400,000 gal

Spill Notifier: Responsible Party

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 10/6/1998

Spill Record Last Update: 10/23/2002

Spiller Name: Not reported

Spiller Company: CON ED

Spiller Address: Not reported

Spiller City,St,Zip: NY

Spiller Company: 999

Contact Name: TONY CONSTANTINE

Contact Phone: (212) 580-6763

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"O'CONNELL" The following information was obtained from the ConEd

E2MIS report. 6 ounces of cable oil. Cable was cut and the ends were

bagged at a prior date. The bagged ends are leaking in addition to

the material that was left in hole when the cable was originally

cut General Info: 10 Gallons of water. Feeder 8B85. How spill was

discovered: Found spill while doing scheduled work on the

feeder. Containment: No sewers or waterways affected. Oil containing

equipment in manhole: Information was unavailable at the time. Cleanup

Plan: Cleanup is pending sample results. -spsCon Ed e2mis #120360:F.

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S103485071 **DIST/DIR:** 0.115 NNE **ELEVATION:** 71 **MAP ID:** G20

NAME: MANHOLE 5822
ADDRESS: 4TH AVE/49TH ST
BROOKLYN, NY
KINGS

Rev: 05/19/2014
ID/Status: 9808359 / 10/23/2002

SOURCE: NY Department of Environmental Conservation

Abassi#84130 o.s.in u.g.reports found about 6 ounces of cable oil on 10 gallons of water.cable was cut & bagged at a prior date.bagged ends are leaking and materials were left in hole when cable was cut.cable ends were resealed--- also their is a rats nest in manhole. no sewers or waterways affected. will take sample from leaking cable & placed e.s.tag#12143 asked foreman if there is a reserrior in hole --- cannot tell at this time. took sample because we do not have the manpower at this time to do a 50-499 cleanup. found oil spill due to scheduled work on fdr8b85 -- 3 conductor section. d.herbst 27461. cig was notified at 18:06hrs.UPDATE: 10/7/98 Chem Lab #98-10687 9.PPMUPDATE: 10/7/98 - 1035.K. QUEST - 55475 - ENV. OPS., REPORTS 9 PPM CLEANUP COMPLETE WITH SLIX AND TAG #12143 REMOVED.

Remarks: SPILL CONTAINED IN THE MANHOLE. CLEAN UP PENDING LAB RESULTS.

Material:

Site ID: 277082
Operable Unit ID: 1065805
Operable Unit: 01
Material ID: 315874
Material Code: 9999
Material Name: Other -
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S104788880 **DIST/DIR:** 0.117 WNW **ELEVATION:** 60 **MAP ID:** F21

NAME: SERVICE BOX #51249

Rev: 05/19/2014

ADDRESS: IFO 316 52ND ST
BROOKLYN, NY
KINGS

ID/Status: 0006318 / 8/18/2009

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0006318

Facility Type: ER

DER Facility ID: 227139

Site ID: 279714

DEC Region: 2

Spill Date: 8/28/2000

Spill Number/Closed Date: 0006318 / 8/18/2009

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: JMKRIMGO

Referred To: Not reported

Reported to Dept: 8/28/2000

CID: 390

Water Affected: Not reported

Spill Source: Unknown

Spill Notifier: Local Agency

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 8/28/2000

Spill Record Last Update: 8/18/2009

Spiller Name: UNKNOWN

Spiller Company: UNKNOWN

Spiller Address: UNKNOWN

Spiller City,St,Zip: UNKNOWN, NY

Spiller Company: 999

Contact Name: STEVEN ROMERO

Contact Phone: (212) 580-6763

DEC Memo: 08/18/09 - See eDocs for Con Ed report detailing cleanup and closure. Prior to Sept, 2004 data translation this spill Lead_DEC

Field was "O'CONNELL"

Remarks: 1 QT ON 100 GALS OF WATER - SAMPLE TAKEN CLEAN UP PENDING RESULTS

Material:

Site ID: 279714

Operable Unit ID: 827328

Operable Unit: 01

Material ID: 547435

Material Code: 0066A

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S104788880 **DIST/DIR:** 0.117 WNW **ELEVATION:** 60 **MAP ID:** F21

NAME: SERVICE BOX #51249

Rev: 05/19/2014

ADDRESS: IFO 316 52ND ST
BROOKLYN, NY
KINGS

ID/Status: 0006318 / 8/18/2009

SOURCE: NY Department of Environmental Conservation

Material Name: UNKNOWN PETROLEUM

Case No.: Not reported

Material FA: Petroleum

Quantity: 1

Units: Gallons

Recovered: No

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111159277 **DIST/DIR:** 0.119 NE **ELEVATION:** 83 **MAP ID:** 22

NAME: ABHAS CHAUDHURI HOME

Rev: 05/19/2014

ADDRESS: 415 49TH ST
BROOKLYN, NY
KINGS

ID/Status: 1104899 / 7/29/2011

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 1104899

Facility Type: ER

DER Facility ID: 407100

Site ID: 452513

DEC Region: 2

Spill Date: 7/29/2011

Spill Number/Closed Date: 1104899 / 7/29/2011

Spill Cause: Other

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: HRPATEL

Referred To: Not reported

Reported to Dept: 7/29/2011

CID: Not reported

Water Affected: Not reported

Spill Source: Private Dwelling

Spill Notifier: Other

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 7/29/2011

Spill Record Last Update: 7/29/2011

Spiller Name: Not reported

Spiller Company: SLOMANS INC

Spiller Address: 125 LAUMAN LANE

Spiller City,St,Zip: HICKSVILLE, NY 11801

Spiller Company: 999

Contact Name: ABHAS CHAUDHURI

Contact Phone: (718) 996-5692

DEC Memo: 7/2/9/11 - Raphael Ketani. According to Ralph Sposito of Slomans Inc.

(516) 932-7021, ext 2254, construction workers were working in the basement of the Abhas Chaudhuri home at 415 49th Street, Brooklyn (718) 996-5692 when they hit the fill pipe and broke it. At the same time, Slomans was delivering oil. A construction worker ran out and told the driver to stop. The delivery stopped and Mr. Sposito stated that only 1 gal. of oil spilled. The construction workers put down absorbent sand where the oil spilled. They will clean it up. I asked Mr. Sposito how they will deal with the oil contaminated sand. He said that they know what to do, but Mr. Sposito didn't elaborate. Mr.

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S111159277 **DIST/DIR:** 0.119 NE **ELEVATION:** 83 **MAP ID:** 22

NAME: ABHAS CHAUDHURI HOME

Rev: 05/19/2014

ADDRESS: 415 49TH ST
BROOKLYN, NY
KINGS

ID/Status: 1104899 / 7/29/2011

SOURCE: NY Department of Environmental Conservation

Sposito said that there are vapors in the home and all of the windows are open. I told him to tell the construction workers to get oily sand out of the home so that the vapors are limited and to keep the windows open all day. I added that someone should clean the floor of the basement. Mr. Sposito said that it will be cleaned.07/29/11-Hiralkumar Patel.11:46 AM:- spoke with Mr. Chaudhari. he mentioned that there is no construction happening at his home. instead the basement is used by his friend who stores construction tools. today, when he went to get some tools, oil company came to deliver. and while delivery, he noticed small leak from the fill line. so he notify the driver and stopped the delivery. Mr. Chaudhari mentioned that his friend will fix the line. site has one 275 gal AST on legs. asked Mr. Chaudhari to seal the fill port until the line is fixed.11:52 PM:- spoke with Louis (917-226-1089), Mr. Chaudhari's friend who use basement to store tools. he mentioned that a very small (less than 1 gal) amount of oil spilled from minor leak in fill line. he cleaned up spill and will fix the leak.2:35 PM:- spoke with Ralph at Slomans. he per the driver, they delivered 197.1 gal oil to the site. driver mentioned that when he finished delivery, right then a person came out and asked to stop delivery. driver inspected the basement and found about less than 1 gal oil spilled from an elbow on fill line right by the foundation wall. driver mentioned that leak was really minor.

Remarks: the home is under construction, while filling the delivery man did not realize fill pipe had been broken. Construction will repair and clean up site.

Material:

Site ID: 452513
Operable Unit ID: 1202695
Operable Unit: 01
Material ID: 2199296
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S106008280 **DIST/DIR:** 0.119 NW **ELEVATION:** 52 **MAP ID:** E23

NAME: MANHOLE #66770

Rev: 05/19/2014

ADDRESS: 3RD AVE 51ST ST
BROOKLYN, NY
KINGS

ID/Status: 0207132 / 5/20/2005

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0207132

Facility Type: ER

DER Facility ID: 180869

Site ID: 218626

DEC Region: 2

Spill Date: 10/10/2002

Spill Number/Closed Date: 0207132 / 5/20/2005

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: JHOCONNE

Referred To: Not reported

Reported to Dept: 10/10/2002

CID: 397

Water Affected: Not reported

Spill Source: Unknown

Spill Notifier: Affected Persons

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 10/10/2002

Spill Record Last Update: 5/20/2005

Spiller Name: UNKNOWN

Spiller Company: UNKNOWN

Spiller Address: UNKNOWN

Spiller City,St,Zip: UNKNOWN, NY

Spiller Company: 999

Contact Name: CALLER

Contact Phone: Not reported

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"RODRIGUEZ"E2MIS NOTES 145514P.DIGEGORIO #18669 TRANSMISSION OPS
DOING INSPECTIONS FOR FDR-26 REPORTS FINDING IN MH-66770 APPROX 1

GALLON OF UNKNOWN OIL ON 100 GALLONS OF STANDING WATER. NO SEWERS OR
WATERWAYS APPEAR AFFECTED, NO FIRE OR SMOKE INVOLVED, ON INJURIES

ORPRIVATE PROPERTY INVOLVED. STOP TAG #3358 PLACED. CHEM LAB TO BE

NOTIFIED TO SAMPLE STRUCTURE IN AM. CLEANUP PENDING

TESTRESULTS.CLEANUP CHECKLISTLess than 50ppm: KNOWNSample ID:

02-09524-001PCB: YESAmount discovered: 1 GALLONSpill discovered:

10-10-02 @ 0320Location of spill: M 66770 3RD AVE & 51ST ST,

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S106008280 **DIST/DIR:** 0.119 NW **ELEVATION:** 52 **MAP ID:** E23

NAME: MANHOLE #66770

Rev: 05/19/2014

ADDRESS: 3RD AVE 51ST ST
BROOKLYN, NY
KINGS

ID/Status: 0207132 / 5/20/2005

SOURCE: NY Department of Environmental Conservation

BROOKLYN, NYCleanup Activities: REMOVED/RECOVERED LIQUID/SOLIDS, USED
ABSORBENTS TO REMOVE RESIDUAL FLUIDS, REMOVED VISIBLE TRACES OF
OIL, WASHED STAINED AREAS Cleanup completed: 10-10-02 Manifest No.

MAM677639 Entered by: E McQueen, 45223, 06-10-04

Remarks: 1 gallons on top of 100 gallons of water

Material:

Site ID: 218626

Operable Unit ID: 859960

Operable Unit: 01

Material ID: 517716

Material Code: 0066A

Material Name: UNKNOWN PETROLEUM

Case No.: Not reported

Material FA: Petroleum

Quantity: 1

Units: Gallons

Recovered: No

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S105235758 **DIST/DIR:** 0.119 NW **ELEVATION:** 52 **MAP ID:** E24

NAME: MANHOLE # 66770

Rev: 05/19/2014

ADDRESS: 51ST ST/3RD AVE
BROOKLYN, NY
KINGS

ID/Status: 0107761 / 11/5/2001

SOURCE: NY Department of Environmental Conservation

SPILLS:

Facility ID: 0107761

Facility Type: ER

DER Facility ID: 200506

Site ID: 244122

DEC Region: 2

Spill Date: 10/30/2001

Spill Number/Closed Date: 0107761 / 11/5/2001

Spill Cause: Unknown

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Willing Responsible Party. Corrective action taken.

SWIS: 2401

Investigator: KMFOLEY

Referred To: Not reported

Reported to Dept: 10/30/2001

CID: 281

Water Affected: Not reported

Spill Source: Unknown

Spill Notifier: Affected Persons

Cleanup Ceased: Not reported

Cleanup Meets Std: False

Last Inspection: Not reported

Recommended Penalty: False

UST Trust: False

Remediation Phase: 0

Date Entered In Computer: 10/30/2001

Spill Record Last Update: 11/5/2001

Spiller Name: Not reported

Spiller Company: unknown

Spiller Address: Not reported

Spiller City,St,Zip: NY

Spiller Company: 999

Contact Name: MARK SCHLAGEL

Contact Phone: (212) 580-6765

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

"FOLEY"Con Ed e2mis #140028:10/30/01 Transmission Operations reported

20gal unknown oil on 2000gal water in manhole. Chem Lab will take

samples. Source is unknown. Leak update: USi leak detection system

showed 7.5gph on 10/30/01. USi contacted to review data and confirm.

Flow meter and tank level readings being taken. USi called S&TE and

confirmed that there was no leak. There was a modeling error due to

the fact that fdr 26 was out of service on the weekend. The leak

search was called off.PCB concentration is 9ppm.Clean Harbors removed

all liquids and solids from manhole and double washed hole.

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

NY Spills

EDR ID: S105235758 **DIST/DIR:** 0.119 NW **ELEVATION:** 52 **MAP ID:** E24

NAME: MANHOLE # 66770

Rev: 05/19/2014

ADDRESS: 51ST ST/3RD AVE
BROOKLYN, NY
KINGS

ID/Status: 0107761 / 11/5/2001

SOURCE: NY Department of Environmental Conservation

Remarks: ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. SAMPLE TAKEN. MATERIAL TO BE TREATED AS 50/499 PPM. CREW RESPONDING FOR CLEANUP. CON ED#140028.

Material:

Site ID: 244122

Operable Unit ID: 845002

Operable Unit: 01

Material ID: 529022

Material Code: 0066A

Material Name: UNKNOWN PETROLEUM

Case No.: Not reported

Material FA: Petroleum

Quantity: 20

Units: Gallons

Recovered: No

Resource Affected: Not reported

Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014926817 **DIST/DIR:** 0.146 SE **ELEVATION:** 111 **MAP ID:** 25

NAME: RITE AID #543

Rev: 06/10/2014

ADDRESS: 5224 FIFTH AVE
BROOKLYN, NY 11220
KINGS

ID/Status: NYR000186056

SOURCE: US Environmental Protection Agency

RCRA-LQG:

Date form received by agency: 05/10/2013

Facility name: RITE AID #543

Facility address: 5224 FIFTH AVE
BROOKLYN, NY 11220

EPA ID: NYR000186056

Mailing address: HUNTER LANE
CAMP HILL, PA 17011

Contact: STEPHANIE A CAIATI

Contact address: HUNTER LANE
CAMP HILL, PA 17011

Contact country: US

Contact telephone: (717) 730-8225

Contact email: SSCAIATI@RITEAID.COM

EPA Region: 02

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: RITE AID

Owner/operator address: Not reported
Not reported

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 05/19/1975

Owner/Op end date: Not reported

Owner/operator name: RITE AID OF NEW YORK INC

Owner/operator address: HUNTER LANE
CAMP HILL, PA 17011

Owner/operator country: US

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014926817 **DIST/DIR:** 0.146 SE **ELEVATION:** 111 **MAP ID:** 25

NAME: RITE AID #543 **Rev:** 06/10/2014
ADDRESS: 5224 FIFTH AVE **ID/Status:** NYR000186056
BROOKLYN, NY 11220
KINGS
SOURCE: US Environmental Protection Agency

Owner/operator telephone: (717) 761-2633
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/19/1975
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 11/04/2011
Site name: RITE AID #543
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

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

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014926817 **DIST/DIR:** 0.146 SE **ELEVATION:** 111 **MAP ID:** 25

NAME: RITE AID #543

Rev: 06/10/2014

ADDRESS: 5224 FIFTH AVE
BROOKLYN, NY 11220
KINGS

ID/Status: NYR000186056

SOURCE: US Environmental Protection Agency

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D024
Waste name: M-CRESOL

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,
WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075
Waste name: NICOTINE, & SALTS

Violation Status: No violations found

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

CBS

EDR ID: S102639475 **DIST/DIR:** 0.179 SE **ELEVATION:** 121 **MAP ID:** 26

NAME: CHERRY-HILL TEXTILE

Rev: 07/01/2014

ADDRESS: 53-01 51 AVENUE
BROOKLYN, NY 11220
KINGS

ID/Status: 2-000196
ID/Status: Administratively Closed

SOURCE: NY Department of Environmental Conservation

CBS:
CBS Number: 2-000196
Program Type: CBS
Facility Status: Administratively Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 583076.17383999
UTMY: 4500206.5383299

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

CBS AST

EDR ID: S102639475 **DIST/DIR:** 0.179 SE **ELEVATION:** 121 **MAP ID:** 26

NAME: CHERRY-HILL TEXTILE
ADDRESS: 53-01 51 AVENUE
BROOKLYN, NY 11220
KINGS
SOURCE: NY NYSDEC

Rev: 01/01/2002
ID/Status: 2-000196
ID/Status: IN SERVICE

CBS AST:
CBS Number: 2-000196
ICS Number: 2-700789
PBS Number: Not reported
MOSF Number: Not reported
SPDES Number: Not reported
Facility Status: IN SERVICE
Facility Type: D
Telephone: (718) 439-5800
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 03/15/1994
Total Capacity of All Active Tanks(gal): 3000
Operator: CHERRY-HILL TEXTILE
Emergency Contact: AL FISHER
Emergency Phone: (718) 282-5534
Owner Name: CHERRY-HILL TEXTILE
Owner Address: 53-01 51 AVENUE
Owner City,St,Zip: BROOKLYN, NY 11220
Owner Telephone: (718) 439-5800
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: CHERRY-HILL TEXTILE
Mail Contact Addr: PO BOX 45
Mail Contact Addr2: Not reported
Mail Contact Contact: AL FISHER
Mail Contact City,St,Zip: BROOKLYN, NY 11219
Mail Phone: (718) 439-5800

Tank Id: 001
CAS Number: 64197
Federal ID: Not reported
Tank Status: In Service
Install Date: 10/86
Tank Closed: Not reported
Capacity (Gal): 3000
Chemical: Acetic acid
Tank Location: Indoors, Aboveground
Tank Type: Stainless steel alloy
Total Tanks: 1
Tank Secret: False
Tank Secondary Containment: None
Tank Error Status: No Missing Data
Date Entered: 03/16/1990

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

CBS AST

EDR ID: S102639475 **DIST/DIR:** 0.179 SE **ELEVATION:** 121 **MAP ID:** 26

NAME: CHERRY-HILL TEXTILE
ADDRESS: 53-01 51 AVENUE
BROOKLYN, NY 11220
KINGS
SOURCE: NY NYSDEC

Rev: 01/01/2002
ID/Status: 2-000196
ID/Status: IN SERVICE

Certified Date: 07/06/1992
Substance: Single Hazardous Substance on DEC List
Internal Protection: None
External Protection: None
Pipe Location: Aboveground
Pipe Type: Wrapped Steel
Pipe Internal: None
Pipe External: None
Pipe Flag: None
Leak Detection: None
Overfill Protection: None
Haz Percent: 56
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6101
Lat/Long: Not reported
Is Updated: False
Renew Date: 06/01/92
Is It There: False
Delinquent: False
Date Expired: 03/15/94
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 09/01/1998

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014396738 **DIST/DIR:** 0.187 NNW **ELEVATION:** 45 **MAP ID:** H27

NAME: CON EDISON - MANHOLE 5786

Rev: 06/10/2014

ADDRESS: 3RD AVENUE AND 49TH STREET
BROOKLYN, NY 11220
KINGS

ID/Status: NYP004190534

SOURCE: US Environmental Protection Agency

RCRA-LQG:

Date form received by agency: 03/23/2010

Facility name: CON EDISON - MANHOLE 5786

Facility address: 3RD AVENUE AND 49TH STREET
BROOKLYN, NY 11220

EPA ID: NYP004190534

Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003

Contact: FRANKLYN MURRAY

Contact address: Not reported
Not reported

Contact country: Not reported

Contact telephone: (212) 460-2808

Contact email: MURRAYFR@CONED.COM

EPA Region: 02

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 08/12/2009

Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003

Owner/operator country: US

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014396738 **DIST/DIR:** 0.187 NNW **ELEVATION:** 45 **MAP ID:** H27

NAME: CON EDISON - MANHOLE 5786

Rev: 06/10/2014

ADDRESS: 3RD AVENUE AND 49TH STREET
BROOKLYN, NY 11220
KINGS

ID/Status: NYP004190534

SOURCE: US Environmental Protection Agency

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/12/2009
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 08/12/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014397059 **DIST/DIR:** 0.187 NNW **ELEVATION:** 45 **MAP ID:** H28

NAME: CON EDISON - MANHOLE 5786

Rev: 06/10/2014

ADDRESS: 3RD AVENUE & 49TH STREET
BROOKLYN, NY 11217
KINGS

ID/Status: NYP004193769

SOURCE: US Environmental Protection Agency

RCRA-LQG:

Date form received by agency: 03/23/2010

Facility name: CON EDISON - MANHOLE 5786

Facility address: 3RD AVENUE & 49TH STREET
BROOKLYN, NY 11217

EPA ID: NYP004193769

Mailing address: 4 IRVING PLACE

NEW YORK, NY 10003

Contact: FRANKLYN MURRAY

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: (212) 460-2808

Contact email: MURRAYFR@CONED.COM

EPA Region: 02

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE

NEW YORK, NY 10003

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 09/04/2009

Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE

NEW YORK, NY 10003

Owner/operator country: US

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014397059 **DIST/DIR:** 0.187 NNW **ELEVATION:** 45 **MAP ID:** H28

NAME: CON EDISON - MANHOLE 5786

Rev: 06/10/2014

ADDRESS: 3RD AVENUE & 49TH STREET
BROOKLYN, NY 11217
KINGS

ID/Status: NYP004193769

SOURCE: US Environmental Protection Agency

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/04/2009
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 09/04/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014396722 **DIST/DIR:** 0.194 West **ELEVATION:** 55 **MAP ID:** 29

NAME: CON EDISON - MANHOLE 5780

Rev: 06/10/2014

ADDRESS: 3RD AVENUE AND 54TH STREET
BROOKLYN, NY 11220
KINGS

ID/Status: NYP004190377

SOURCE: US Environmental Protection Agency

RCRA-LQG:

Date form received by agency: 03/23/2010

Facility name: CON EDISON - MANHOLE 5780

Facility address: 3RD AVENUE AND 54TH STREET
BROOKLYN, NY 11220

EPA ID: NYP004190377

Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003

Contact: FRANKLYN MURRAY

Contact address: Not reported
Not reported

Contact country: Not reported

Contact telephone: (212) 460-2808

Contact email: MURRAYFR@CONED.COM

EPA Region: 02

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 08/12/2009

Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003

Owner/operator country: US

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014396722 **DIST/DIR:** 0.194 West **ELEVATION:** 55 **MAP ID:** 29

NAME: CON EDISON - MANHOLE 5780

Rev: 06/10/2014

ADDRESS: 3RD AVENUE AND 54TH STREET
BROOKLYN, NY 11220
KINGS

ID/Status: NYP004190377

SOURCE: US Environmental Protection Agency

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/12/2009
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 08/12/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

LTANKS

EDR ID: S104510039 **DIST/DIR:** 0.202 East **ELEVATION:** 122 **MAP ID:** 30

NAME: LUTHERAN MEDICAL CTR

Rev: 05/19/2014

ADDRESS: 514 49TH ST
BROOKLYN, NY
KINGS

ID/Status: 1305012 / 10/31/2013

SOURCE: NY Department of Environmental Conservation

LTANKS:

Site ID: 485566

Spill Number/Closed Date: 1305012 / 10/31/2013

Spill Date: 8/8/2013

Spill Cause: Tank Test Failure

Spill Source: Commercial/Industrial

Spill Class: Not reported

Cleanup Ceased: Not reported

Cleanup Meets Standard: False

SWIS: 2401

Investigator: vszhune

Referred To: Not reported

Reported to Dept: 8/8/2013

CID: Not reported

Water Affected: Not reported

Spill Notifier: Other

Last Inspection: Not reported

Recommended Penalty: False

UST Involvement: False

Remediation Phase: 0

Date Entered In Computer: 8/8/2013

Spill Record Last Update: 10/31/2013

Spiller Name: Not reported

Spiller Company: TANK TEST FAILURE

Spiller Address: Not reported

Spiller City, St, Zip: NY

Spiller County: 999

Spiller Contact: GEORGE SULTANA

Spiller Phone: (718) 630-7520

Spiller Extension: Not reported

DEC Region: 2

DER Facility ID: 215860

DEC Memo: 08/8/12-Zhune called Bob Urban from Protest but could not get him.

Bob will call me back.08/21/13- Zhune spoke to Bob. Bob said the tank system was tested and failed the test with a dry leak. The proposal for the isolation test was sent to the owner to be signed. As per Bob the fill line caused the test to fail.10/30/13- Pro Test

Environmental sent the closure letter report, including the tightness test results.As per Report on August 8th 2013 Pro Test performed a tightness test on 514 49th Street the tank system failed the test with a dry leak. On September 9th Pro Test returned to isolate the tank from its associated lines. Isolation was first attempted from inside the tank, but it was discovered that several lines could not be isolated. Protest returned the next day to excavate, isolate and

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

LTANKS

EDR ID: S104510039 **DIST/DIR:** 0.202 East **ELEVATION:** 122 **MAP ID:** 30

NAME: LUTHERAN MEDICAL CTR

Rev: 05/19/2014

ADDRESS: 514 49TH ST
BROOKLYN, NY
KINGS

ID/Status: 1305012 / 10/31/2013

SOURCE: NY Department of Environmental Conservation

retest. The tank with only the supply, return and remote fill line attached passed a tightness test. Both the vent line and direct fill line were isolated at the time of the test. Technicians returned on September 11th, 2013 to make repairs. Technicians installed new vent line and vent riser as well as new direct fill line with spill container. The tank system passed a retest. There was no evidence of visible contamination within the excavation. Report added to E-docs. Spill closed.

Remarks: 5000 gal ust - dry leak - repair/retest pending

Material:

Site ID: 485566
Operable Unit ID: 1235224
Operable Unit: 01
Material ID: 2234415
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False
Site ID: 485566
Operable Unit ID: 1235224
Operable Unit: 01
Material ID: 2234416
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014396723 **DIST/DIR:** 0.231 WSW **ELEVATION:** 56 **MAP ID:** 31

NAME: CON EDISON - MANHOLE 5778

Rev: 06/10/2014

ADDRESS: 3RD AVENUE AND 55TH STREET
BROOKLYN, NY 11220
KINGS

ID/Status: NYP004190385

SOURCE: US Environmental Protection Agency

RCRA-LQG:

Date form received by agency: 03/23/2010

Facility name: CON EDISON - MANHOLE 5778

Facility address: 3RD AVENUE AND 55TH STREET
BROOKLYN, NY 11220

EPA ID: NYP004190385

Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003

Contact: FRANKLYN MURRAY

Contact address: Not reported
Not reported

Contact country: Not reported

Contact telephone: (212) 460-2808

Contact email: MURRAYFR@CONED.COM

EPA Region: 02

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 08/12/2009

Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003

Owner/operator country: US

- Continued on next page -

Site Detail Report

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

RCRA-LQG

EDR ID: 1014396723 **DIST/DIR:** 0.231 WSW **ELEVATION:** 56 **MAP ID:** 31

NAME: CON EDISON - MANHOLE 5778

Rev: 06/10/2014

ADDRESS: 3RD AVENUE AND 55TH STREET
BROOKLYN, NY 11220
KINGS

ID/Status: NYP004190385

SOURCE: US Environmental Protection Agency

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/12/2009
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 08/12/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Database Descriptions

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

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

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

NFRAP: CERCLIS-NFRAP Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site. CERCLIS-NFRAP - CERCLIS No Further Remedial Action Planned

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

RCRA TSD: RCRA-TSDF RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-TSDF - RCRA - Treatment, Storage and Disposal

RCRA GEN: 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. RCRA-LQG - RCRA - Large Quantity Generators RCRA-SQG - RCRA - Small Quantity Generators. RCRA-CESQG - RCRA - Conditionally Exempt Small Quantity Generators.

Federal IC / EC: US ENG CONTROLS A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

ERNS: ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

Database Descriptions

State/Tribal CERCLIS: SHWS Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites SHWS - Inactive Hazardous Waste Disposal Sites in New York State

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

State/Tribal LTANKS: 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. LTANKS - Spills Information Database HIST LTANKS - Listing of Leaking Storage Tanks.

State/Tribal Tanks: 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. TANKS - Storage Tank Facility Listing UST - Petroleum Bulk Storage (PBS) Database. CBS UST - Chemical Bulk Storage Database. MOSF UST - Major Oil Storage Facilities Database. AST - Petroleum Bulk Storage. 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.

State/Tribal IC / EC: ENG CONTROLS Environmental Remediation sites that have engineering controls in place. ENG CONTROLS - Registry of Engineering Controls INST CONTROL - Registry of Institutional Controls. RES DECL - Restrictive Declarations Listing.

State/Tribal VCP: VCP New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites. VCP - Voluntary Cleanup Agreements

ST/Tribal Brownfields: ERP In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use. ERP - Environmental Restoration Program Listing BROWNFIELDSD - Brownfields Site List.

US Brownfields: US BROWNFIELDSD Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. US BROWNFIELDSD - A Listing of Brownfields Sites

Other Haz Sites: US CDL A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. US CDL - Clandestine Drug Labs

Database Descriptions

Other Tanks: CORTLAND CO. UST A listing of underground storage tank sites located in Cortland County. CORTLAND CO. UST - Cortland County Storage Tank Listing WESTCHESTER CO. UST - Listing of Storage Tanks. NASSAU CO. UST - Registered Tank Database. ROCKLAND CO. UST - Petroleum Bulk Storage Database. SUFFOLK CO. UST - Storage Tank Database. NCFM UST - Storage Tank Database. HIST UST - Historical Petroleum Bulk Storage Database. CORTLAND CO. AST - Cortland County Storage Tank Listing. WESTCHESTER CO. AST - Listing of Storage Tanks. NASSAU CO. AST - Registered Tank Database. ROCKLAND CO. AST - Petroleum Bulk Storage Database. SUFFOLK CO. AST - Storage Tank Database. NCFM AST - Storage Tank Database. HIST AST - Historical Petroleum Bulk Storage Database.

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System SPILLS - Spills Information Database. HIST SPILLS - SPILLS Database. SPILLS 90 - SPILLS90 data from FirstSearch. SPILLS 80 - SPILLS80 data from FirstSearch.

Other: RCRA NonGen / NLR 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. RCRA NonGen / NLR - RCRA - Non Generators 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). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). SSTS - Section 7 Tracking Systems. 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. BRS - Biennial Reporting System. HSWDS - Hazardous Substance Waste Disposal Site Inventory. NY MANIFEST - Facility and Manifest Data. DRYCLEANERS - Registered Drycleaners. SPDES - State Pollutant Discharge Elimination System. PRP - Potentially Responsible Parties. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). US AIRS MINOR - Air Facility System Data. FEDLAND - Federal and Indian Lands.

Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Annually

State/Tribal CERCLIS: Department of Environmental Conservation

Updated Annually

State/Tribal SWL: Department of Environmental Conservation

Updated Semi-Annually

State/Tribal LTANKS: Department of Environmental Conservation

Varies

State/Tribal Tanks: Department of Environmental Conservation

Updated Quarterly

Database Sources

State/Tribal IC / EC: Department of Environmental Conservation

Updated Quarterly

State/Tribal VCP: Department of Environmental Conservation

Updated Semi-Annually

ST/Tribal Brownfields: Department of Environmental Conservation

Updated Quarterly

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other Haz Sites: Drug Enforcement Administration

Updated Quarterly

Other Tanks: Cortland County Health Department

Updated Quarterly

Spills: U.S. Department of Transportation

Updated Annually

Other: Environmental Protection Agency

Varies

Street Name Report for Streets near the Target Property

Target Property: 5107-5111 FOURTH AVENUE
BROOKLYN, NY 11220

JOB: NA

Street Name	Dist/Dir	Street Name	Dist/Dir
3rd Ave	0.13 NW		
47th St	0.22 NE		
48th St	0.17 NE		
49th St	0.12 NE		
4th Ave	0.01 NW		
50th St	0.07 NE		
51st St	0.02 NE		
52nd St	0.03 SW		
53rd St	0.08 SW		
54th St	0.13 SW		
55th St	0.18 SW		
56th St	0.23 SW		
5th Ave	0.14 SE		
I 278	0.14 NW		
Ramp	0.14 NW		

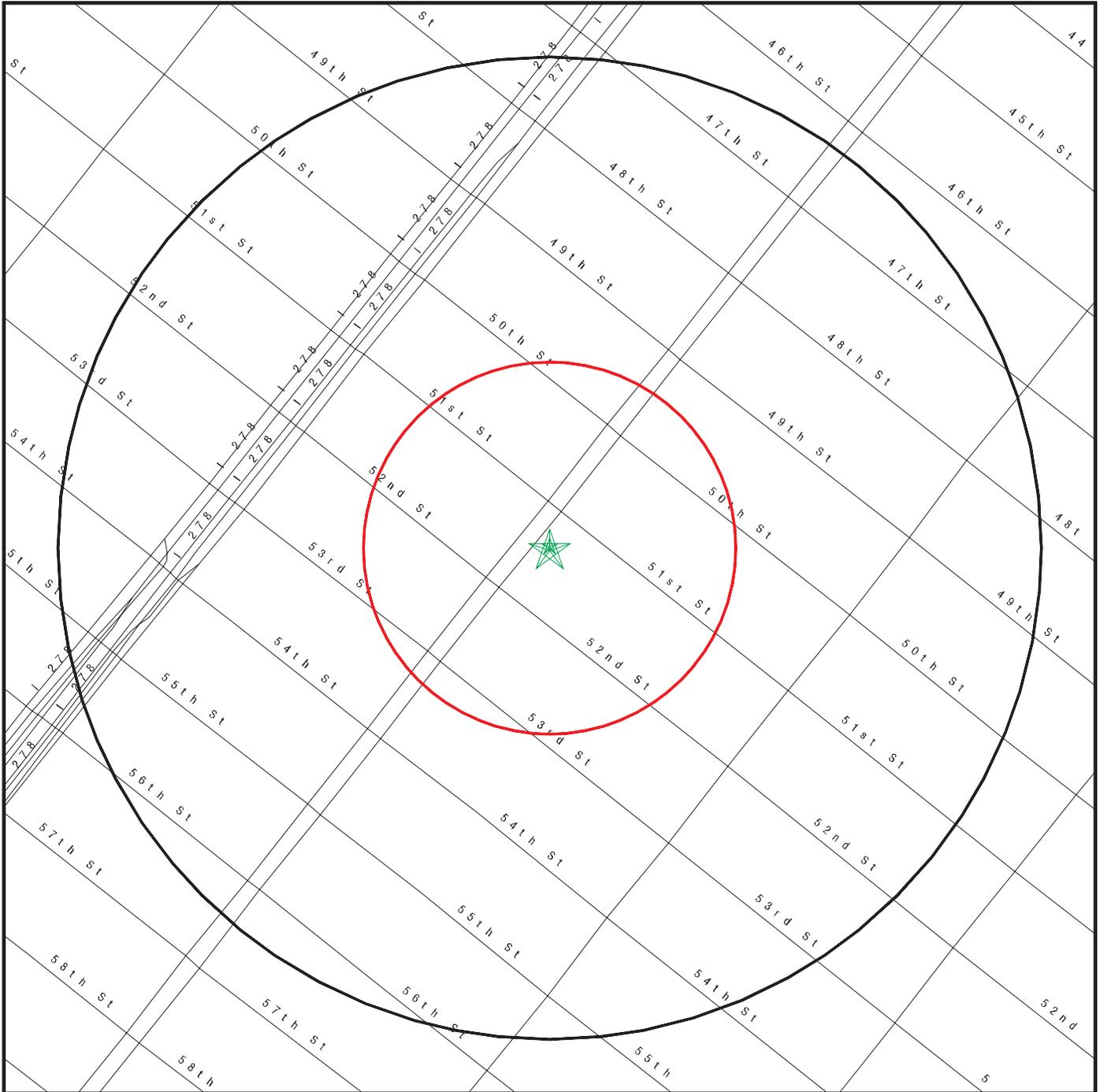
Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: NPL, RCACOR, STATES Sites



5107-5111 FOURTH AVENUE BROOKLYN, NY 11220



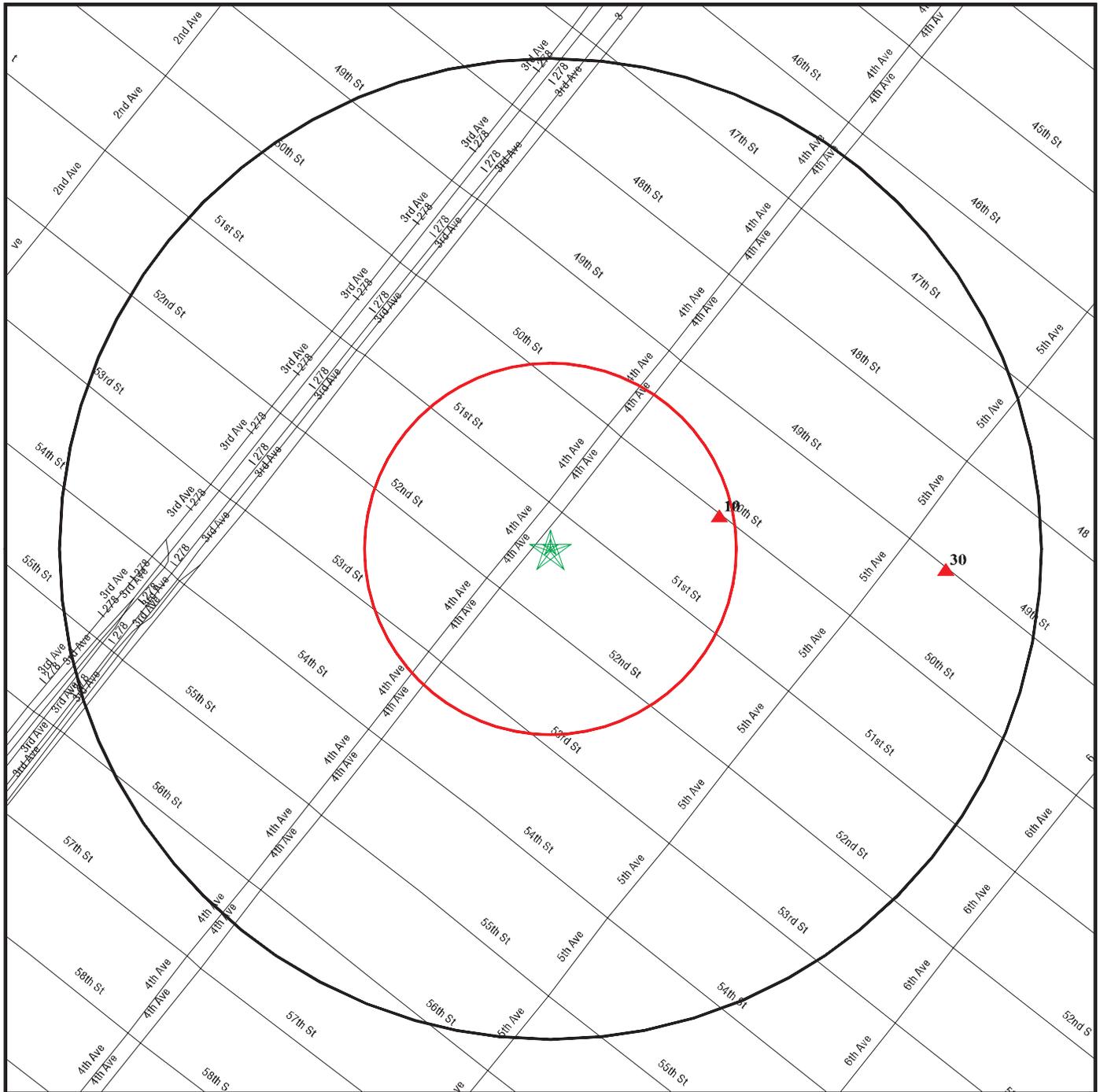
Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 40.6456 Longitude: 74.0132)

▲ Identified Sites

☒ National Priority List Sites

5107-5111 FOURTH AVENUE BROOKLYN, NY 11220



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ **Target Property (Latitude: 40.6456 Longitude: 74.0132)**

▲ **Identified Sites**

 **National Priority List Sites**

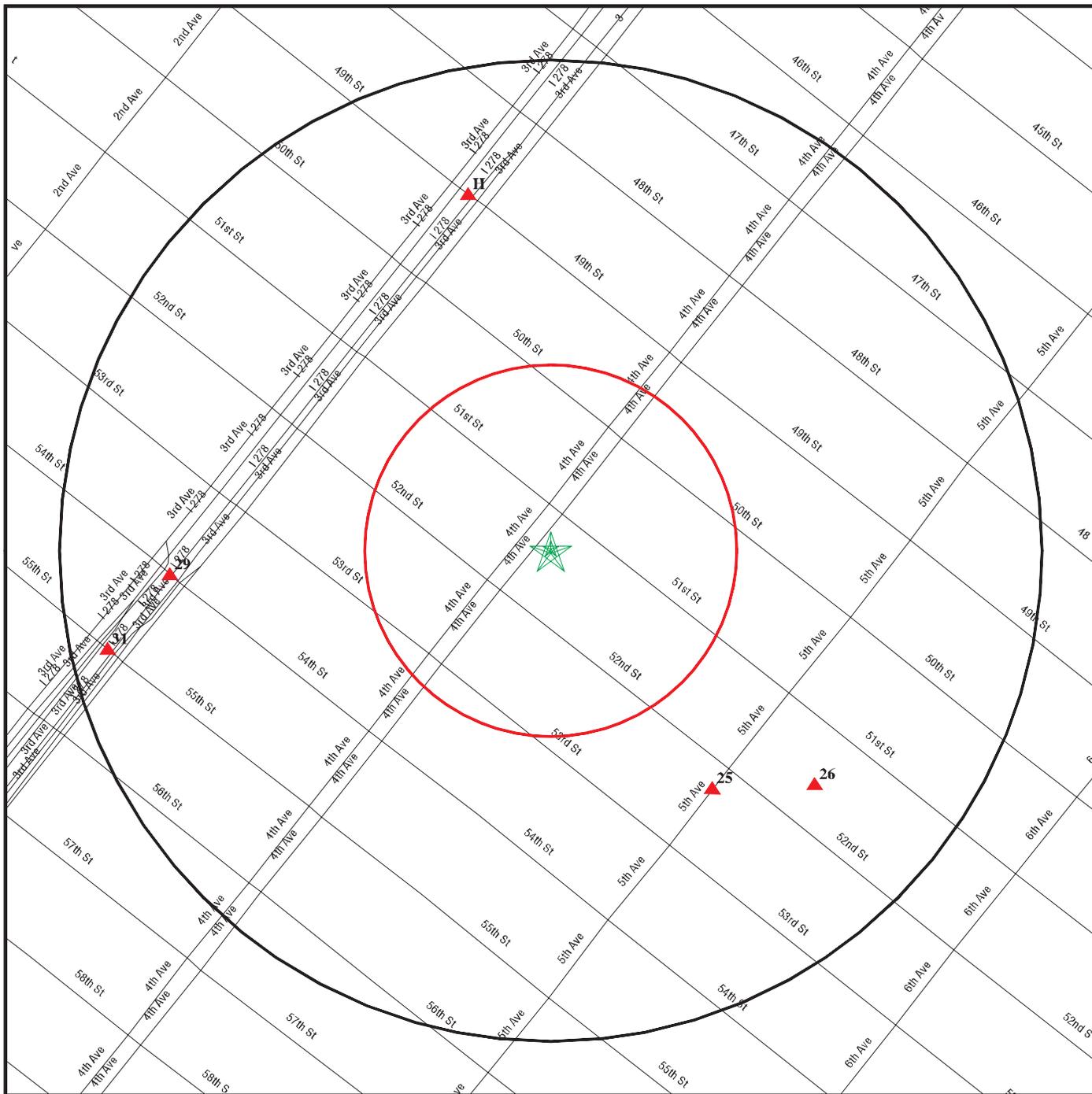
Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



5107-5111 FOURTH AVENUE BROOKLYN, NY 11220



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ **Target Property (Latitude: 40.6456 Longitude: 74.0132)**

▲ **Identified Sites**

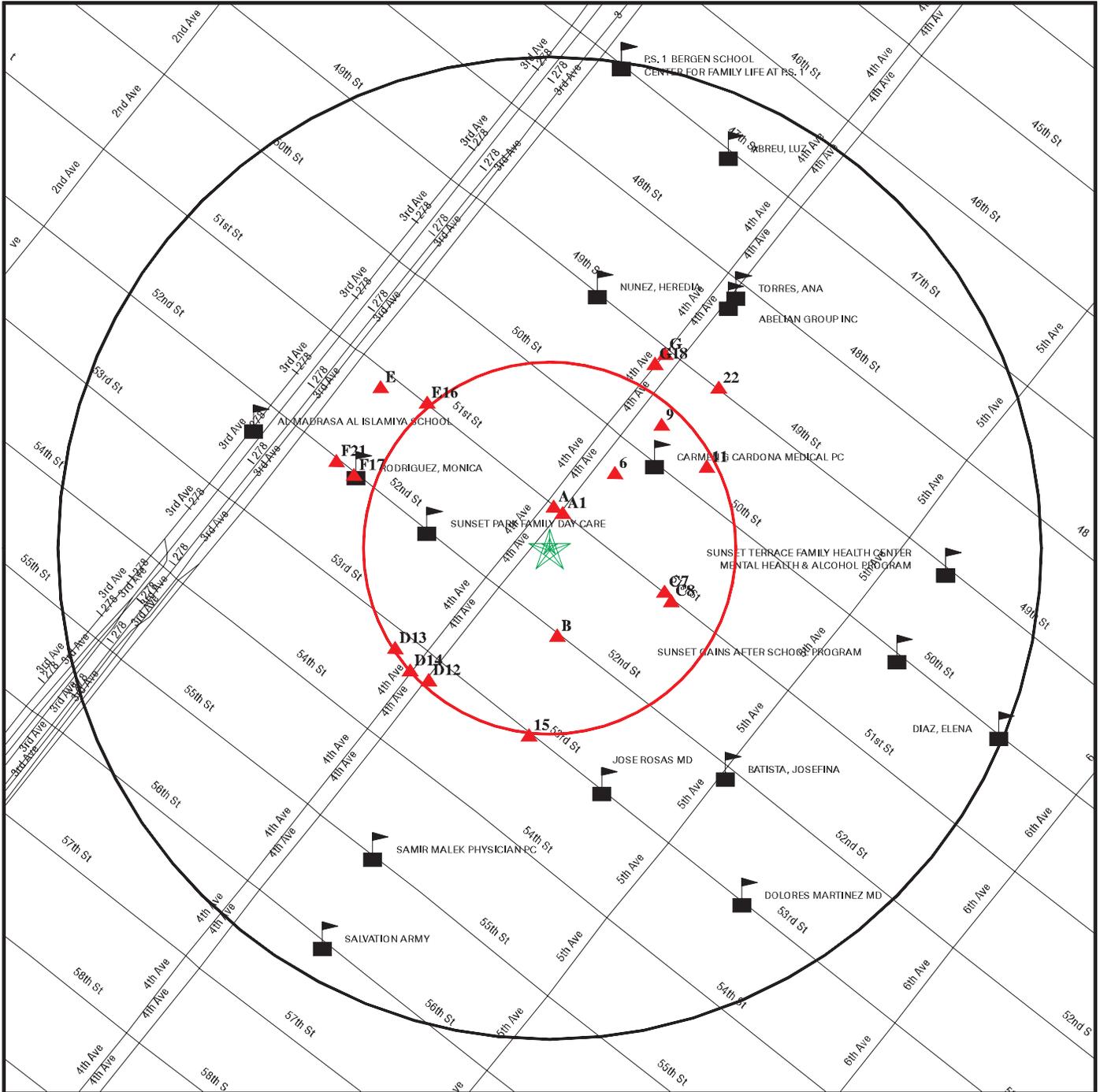
 **National Priority List Sites**

Environmental FirstSearch

0.25 Mile Radius
Non ASTM Map, Spills, FINDS



5107-5111 FOURTH AVENUE BROOKLYN, NY 11220



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 40.6456 Longitude: 74.0132)
- ▲ Identified Sites
- Sensitive Receptors
- ▭ National Priority List Sites

ATTACHMENT B
SOIL BORING LOGS

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the rear of the building.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TMD1501	Address: 5111 4th Avenue, Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C2 Environmental	Method: Macro core Geoprobe		Well Specifications
Date Started: 2/25/2015	Date Completed: 2/25/2015		
Completion Depth: 8 feet	Field Technician Kevin Waters		

B1 (NTS)	(ft below grade)	Reco- very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	20		0.0	20" - Brown silty sand w/rock fragments
	4				<i>*Retained Soil Sample B1(0-2)</i>
	to	12		0.0	12" - Brown silty sand w/rock fragments
	8				<i>*Retained Soil Sample B1(4-6)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the approximate center of the building.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TMD1501	Address: 5111 4th Avenue, Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C2 Environmental	Method: Macro core Geoprobe		Well Specifications
Date Started: 2/25/2015	Date Completed: 2/25/2015		
Completion Depth: 8 feet	Field Technician Kevin Waters		

B2 (NTS)	(ft below grade)	Reco- very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	30		0.0	6" - Brown silty sand w/brick (fill material) 24" - Brown sandy silt w/rock fragments
	4				<i>*Retained Soil Sample B2(0-2)</i>
	to	24		0.0	24" - Reddish brown sandy silt w/rock fragments
	8				<i>*Retained Soil Sample B2(4-6)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the front of the building.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TMD1501	Address: 5111 4th Avenue, Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: C2 Environmental	Method: Macro core Geoprobe		Well Specifications
Date Started: 2/25/2015	Date Completed: 2/25/2015		
Completion Depth: 8 feet	Field Technician Kevin Waters		

B3 (NTS)	(ft below grade)	Reco- very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	24		0.0	6" - Brown silty sand w/brick (fill material) 24" - Brown sandy silt w/rock fragments
	4				<i>*Retained Soil Sample B3(0-2)</i>
	to	20		0.0	24" - Reddish brown sandy silt w/rock fragments
	8				<i>*Retained Soil Sample B3(4-6)</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed in the front of the building in area of proposed cellar expansion.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TMD1501	Address: 5111 4th Avenue, Brooklyn, NY	Date	DTW
		Ground Elevation	
		Groundwater depth	
Drilling Company: C2 Environmental		Method: Macro core Geoprobe	
Date Started: 2/25/2015		Date Completed: 2/25/2015	
Completion Depth: 8 feet		Field Technician: Kevin Waters	
		Well Specifications	

B4 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to	32		0.0	8" - Brown silty sand w/brick (fill material) 24" - Brown sandy silt w/rock fragments and some brick
	4				
	to	16		0.0	16" - Reddish brown sandy silt w/rock fragments and some brick
	8				

**Retained Soil Sample B4(4-6)*

ATTACHMENT C
SOIL GAS SAMPLING LOGS



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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # _____ Page 1 of 1

Data Delivery: Fax #: _____

Email: ceasik@phoenix.com

Phone #: _____

Report to: Kevin Waters

Customer: EBC

Address: _____

Invoice to: EBC

Sampled by: Sunny Chen

Project Name: 5111 4th Ave, 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		ANALYSES		
													Soil Gas	Grab (G) Composite (C)	TO-14	TO-15	
78081	S9-1	13037	6.0	30	35	417		1250	1458	2-26-15	29	7	X			X	
78082	S9-2	12871	6.0	30	6	5354		1247	1458	2-26-15	30	8	X			X	
78083	S9-3	11288	6.0	30	5	5356		1252	1500	2-26-15	30	9	X			X	

Relinquished by: [Signature] Date: 2-27-15
 Accepted by: [Signature] Date: 2-27-15
 Data Format: Excel PDF GISKey Other:

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

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

Quote Number: _____

Signature: _____

Date: _____

ATTACHMENT D
LABORATORY REPORTS IN DIGITAL
FORMAT



Wednesday, March 04, 2015

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

Project ID: 5111 4TH AVE BROOKLYN
Sample ID#s: BH78081 - BH78083

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

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

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

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

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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

Analysis Report

March 04, 2015

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 13639

Custody Information

Collected by: SC
 Received by: SW
 Analyzed by: see "By" below

Date

02/26/15
 02/27/15

Time

14:48
 16:36

Laboratory Data

SDG ID: GBH78081
 Phoenix ID: BH78081

Project ID: 5111 4TH AVE BROOKLYN
 Client ID: SG-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
<u>Volatiles (TO15)</u>									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/28/15	KCA	TO15
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/28/15	KCA	TO15
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/28/15	KCA	TO15
1,2,4-Trimethylbenzene	1.99	0.204	0.204	9.8	1.00	1.00	02/28/15	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/28/15	KCA	TO15
1,3,5-Trimethylbenzene	0.503	0.204	0.204	2.47	1.00	1.00	02/28/15	KCA	TO15
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/28/15	KCA	TO15
1,3-Dichlorobenzene	1.25	0.166	0.166	7.51	1.00	1.00	02/28/15	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/28/15	KCA	TO15
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/28/15	KCA	TO15
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/28/15	KCA	TO15
4-Ethyltoluene	0.341	0.204	0.204	1.68	1.00	1.00	02/28/15	KCA	TO15
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/28/15	KCA	TO15
Acetone	ND	0.421	0.421	ND	1.00	1.00	02/28/15	KCA	TO15
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/28/15	KCA	TO15
Benzene	0.558	0.313	0.313	1.78	1.00	1.00	02/28/15	KCA	TO15
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/28/15	KCA	TO15

Client ID: SG-1

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/28/15	KCA	TO15
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/28/15	KCA	TO15
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/28/15	KCA	TO15
Carbon Disulfide	0.342	0.321	0.321	1.06	1.00	1.00	02/28/15	KCA	TO15
Carbon Tetrachloride	0.113	0.040	0.040	0.71	0.25	0.25	02/28/15	KCA	TO15
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/28/15	KCA	TO15
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/28/15	KCA	TO15
Chloroform	1.26	0.205	0.205	6.15	1.00	1.00	02/28/15	KCA	TO15
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	02/28/15	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/28/15	KCA	TO15
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/28/15	KCA	TO15
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/28/15	KCA	TO15
Dichlorodifluoromethane	0.467	0.202	0.202	2.31	1.00	1.00	02/28/15	KCA	TO15
Ethanol	84.1 SE	0.531	0.531	158	1.00	1.00	02/28/15	KCA	TO15 1
Ethyl acetate	6.52	0.278	0.278	23.5	1.00	1.00	02/28/15	KCA	TO15 1
Ethylbenzene	1.05	0.230	0.230	4.56	1.00	1.00	02/28/15	KCA	TO15
Heptane	0.443	0.244	0.244	1.81	1.00	1.00	02/28/15	KCA	TO15
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/28/15	KCA	TO15
Hexane	0.598 S	0.284	0.284	2.11	1.00	1.00	02/28/15	KCA	TO15
Isopropylalcohol	77.8 SE	0.407	0.407	191	1.00	1.00	02/28/15	KCA	TO15
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/28/15	KCA	TO15
m,p-Xylene	4.20	0.230	0.230	18.2	1.00	1.00	02/28/15	KCA	TO15
Methyl Ethyl Ketone	2.02	0.339	0.339	5.95	1.00	1.00	02/28/15	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/28/15	KCA	TO15
Methylene Chloride	0.380 S	0.288	0.288	1.32	1.00	1.00	02/28/15	KCA	TO15
n-Butylbenzene	0.263	0.182	0.182	1.44	1.00	1.00	02/28/15	KCA	TO15 1
o-Xylene	1.48	0.230	0.230	6.42	1.00	1.00	02/28/15	KCA	TO15
Propylene	0.914	0.581	0.581	1.57	1.00	1.00	02/28/15	KCA	TO15 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/28/15	KCA	TO15
Tetrachloroethene	0.204	0.037	0.037	1.38	0.25	0.25	02/28/15	KCA	TO15
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/28/15	KCA	TO15 1
Toluene	1.70	0.266	0.266	6.40	1.00	1.00	02/28/15	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/28/15	KCA	TO15
Trichloroethene	0.067	0.047	0.047	0.36	0.25	0.25	02/28/15	KCA	TO15
Trichlorofluoromethane	0.199	0.178	0.178	1.12	1.00	1.00	02/28/15	KCA	TO15
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/28/15	KCA	TO15
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/28/15	KCA	TO15
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	98	%	%	98	%	%	02/28/15	KCA	70 - 130 %

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

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

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



Phyllis Shiller, Laboratory Director

March 04, 2015

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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

Analysis Report

March 04, 2015

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 12871

Custody Information

Collected by: SC
 Received by: SW
 Analyzed by: see "By" below

Date: 02/26/15 14:58
 02/27/15 16:36

Laboratory Data

SDG ID: GBH78081
 Phoenix ID: BH78082

Project ID: 5111 4TH AVE BROOKLYN
 Client ID: SG-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/28/15	KCA	TO15
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/28/15	KCA	TO15
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/28/15	KCA	TO15
1,2,4-Trimethylbenzene	0.861	0.204	0.204	4.23	1.00	1.00	02/28/15	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/28/15	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/28/15	KCA	TO15
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/28/15	KCA	TO15
1,3-Dichlorobenzene	1.11	0.166	0.166	6.67	1.00	1.00	02/28/15	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/28/15	KCA	TO15
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/28/15	KCA	TO15
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/28/15	KCA	TO15
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	02/28/15	KCA	TO15
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/28/15	KCA	TO15
Acetone	7.41	S 0.421	0.421	17.6	1.00	1.00	02/28/15	KCA	TO15
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/28/15	KCA	TO15
Benzene	0.367	0.313	0.313	1.17	1.00	1.00	02/28/15	KCA	TO15
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/28/15	KCA	TO15

Client ID: SG-2

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/28/15	KCA	TO15
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/28/15	KCA	TO15
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/28/15	KCA	TO15
Carbon Disulfide	ND	0.321	0.321	ND	1.00	1.00	02/28/15	KCA	TO15
Carbon Tetrachloride	0.057	0.040	0.040	0.36	0.25	0.25	02/28/15	KCA	TO15
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/28/15	KCA	TO15
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/28/15	KCA	TO15
Chloroform	ND	0.205	0.205	ND	1.00	1.00	02/28/15	KCA	TO15
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	02/28/15	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/28/15	KCA	TO15
Cyclohexane	ND	0.291	0.291	ND	1.00	1.00	02/28/15	KCA	TO15
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/28/15	KCA	TO15
Dichlorodifluoromethane	0.514	0.202	0.202	2.54	1.00	1.00	02/28/15	KCA	TO15
Ethanol	69.1 SE	0.531	0.531	130	1.00	1.00	02/28/15	KCA	TO15 1
Ethyl acetate	4.91	0.278	0.278	17.7	1.00	1.00	02/28/15	KCA	TO15 1
Ethylbenzene	1.43	0.230	0.230	6.21	1.00	1.00	02/28/15	KCA	TO15
Heptane	0.324	0.244	0.244	1.33	1.00	1.00	02/28/15	KCA	TO15
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/28/15	KCA	TO15
Hexane	0.291 S	0.284	0.284	1.03	1.00	1.00	02/28/15	KCA	TO15
Isopropylalcohol	64.5 SE	0.407	0.407	158	1.00	1.00	02/28/15	KCA	TO15
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/28/15	KCA	TO15
m,p-Xylene	5.71	0.230	0.230	24.8	1.00	1.00	02/28/15	KCA	TO15
Methyl Ethyl Ketone	1.25	0.339	0.339	3.68	1.00	1.00	02/28/15	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/28/15	KCA	TO15
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	02/28/15	KCA	TO15
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15 1
o-Xylene	1.72	0.230	0.230	7.46	1.00	1.00	02/28/15	KCA	TO15
Propylene	ND	0.581	0.581	ND	1.00	1.00	02/28/15	KCA	TO15 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/28/15	KCA	TO15
Tetrachloroethene	0.193	0.037	0.037	1.31	0.25	0.25	02/28/15	KCA	TO15
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/28/15	KCA	TO15 1
Toluene	1.63	0.266	0.266	6.14	1.00	1.00	02/28/15	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/28/15	KCA	TO15
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	02/28/15	KCA	TO15
Trichlorofluoromethane	0.221	0.178	0.178	1.24	1.00	1.00	02/28/15	KCA	TO15
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/28/15	KCA	TO15
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/28/15	KCA	TO15
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	96	%	%	96	%	%	02/28/15	KCA	70 - 130 %

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

March 04, 2015

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



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



Analysis Report

March 04, 2015

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

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 11288

Custody Information

Collected by: SC
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/26/15 15:00
 02/27/15 16:36

Laboratory Data

SDG ID: GBH78081
 Phoenix ID: BH78083

Project ID: 5111 4TH AVE BROOKLYN
 Client ID: SG-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,1-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	0.146	ND	1.00	1.00	02/28/15	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	0.183	ND	1.00	1.00	02/28/15	KCA	TO15
1,1-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/28/15	KCA	TO15
1,1-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	0.135	ND	1.00	1.00	02/28/15	KCA	TO15
1,2,4-Trimethylbenzene	0.691	0.204	0.204	3.39	1.00	1.00	02/28/15	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	0.130	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichloroethane	ND	0.247	0.247	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-dichloropropane	ND	0.217	0.217	ND	1.00	1.00	02/28/15	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	0.143	ND	1.00	1.00	02/28/15	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/28/15	KCA	TO15
1,3-Butadiene	ND	0.452	0.452	ND	1.00	1.00	02/28/15	KCA	TO15
1,3-Dichlorobenzene	1.32	0.166	0.166	7.93	1.00	1.00	02/28/15	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	0.166	ND	1.00	1.00	02/28/15	KCA	TO15
1,4-Dioxane	ND	0.278	0.278	ND	1.00	1.00	02/28/15	KCA	TO15
2-Hexanone(MBK)	ND	0.244	0.244	ND	1.00	1.00	02/28/15	KCA	TO15
4-Ethyltoluene	ND	0.204	0.204	ND	1.00	1.00	02/28/15	KCA	TO15
4-Isopropyltoluene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15
4-Methyl-2-pentanone(MIBK)	ND	0.244	0.244	ND	1.00	1.00	02/28/15	KCA	TO15
Acetone	13.3	S 0.421	0.421	31.6	1.00	1.00	02/28/15	KCA	TO15
Acrylonitrile	ND	0.461	0.461	ND	1.00	1.00	02/28/15	KCA	TO15
Benzene	0.764	0.313	0.313	2.44	1.00	1.00	02/28/15	KCA	TO15
Benzyl chloride	ND	0.193	0.193	ND	1.00	1.00	02/28/15	KCA	TO15

Client ID: SG-3

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
Bromodichloromethane	ND	0.149	0.149	ND	1.00	1.00	02/28/15	KCA	TO15
Bromoform	ND	0.097	0.097	ND	1.00	1.00	02/28/15	KCA	TO15
Bromomethane	ND	0.258	0.258	ND	1.00	1.00	02/28/15	KCA	TO15
Carbon Disulfide	1.23	0.321	0.321	3.83	1.00	1.00	02/28/15	KCA	TO15
Carbon Tetrachloride	0.074	0.040	0.040	0.47	0.25	0.25	02/28/15	KCA	TO15
Chlorobenzene	ND	0.217	0.217	ND	1.00	1.00	02/28/15	KCA	TO15
Chloroethane	ND	0.379	0.379	ND	1.00	1.00	02/28/15	KCA	TO15
Chloroform	9.15	0.205	0.205	44.6	1.00	1.00	02/28/15	KCA	TO15
Chloromethane	ND	0.485	0.485	ND	1.00	1.00	02/28/15	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
cis-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/28/15	KCA	TO15
Cyclohexane	0.458	0.291	0.291	1.58	1.00	1.00	02/28/15	KCA	TO15
Dibromochloromethane	ND	0.118	0.118	ND	1.00	1.00	02/28/15	KCA	TO15
Dichlorodifluoromethane	0.544	0.202	0.202	2.69	1.00	1.00	02/28/15	KCA	TO15
Ethanol	125 SE	0.531	0.531	235	1.00	1.00	02/28/15	KCA	TO15 1
Ethyl acetate	8.34	0.278	0.278	30.0	1.00	1.00	02/28/15	KCA	TO15 1
Ethylbenzene	0.651	0.230	0.230	2.83	1.00	1.00	02/28/15	KCA	TO15
Heptane	2.62	0.244	0.244	10.7	1.00	1.00	02/28/15	KCA	TO15
Hexachlorobutadiene	ND	0.094	0.094	ND	1.00	1.00	02/28/15	KCA	TO15
Hexane	2.90 S	0.284	0.284	10.2	1.00	1.00	02/28/15	KCA	TO15
Isopropylalcohol	121 SE	0.407	0.407	297	1.00	1.00	02/28/15	KCA	TO15
Isopropylbenzene	ND	0.204	0.204	ND	1.00	1.00	02/28/15	KCA	TO15
m,p-Xylene	2.49	0.230	0.230	10.8	1.00	1.00	02/28/15	KCA	TO15
Methyl Ethyl Ketone	2.37	0.339	0.339	6.99	1.00	1.00	02/28/15	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	0.278	ND	1.00	1.00	02/28/15	KCA	TO15
Methylene Chloride	ND	0.288	0.288	ND	1.00	1.00	02/28/15	KCA	TO15
n-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15 1
o-Xylene	0.828	0.230	0.230	3.59	1.00	1.00	02/28/15	KCA	TO15
Propylene	1.80	0.581	0.581	3.10	1.00	1.00	02/28/15	KCA	TO15 1
sec-Butylbenzene	ND	0.182	0.182	ND	1.00	1.00	02/28/15	KCA	TO15 1
Styrene	ND	0.235	0.235	ND	1.00	1.00	02/28/15	KCA	TO15
Tetrachloroethene	0.103	0.037	0.037	0.70	0.25	0.25	02/28/15	KCA	TO15
Tetrahydrofuran	ND	0.339	0.339	ND	1.00	1.00	02/28/15	KCA	TO15 1
Toluene	1.65	0.266	0.266	6.21	1.00	1.00	02/28/15	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	0.252	ND	1.00	1.00	02/28/15	KCA	TO15
trans-1,3-Dichloropropene	ND	0.221	0.221	ND	1.00	1.00	02/28/15	KCA	TO15
Trichloroethene	ND	0.047	0.047	ND	0.25	0.25	02/28/15	KCA	TO15
Trichlorofluoromethane	0.238	0.178	0.178	1.34	1.00	1.00	02/28/15	KCA	TO15
Trichlorotrifluoroethane	ND	0.131	0.131	ND	1.00	1.00	02/28/15	KCA	TO15
Vinyl Chloride	ND	0.098	0.098	ND	0.25	0.25	02/28/15	KCA	TO15
<u>QA/QC Surrogates</u>									
% Bromofluorobenzene	102	%	%	102	%	%	02/28/15	KCA	70 - 130 %

Parameter	ppbv Result	ppbv RL	LOD/ MDL	ug/m3 Result	ug/m3 RL	LOD/ MDL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

Comments:

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

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

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

March 04, 2015

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Sample Criteria Exceedences Report

GBH78081 - EBC

Criteria: None

State: NY

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



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

CHAIN OF CUSTODY RECORD
AIR ANALYSES

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

P.O. # _____ Page 1 of 1

Data Delivery: Fax #: _____

Email: ceasik@ebcinc.com

Phone #: _____

Report to: Kevin Waters

Customer: EBC

Address: _____

Invoice to: EBC

Sampled by: Sunny Chen

Project Name: 5111 4th Ave, 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		ANALYSES		
													Soil Gas	Grab (G) Composite (C)	TO-14	TO-15	
78081	S9-1	13037	6.0	30	5352	417		1250	1458	2-26-15	-29	-7	X			X	
78082	S9-2	12871	6.0	30	5354			1247	1458	2-26-15	-30	-8	X			X	
78083	S9-3	11288	6.0	30	5356			1252	1500	2-26-15	-30	-9	X			X	

Relinquished by: MD

Accepted by: [Signature]

Date: 2-27-15

Time: 9:35

Data Format: Excel PDF

Equis GISKey

Other:

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:

Requested Criteria

Quote Number: _____

Signature: _____

Date: _____

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.



Thursday, March 05, 2015

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

Project ID: 511 4TH AVE., BROOKLYN
Sample ID#s: BH77390 - BH77395, BH77397

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

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

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

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

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

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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



SDG Comments

March 05, 2015

SDG I.D.: GBH77390

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

BH77390 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH77392 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH77394 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

BH77397 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.



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

Analysis Report

March 05, 2015

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LB
 Analyzed by: see "By" below

Date

02/25/15
 02/26/15

Time

7:00
 15:12

Laboratory Data

SDG ID: GBH77390
 Phoenix ID: BH77390

Project ID: 511 4TH AVE., BROOKLYN
 Client ID: B1 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	0.35	mg/Kg	02/27/15	LK	SW6010C
Aluminum	9870	35	7.0	mg/Kg	02/27/15	LK	SW6010C
Arsenic	2.4	0.7	0.70	mg/Kg	02/27/15	LK	SW6010C
Barium	105	0.7	0.35	mg/Kg	02/27/15	LK	SW6010C
Beryllium	0.47	0.28	0.14	mg/Kg	02/27/15	LK	SW6010C
Calcium	11500	35	32	mg/Kg	02/27/15	LK	SW6010C
Cadmium	< 0.35	0.35	0.14	mg/Kg	02/27/15	LK	SW6010C
Cobalt	8.88	0.35	0.35	mg/Kg	02/27/15	LK	SW6010C
Chromium	24.7	0.35	0.35	mg/Kg	02/27/15	LK	SW6010C
Copper	19.1	0.35	0.35	mg/kg	02/27/15	LK	SW6010C
Iron	17500	35	35	mg/Kg	02/27/15	LK	SW6010C
Mercury	0.03 BN	0.03	0.02	mg/Kg	02/27/15	MA	SW7471B
Potassium	3450	N 7	2.7	mg/Kg	02/27/15	LK	SW6010C
Magnesium	4920	3.5	3.5	mg/Kg	02/27/15	LK	SW6010C
Manganese	286	N 3.5	3.5	mg/Kg	02/27/15	LK	SW6010C
Sodium	223	N 7	3.0	mg/Kg	02/27/15	LK	SW6010C
Nickel	22.9	0.35	0.35	mg/Kg	02/27/15	LK	SW6010C
Lead	11.0	0.7	0.35	mg/Kg	02/27/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	02/27/15	LK	SW6010C
Selenium	< 1.4	1.4	1.2	mg/Kg	02/27/15	LK	SW6010C
Thallium	< 1.4	1.4	1.4	mg/Kg	02/27/15	LK	SW6010C
Vanadium	33.2	0.3	0.35	mg/Kg	02/27/15	LK	SW6010C
Zinc	44.3	0.7	0.35	mg/Kg	02/27/15	LK	SW6010C
Percent Solid	93			%	02/26/15	I	SW846
Soil Extraction for PCB	Completed				02/26/15	CC	SW3545A
Soil Extraction for Pesticide	Completed				02/26/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed				02/27/15	JJ/H	SW3545A
Mercury Digestion	Completed				02/27/15	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/26/15	CB/AG	SW3050B
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1221	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1232	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1242	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1248	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1254	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1260	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1262	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1268	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
<u>QA/QC Surrogates</u>							
% DCBP	71			%	02/27/15	AW	30 - 150 %
% TCMX	85			%	02/27/15	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	21	21	ug/Kg	02/28/15	CE	SW8081B
4,4' -DDE	ND	21	21	ug/Kg	02/28/15	CE	SW8081B
4,4' -DDT	ND	21	21	ug/Kg	02/28/15	CE	SW8081B
a-BHC	ND	35	35	ug/Kg	02/28/15	CE	SW8081B
a-Chlordane	ND	35	35	ug/Kg	02/28/15	CE	SW8081B
Aldrin	10	10	10	ug/Kg	02/28/15	CE	SW8081B
b-BHC	ND	35	35	ug/Kg	02/28/15	CE	SW8081B
Chlordane	ND	350	350	ug/Kg	02/28/15	CE	SW8081B
d-BHC	ND	35	35	ug/Kg	02/28/15	CE	SW8081B
Dieldrin	ND	10	10	ug/Kg	02/28/15	CE	SW8081B
Endosulfan I	ND	70	70	ug/Kg	02/28/15	CE	SW8081B
Endosulfan II	ND	70	70	ug/Kg	02/28/15	CE	SW8081B
Endosulfan sulfate	ND	70	70	ug/Kg	02/28/15	CE	SW8081B
Endrin	ND	35	35	ug/Kg	02/28/15	CE	SW8081B
Endrin aldehyde	ND	70	70	ug/Kg	02/28/15	CE	SW8081B
Endrin ketone	ND	70	70	ug/Kg	02/28/15	CE	SW8081B
g-BHC	ND	14	14	ug/Kg	02/28/15	CE	SW8081B
g-Chlordane	ND	35	35	ug/Kg	02/28/15	CE	SW8081B
Heptachlor	ND	35	35	ug/Kg	02/28/15	CE	SW8081B
Heptachlor epoxide	ND	70	70	ug/Kg	02/28/15	CE	SW8081B
Methoxychlor	ND	350	350	ug/Kg	02/28/15	CE	SW8081B
Toxaphene	ND	1400	1400	ug/Kg	02/28/15	CE	SW8081B
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out			%	02/28/15	CE	30 - 150 %
% TCMX	Diluted Out			%	02/28/15	CE	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.4	0.88	ug/Kg	02/27/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	0.76	ug/Kg	02/27/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	5.4	1.0	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	0.76	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	0.59	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	0.47	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	0.76	ug/Kg	02/27/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	0.71	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	0.80	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	0.57	ug/Kg	02/27/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	0.85	ug/Kg	02/27/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	0.90	ug/Kg	02/27/15	JLI	SW8260C
2-Chlorotoluene	ND	5.4	0.86	ug/Kg	02/27/15	JLI	SW8260C
2-Hexanone	ND	27	2.4	ug/Kg	02/27/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	0.74	ug/Kg	02/27/15	JLI	SW8260C
4-Chlorotoluene	ND	5.4	0.62	ug/Kg	02/27/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	1.3	ug/Kg	02/27/15	JLI	SW8260C
Acetone	16	JS 50	5.3	ug/Kg	02/27/15	JLI	SW8260C
Acrylonitrile	ND	11	3.0	ug/Kg	02/27/15	JLI	SW8260C
Benzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Bromobenzene	ND	5.4	0.70	ug/Kg	02/27/15	JLI	SW8260C
Bromochloromethane	ND	5.4	0.78	ug/Kg	02/27/15	JLI	SW8260C
Bromodichloromethane	ND	5.4	0.67	ug/Kg	02/27/15	JLI	SW8260C
Bromoform	ND	5.4	0.75	ug/Kg	02/27/15	JLI	SW8260C
Bromomethane	ND	5.4	4.1	ug/Kg	02/27/15	JLI	SW8260C
Carbon Disulfide	ND	5.4	0.87	ug/Kg	02/27/15	JLI	SW8260C
Carbon tetrachloride	ND	5.4	0.62	ug/Kg	02/27/15	JLI	SW8260C
Chlorobenzene	ND	5.4	0.80	ug/Kg	02/27/15	JLI	SW8260C
Chloroethane	ND	5.4	1.3	ug/Kg	02/27/15	JLI	SW8260C
Chloroform	ND	5.4	0.98	ug/Kg	02/27/15	JLI	SW8260C
Chloromethane	ND	5.4	2.8	ug/Kg	02/27/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	0.58	ug/Kg	02/27/15	JLI	SW8260C
Dibromochloromethane	ND	5.4	0.60	ug/Kg	02/27/15	JLI	SW8260C
Dibromomethane	ND	5.4	0.68	ug/Kg	02/27/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
Ethylbenzene	ND	5.4	0.98	ug/Kg	02/27/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Isopropylbenzene	ND	5.4	1.0	ug/Kg	02/27/15	JLI	SW8260C
m&p-Xylene	ND	5.4	2.1	ug/Kg	02/27/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	32	4.7	ug/Kg	02/27/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	02/27/15	JLI	SW8260C
Methylene chloride	1.7	JS 5.4	0.88	ug/Kg	02/27/15	JLI	SW8260C
Naphthalene	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
n-Butylbenzene	ND	5.4	0.98	ug/Kg	02/27/15	JLI	SW8260C
n-Propylbenzene	ND	5.4	0.97	ug/Kg	02/27/15	JLI	SW8260C

1

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.4	2.1	ug/Kg	02/27/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	02/27/15	JLI	SW8260C
Styrene	ND	5.4	1.5	ug/Kg	02/27/15	JLI	SW8260C
tert-Butylbenzene	ND	5.4	0.86	ug/Kg	02/27/15	JLI	SW8260C
Tetrachloroethene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	4.8	ug/Kg	02/27/15	JLI	SW8260C
Toluene	ND	5.4	0.85	ug/Kg	02/27/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/27/15	JLI	SW8260C
Trichloroethene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.4	0.84	ug/Kg	02/27/15	JLI	SW8260C
Vinyl chloride	ND	5.4	1.7	ug/Kg	02/27/15	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100			%	02/27/15	JLI	70 - 121 %
% Bromofluorobenzene	98			%	02/27/15	JLI	59 - 113 %
% Dibromofluoromethane	98			%	02/27/15	JLI	70 - 130 %
% Toluene-d8	97			%	02/27/15	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	1200	620	ug/Kg	03/01/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	1200	530	ug/Kg	03/01/15	DD	SW8270D
1,2-Dichlorobenzene	ND	1200	500	ug/Kg	03/01/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	1200	570	ug/Kg	03/01/15	DD	SW8270D
1,3-Dichlorobenzene	ND	1200	520	ug/Kg	03/01/15	DD	SW8270D
1,4-Dichlorobenzene	ND	1200	520	ug/Kg	03/01/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	1200	960	ug/Kg	03/01/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	1200	560	ug/Kg	03/01/15	DD	SW8270D
2,4-Dichlorophenol	ND	1200	620	ug/Kg	03/01/15	DD	SW8270D
2,4-Dimethylphenol	ND	1200	440	ug/Kg	03/01/15	DD	SW8270D
2,4-Dinitrophenol	ND	8800	1200	ug/Kg	03/01/15	DD	SW8270D
2,4-Dinitrotoluene	ND	1200	690	ug/Kg	03/01/15	DD	SW8270D
2,6-Dinitrotoluene	ND	1200	560	ug/Kg	03/01/15	DD	SW8270D
2-Chloronaphthalene	ND	1200	500	ug/Kg	03/01/15	DD	SW8270D
2-Chlorophenol	ND	1200	500	ug/Kg	03/01/15	DD	SW8270D
2-Methylnaphthalene	ND	1200	520	ug/Kg	03/01/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	1200	830	ug/Kg	03/01/15	DD	SW8270D
2-Nitroaniline	ND	8800	1800	ug/Kg	03/01/15	DD	SW8270D
2-Nitrophenol	ND	1200	1100	ug/Kg	03/01/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	1200	690	ug/Kg	03/01/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	3500	830	ug/Kg	03/01/15	DD	SW8270D
3-Nitroaniline	ND	8800	3800	ug/Kg	03/01/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	8800	1900	ug/Kg	03/01/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	1200	520	ug/Kg	03/01/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	1200	620	ug/Kg	03/01/15	DD	SW8270D
4-Chloroaniline	ND	3500	820	ug/Kg	03/01/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	1200	590	ug/Kg	03/01/15	DD	SW8270D
4-Nitroaniline	ND	8800	590	ug/Kg	03/01/15	DD	SW8270D

Client ID: B1 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	8800	790	ug/Kg	03/01/15	DD	SW8270D
Acenaphthene	ND	1200	530	ug/Kg	03/01/15	DD	SW8270D
Acenaphthylene	690	J 1200	490	ug/Kg	03/01/15	DD	SW8270D
Acetophenone	ND	1200	550	ug/Kg	03/01/15	DD	SW8270D
Aniline	ND	8800	3500	ug/Kg	03/01/15	DD	SW8270D
Anthracene	2600	1200	580	ug/Kg	03/01/15	DD	SW8270D
Benz(a)anthracene	21000	2500	1200	ug/Kg	03/01/15	DD	SW8270D
Benzidine	ND	3500	1000	ug/Kg	03/01/15	DD	SW8270D
Benzo(a)pyrene	21000	2500	1100	ug/Kg	03/01/15	DD	SW8270D
Benzo(b)fluoranthene	22000	2500	1200	ug/Kg	03/01/15	DD	SW8270D
Benzo(ghi)perylene	18000	1200	570	ug/Kg	03/01/15	DD	SW8270D
Benzo(k)fluoranthene	7700	1200	580	ug/Kg	03/01/15	DD	SW8270D
Benzoic acid	ND	8800	3500	ug/Kg	03/01/15	DD	SW8270D
Benzyl butyl phthalate	ND	1200	450	ug/Kg	03/01/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	1200	480	ug/Kg	03/01/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	1200	470	ug/Kg	03/01/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	1200	490	ug/Kg	03/01/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	1200	510	ug/Kg	03/01/15	DD	SW8270D
Carbazole	ND	8800	1300	ug/Kg	03/01/15	DD	SW8270D
Chrysene	21000	2500	1200	ug/Kg	03/01/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	1200	570	ug/Kg	03/01/15	DD	SW8270D
Dibenzofuran	ND	1200	510	ug/Kg	03/01/15	DD	SW8270D
Diethyl phthalate	ND	1200	560	ug/Kg	03/01/15	DD	SW8270D
Dimethylphthalate	ND	1200	540	ug/Kg	03/01/15	DD	SW8270D
Di-n-butylphthalate	ND	1200	470	ug/Kg	03/01/15	DD	SW8270D
Di-n-octylphthalate	ND	1200	450	ug/Kg	03/01/15	DD	SW8270D
Fluoranthene	25000	1200	570	ug/Kg	03/01/15	DD	SW8270D
Fluorene	ND	1200	580	ug/Kg	03/01/15	DD	SW8270D
Hexachlorobenzene	ND	1200	510	ug/Kg	03/01/15	DD	SW8270D
Hexachlorobutadiene	ND	1200	640	ug/Kg	03/01/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	1200	540	ug/Kg	03/01/15	DD	SW8270D
Hexachloroethane	ND	1200	530	ug/Kg	03/01/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	14000	1200	580	ug/Kg	03/01/15	DD	SW8270D
Isophorone	ND	1200	490	ug/Kg	03/01/15	DD	SW8270D
Naphthalene	ND	1200	510	ug/Kg	03/01/15	DD	SW8270D
Nitrobenzene	ND	1200	610	ug/Kg	03/01/15	DD	SW8270D
N-Nitrosodimethylamine	ND	1200	500	ug/Kg	03/01/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	1200	570	ug/Kg	03/01/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	1200	670	ug/Kg	03/01/15	DD	SW8270D
Pentachloronitrobenzene	ND	1200	650	ug/Kg	03/01/15	DD	SW8270D
Pentachlorophenol	ND	800	660	ug/Kg	03/01/15	DD	SW8270D
Phenanthrene	5400	1200	500	ug/Kg	03/01/15	DD	SW8270D
Phenol	ND	1200	560	ug/Kg	03/01/15	DD	SW8270D
Pyrene	29000	2500	1200	ug/Kg	03/01/15	DD	SW8270D
Pyridine	ND	1200	430	ug/Kg	03/01/15	DD	SW8270D
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	98			%	03/01/15	DD	19 - 122 %
% 2-Fluorobiphenyl	78			%	03/01/15	DD	30 - 115 %
% 2-Fluorophenol	64			%	03/01/15	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	73			%	03/01/15	DD	23 - 120 %
% Phenol-d5	70			%	03/01/15	DD	24 - 113 %
% Terphenyl-d14	75			%	03/01/15	DD	18 - 137 %

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

B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) 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.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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

March 05, 2015

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report

March 05, 2015

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LB
 Analyzed by: see "By" below

Date

02/25/15
 02/26/15

Time

7:20
 15:12

Laboratory Data

SDG ID: GBH77390
 Phoenix ID: BH77391

Project ID: 511 4TH AVE., BROOKLYN
 Client ID: B1 4-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.33	0.33	0.33	mg/Kg	02/27/15	LK	SW6010C
Aluminum	7620	33	6.7	mg/Kg	02/27/15	LK	SW6010C
Arsenic	1.9	0.7	0.67	mg/Kg	02/27/15	LK	SW6010C
Barium	45.2	0.7	0.33	mg/Kg	02/27/15	LK	SW6010C
Beryllium	0.45	0.27	0.13	mg/Kg	02/27/15	LK	SW6010C
Calcium	1390	3.3	3.1	mg/Kg	02/27/15	LK	SW6010C
Cadmium	< 0.33	0.33	0.13	mg/Kg	02/27/15	LK	SW6010C
Cobalt	7.08	0.33	0.33	mg/Kg	02/27/15	LK	SW6010C
Chromium	16.6	0.33	0.33	mg/Kg	02/27/15	LK	SW6010C
Copper	16.5	0.33	0.33	mg/kg	02/27/15	LK	SW6010C
Iron	15000	33	33	mg/Kg	02/27/15	LK	SW6010C
Mercury	0.15	N 0.03	0.02	mg/Kg	02/27/15	MA	SW7471B
Potassium	1600	N 7	2.6	mg/Kg	02/27/15	LK	SW6010C
Magnesium	2770	3.3	3.3	mg/Kg	02/27/15	LK	SW6010C
Manganese	314	N 3.3	3.3	mg/Kg	02/27/15	LK	SW6010C
Sodium	99	N 7	2.9	mg/Kg	02/27/15	LK	SW6010C
Nickel	18.6	0.33	0.33	mg/Kg	02/27/15	LK	SW6010C
Lead	11.0	0.7	0.33	mg/Kg	02/27/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	02/27/15	LK	SW6010C
Selenium	< 1.3	1.3	1.1	mg/Kg	02/27/15	LK	SW6010C
Thallium	< 1.3	1.3	1.3	mg/Kg	02/27/15	LK	SW6010C
Vanadium	26.0	0.3	0.33	mg/Kg	02/27/15	LK	SW6010C
Zinc	31.1	0.7	0.33	mg/Kg	02/27/15	LK	SW6010C
Percent Solid	90			%	02/26/15	I	SW846
Soil Extraction for SVOA	Completed				02/26/15	CJ/VH	SW3545A
Mercury Digestion	Completed				02/27/15	I/I	SW7471B
Total Metals Digest	Completed				02/26/15	CB/AG	SW3050B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/27/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrophenol	ND	1800	250	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/27/15	DD	SW8270D
2-Nitroaniline	ND	1800	360	ug/Kg	02/27/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	02/27/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	02/27/15	DD	SW8270D
3-Nitroaniline	ND	1800	780	ug/Kg	02/27/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	02/27/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
4-Chloroaniline	ND	720	170	ug/Kg	02/27/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
4-Nitroaniline	ND	1800	120	ug/Kg	02/27/15	DD	SW8270D
4-Nitrophenol	ND	1800	160	ug/Kg	02/27/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Aniline	ND	1800	730	ug/Kg	02/27/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzidine	ND	720	210	ug/Kg	02/27/15	DD	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	02/27/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	93	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	02/27/15	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Di-n-butylphthalate	ND	250	96	ug/Kg	02/27/15	DD	SW8270D
Di-n-octylphthalate	ND	250	93	ug/Kg	02/27/15	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Phenol	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	02/27/15	DD	SW8270D
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	101			%	02/27/15	DD	19 - 122 %
% 2-Fluorobiphenyl	85			%	02/27/15	DD	30 - 115 %
% 2-Fluorophenol	64			%	02/27/15	DD	25 - 121 %
% Nitrobenzene-d5	77			%	02/27/15	DD	23 - 120 %
% Phenol-d5	74			%	02/27/15	DD	24 - 113 %
% Terphenyl-d14	106			%	02/27/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

March 05, 2015

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report

March 05, 2015

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LB
 Analyzed by: see "By" below

Date

02/25/15
 02/26/15

Time

7:40
 15:12

Laboratory Data

SDG ID: GBH77390
 Phoenix ID: BH77392

Project ID: 511 4TH AVE., BROOKLYN
 Client ID: B2 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.32	0.32	0.32	mg/Kg	02/27/15	LK	SW6010C
Aluminum	4910	32	6.4	mg/Kg	02/27/15	LK	SW6010C
Arsenic	2.3	0.6	0.64	mg/Kg	02/27/15	LK	SW6010C
Barium	34.3	0.6	0.32	mg/Kg	02/27/15	LK	SW6010C
Beryllium	0.43	0.26	0.13	mg/Kg	02/27/15	LK	SW6010C
Calcium	6120	3.2	2.9	mg/Kg	02/27/15	LK	SW6010C
Cadmium	0.14	B 0.32	0.13	mg/Kg	02/27/15	LK	SW6010C
Cobalt	6.53	0.32	0.32	mg/Kg	02/27/15	LK	SW6010C
Chromium	15.8	0.32	0.32	mg/Kg	02/27/15	LK	SW6010C
Copper	14.2	0.32	0.32	mg/kg	02/27/15	LK	SW6010C
Iron	14100	32	32	mg/Kg	02/27/15	LK	SW6010C
Mercury	< 0.03	N 0.03	0.02	mg/Kg	02/27/15	MA	SW7471B
Potassium	1530	N 6	2.5	mg/Kg	02/27/15	LK	SW6010C
Magnesium	2860	3.2	3.2	mg/Kg	02/27/15	LK	SW6010C
Manganese	267	N 3.2	3.2	mg/Kg	02/27/15	LK	SW6010C
Sodium	144	N 6	2.7	mg/Kg	02/27/15	LK	SW6010C
Nickel	16.1	0.32	0.32	mg/Kg	02/27/15	LK	SW6010C
Lead	11.8	0.6	0.32	mg/Kg	02/27/15	LK	SW6010C
Antimony	< 1.6	1.6	1.6	mg/Kg	02/27/15	LK	SW6010C
Selenium	< 1.3	1.3	1.1	mg/Kg	02/27/15	LK	SW6010C
Thallium	< 1.3	1.3	1.3	mg/Kg	02/27/15	LK	SW6010C
Vanadium	18.9	0.3	0.32	mg/Kg	02/27/15	LK	SW6010C
Zinc	28.9	0.6	0.32	mg/Kg	02/27/15	LK	SW6010C
Percent Solid	92			%	02/26/15	I	SW846
Soil Extraction for PCB	Completed				02/26/15	CC	SW3545A
Soil Extraction for Pesticide	Completed				02/26/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed				02/26/15	CJ/VH	SW3545A
Mercury Digestion	Completed				02/27/15	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/26/15	CB/AG	SW3050B
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
<u>QA/QC Surrogates</u>							
% DCBP	79			%	02/27/15	AW	30 - 150 %
% TCMX	89			%	02/27/15	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.2	2.2	ug/Kg	02/28/15	CE	SW8081B
4,4' -DDE	ND	2.2	2.2	ug/Kg	02/28/15	CE	SW8081B
4,4' -DDT	ND	2.2	2.2	ug/Kg	02/28/15	CE	SW8081B
a-BHC	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
b-BHC	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	02/28/15	CE	SW8081B
d-BHC	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
Endosulfan I	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Endosulfan II	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Endosulfan sulfate	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Endrin	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Endrin aldehyde	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Endrin ketone	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	02/28/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
Heptachlor	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Heptachlor epoxide	ND	7.2	7.2	ug/Kg	02/28/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	02/28/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	02/28/15	CE	SW8081B
<u>QA/QC Surrogates</u>							
% DCBP	85			%	02/28/15	CE	30 - 150 %
% TCMX	77			%	02/28/15	CE	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.4	0.89	ug/Kg	02/27/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	0.78	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	1.5	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	0.60	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	0.48	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	0.72	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	0.80	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	0.58	ug/Kg	02/27/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	0.86	ug/Kg	02/27/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	0.91	ug/Kg	02/27/15	JLI	SW8260C
2-Chlorotoluene	ND	5.4	0.87	ug/Kg	02/27/15	JLI	SW8260C
2-Hexanone	ND	27	2.4	ug/Kg	02/27/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	0.75	ug/Kg	02/27/15	JLI	SW8260C
4-Chlorotoluene	ND	5.4	0.63	ug/Kg	02/27/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	1.3	ug/Kg	02/27/15	JLI	SW8260C
Acetone	6.4	JS 50	5.4	ug/Kg	02/27/15	JLI	SW8260C
Acrylonitrile	ND	11	3.1	ug/Kg	02/27/15	JLI	SW8260C
Benzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Bromobenzene	ND	5.4	0.71	ug/Kg	02/27/15	JLI	SW8260C
Bromochloromethane	ND	5.4	0.79	ug/Kg	02/27/15	JLI	SW8260C
Bromodichloromethane	ND	5.4	0.67	ug/Kg	02/27/15	JLI	SW8260C
Bromoform	ND	5.4	0.76	ug/Kg	02/27/15	JLI	SW8260C
Bromomethane	ND	5.4	4.2	ug/Kg	02/27/15	JLI	SW8260C
Carbon Disulfide	ND	5.4	0.88	ug/Kg	02/27/15	JLI	SW8260C
Carbon tetrachloride	ND	5.4	0.63	ug/Kg	02/27/15	JLI	SW8260C
Chlorobenzene	ND	5.4	0.80	ug/Kg	02/27/15	JLI	SW8260C
Chloroethane	ND	5.4	1.3	ug/Kg	02/27/15	JLI	SW8260C
Chloroform	ND	5.4	0.99	ug/Kg	02/27/15	JLI	SW8260C
Chloromethane	ND	5.4	2.8	ug/Kg	02/27/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	0.59	ug/Kg	02/27/15	JLI	SW8260C
Dibromochloromethane	ND	5.4	0.61	ug/Kg	02/27/15	JLI	SW8260C
Dibromomethane	ND	5.4	0.68	ug/Kg	02/27/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
Ethylbenzene	ND	5.4	0.99	ug/Kg	02/27/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Isopropylbenzene	ND	5.4	1.0	ug/Kg	02/27/15	JLI	SW8260C
m&p-Xylene	ND	5.4	2.1	ug/Kg	02/27/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	33	4.7	ug/Kg	02/27/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	02/27/15	JLI	SW8260C
Methylene chloride	1.1	JS 5.4	0.89	ug/Kg	02/27/15	JLI	SW8260C
Naphthalene	ND	5.4	1.5	ug/Kg	02/27/15	JLI	SW8260C
n-Butylbenzene	ND	5.4	0.99	ug/Kg	02/27/15	JLI	SW8260C
n-Propylbenzene	ND	5.4	0.98	ug/Kg	02/27/15	JLI	SW8260C

1

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.4	2.1	ug/Kg	02/27/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	0.78	ug/Kg	02/27/15	JLI	SW8260C
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	02/27/15	JLI	SW8260C
Styrene	ND	5.4	1.6	ug/Kg	02/27/15	JLI	SW8260C
tert-Butylbenzene	ND	5.4	0.87	ug/Kg	02/27/15	JLI	SW8260C
Tetrachloroethene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	4.9	ug/Kg	02/27/15	JLI	SW8260C
Toluene	ND	5.4	0.86	ug/Kg	02/27/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/27/15	JLI	SW8260C
Trichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.4	0.85	ug/Kg	02/27/15	JLI	SW8260C
Vinyl chloride	ND	5.4	1.8	ug/Kg	02/27/15	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101			%	02/27/15	JLI	70 - 121 %
% Bromofluorobenzene	98			%	02/27/15	JLI	59 - 113 %
% Dibromofluoromethane	97			%	02/27/15	JLI	70 - 130 %
% Toluene-d8	96			%	02/27/15	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/27/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrophenol	ND	1800	250	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/27/15	DD	SW8270D
2-Nitroaniline	ND	1800	360	ug/Kg	02/27/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	02/27/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	02/27/15	DD	SW8270D
3-Nitroaniline	ND	1800	780	ug/Kg	02/27/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	02/27/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
4-Chloroaniline	ND	720	170	ug/Kg	02/27/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
4-Nitroaniline	ND	1800	120	ug/Kg	02/27/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	02/27/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Aniline	ND	1800	720	ug/Kg	02/27/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benz(a)anthracene	170	J 250	120	ug/Kg	02/27/15	DD	SW8270D
Benzidine	ND	720	210	ug/Kg	02/27/15	DD	SW8270D
Benzo(a)pyrene	140	J 250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(b)fluoranthene	180	J 250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	02/27/15	DD	SW8270D 1
Benzyl butyl phthalate	ND	250	92	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	02/27/15	DD	SW8270D 1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	02/27/15	DD	SW8270D
Chrysene	160	J 250	120	ug/Kg	02/27/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	02/27/15	DD	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	02/27/15	DD	SW8270D
Fluoranthene	360	250	120	ug/Kg	02/27/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
Phenanthrene	330	250	100	ug/Kg	02/27/15	DD	SW8270D
Phenol	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Pyrene	370	250	120	ug/Kg	02/27/15	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	02/27/15	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	93			%	02/27/15	DD	19 - 122 %
% 2-Fluorobiphenyl	84			%	02/27/15	DD	30 - 115 %
% 2-Fluorophenol	65			%	02/27/15	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	77			%	02/27/15	DD	23 - 120 %
% Phenol-d5	74			%	02/27/15	DD	24 - 113 %
% Terphenyl-d14	100			%	02/27/15	DD	18 - 137 %

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

B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) 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.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

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Phyllis Shiller, Laboratory Director

March 05, 2015

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report

March 05, 2015

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LB
 Analyzed by: see "By" below

Date

02/25/15
 02/26/15

Time

8:00
 15:12

Laboratory Data

SDG ID: GBH77390
 Phoenix ID: BH77393

Project ID: 511 4TH AVE., BROOKLYN
 Client ID: B2 4-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Aluminum	10100	37	7.4	mg/Kg	02/27/15	LK	SW6010C
Arsenic	4.4	0.7	0.74	mg/Kg	02/27/15	LK	SW6010C
Barium	46.4	0.7	0.37	mg/Kg	02/27/15	LK	SW6010C
Beryllium	0.46	0.30	0.15	mg/Kg	02/27/15	LK	SW6010C
Calcium	3790	3.7	3.4	mg/Kg	02/27/15	LK	SW6010C
Cadmium	< 0.37	0.37	0.15	mg/Kg	02/27/15	LK	SW6010C
Cobalt	6.38	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Chromium	13.6	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Copper	12.4	0.37	0.37	mg/kg	02/27/15	LK	SW6010C
Iron	17800	37	37	mg/Kg	02/27/15	LK	SW6010C
Mercury	0.08	N 0.03	0.02	mg/Kg	02/27/15	MA	SW7471B
Potassium	717	N 7	2.9	mg/Kg	02/27/15	LK	SW6010C
Magnesium	1940	3.7	3.7	mg/Kg	02/27/15	LK	SW6010C
Manganese	245	N 3.7	3.7	mg/Kg	02/27/15	LK	SW6010C
Sodium	77	N 7	3.2	mg/Kg	02/27/15	LK	SW6010C
Nickel	12.1	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Lead	39.7	0.7	0.37	mg/Kg	02/27/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	02/27/15	LK	SW6010C
Selenium	< 1.5	1.5	1.3	mg/Kg	02/27/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	02/27/15	LK	SW6010C
Vanadium	20.5	0.4	0.37	mg/Kg	02/27/15	LK	SW6010C
Zinc	31.5	0.7	0.37	mg/Kg	02/27/15	LK	SW6010C
Percent Solid	88			%	02/26/15	I	SW846
Soil Extraction for SVOA	Completed				02/26/15	CJ/VH	SW3545A
Mercury Digestion	Completed				02/27/15	I/I	SW7471B
Total Metals Digest	Completed				02/26/15	CB/AG	SW3050B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	02/27/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	92	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrophenol	ND	1900	260	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	150	ug/Kg	02/27/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
2-Chloronaphthalene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
2-Chlorophenol	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	02/27/15	DD	SW8270D
2-Nitroaniline	ND	1900	380	ug/Kg	02/27/15	DD	SW8270D
2-Nitrophenol	ND	260	240	ug/Kg	02/27/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	150	ug/Kg	02/27/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	740	180	ug/Kg	02/27/15	DD	SW8270D
3-Nitroaniline	ND	1900	810	ug/Kg	02/27/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1900	400	ug/Kg	02/27/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
4-Chloroaniline	ND	740	170	ug/Kg	02/27/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
4-Nitroaniline	ND	1900	120	ug/Kg	02/27/15	DD	SW8270D
4-Nitrophenol	ND	1900	170	ug/Kg	02/27/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Acetophenone	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Aniline	ND	1900	750	ug/Kg	02/27/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benz(a)anthracene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
Benzidine	ND	740	220	ug/Kg	02/27/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benzoic acid	ND	1900	740	ug/Kg	02/27/15	DD	SW8270D
Benzyl butyl phthalate	ND	260	96	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Carbazole	ND	1900	280	ug/Kg	02/27/15	DD	SW8270D
Chrysene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Dimethylphthalate	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Di-n-butylphthalate	ND	260	99	ug/Kg	02/27/15	DD	SW8270D
Di-n-octylphthalate	ND	260	96	ug/Kg	02/27/15	DD	SW8270D
Fluoranthene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
Phenanthrene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Pyrene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
Pyridine	ND	260	92	ug/Kg	02/27/15	DD	SW8270D
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	92			%	02/27/15	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	02/27/15	DD	30 - 115 %
% 2-Fluorophenol	61			%	02/27/15	DD	25 - 121 %
% Nitrobenzene-d5	74			%	02/27/15	DD	23 - 120 %
% Phenol-d5	70			%	02/27/15	DD	24 - 113 %
% Terphenyl-d14	96			%	02/27/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

Comments:

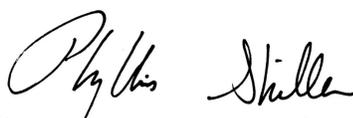
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

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

March 05, 2015

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report

March 05, 2015

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LB
 Analyzed by: see "By" below

Date

02/25/15
 02/26/15

Time

8:20
 15:12

Laboratory Data

SDG ID: GBH77390
 Phoenix ID: BH77394

Project ID: 511 4TH AVE., BROOKLYN
 Client ID: B3 0-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Aluminum	5780	37	7.3	mg/Kg	02/27/15	LK	SW6010C
Arsenic	2.4	0.7	0.73	mg/Kg	02/27/15	LK	SW6010C
Barium	46.3	0.7	0.37	mg/Kg	02/27/15	LK	SW6010C
Beryllium	0.52	0.29	0.15	mg/Kg	02/27/15	LK	SW6010C
Calcium	8430	3.7	3.4	mg/Kg	02/27/15	LK	SW6010C
Cadmium	0.17	B 0.37	0.15	mg/Kg	02/27/15	LK	SW6010C
Cobalt	7.15	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Chromium	19.1	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Copper	12.4	0.37	0.37	mg/kg	02/27/15	LK	SW6010C
Iron	13400	37	37	mg/Kg	02/27/15	LK	SW6010C
Mercury	< 0.03	N 0.03	0.02	mg/Kg	02/27/15	MA	SW7471B
Potassium	1450	N 7	2.9	mg/Kg	02/27/15	LK	SW6010C
Magnesium	4160	3.7	3.7	mg/Kg	02/27/15	LK	SW6010C
Manganese	443	N 3.7	3.7	mg/Kg	02/27/15	LK	SW6010C
Sodium	207	N 7	3.2	mg/Kg	02/27/15	LK	SW6010C
Nickel	21.5	0.37	0.37	mg/Kg	02/27/15	LK	SW6010C
Lead	10.9	0.7	0.37	mg/Kg	02/27/15	LK	SW6010C
Antimony	< 1.8	1.8	1.8	mg/Kg	02/27/15	LK	SW6010C
Selenium	< 1.5	1.5	1.2	mg/Kg	02/27/15	LK	SW6010C
Thallium	< 1.5	1.5	1.5	mg/Kg	02/27/15	LK	SW6010C
Vanadium	23.2	0.4	0.37	mg/Kg	02/27/15	LK	SW6010C
Zinc	33.5	0.7	0.37	mg/Kg	02/27/15	LK	SW6010C
Percent Solid	91			%	02/26/15	I	SW846
Soil Extraction for PCB	Completed				02/26/15	CC	SW3545A
Soil Extraction for Pesticide	Completed				02/26/15	CC/H	SW3545A
Soil Extraction for SVOA	Completed				02/26/15	CJ/VH	SW3545A
Mercury Digestion	Completed				02/27/15	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/26/15	CB/AG	SW3050B
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1221	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1232	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1242	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1248	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1254	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1260	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1262	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
PCB-1268	ND	36	36	ug/Kg	02/27/15	AW	SW8082A
<u>QA/QC Surrogates</u>							
% DCBP	76			%	02/27/15	AW	30 - 150 %
% TCMX	86			%	02/27/15	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.1	2.1	ug/Kg	02/28/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	02/28/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	02/28/15	CE	SW8081B
a-BHC	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
a-Chlordane	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
Aldrin	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
b-BHC	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Chlordane	ND	36	36	ug/Kg	02/28/15	CE	SW8081B
d-BHC	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Dieldrin	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
Endosulfan I	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Endosulfan II	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Endosulfan sulfate	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Endrin	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Endrin aldehyde	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Endrin ketone	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	02/28/15	CE	SW8081B
g-Chlordane	ND	3.6	3.6	ug/Kg	02/28/15	CE	SW8081B
Heptachlor	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Heptachlor epoxide	ND	7.1	7.1	ug/Kg	02/28/15	CE	SW8081B
Methoxychlor	ND	36	36	ug/Kg	02/28/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	02/28/15	CE	SW8081B
<u>QA/QC Surrogates</u>							
% DCBP	86			%	02/28/15	CE	30 - 150 %
% TCMX	80			%	02/28/15	CE	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.5	0.90	ug/Kg	02/27/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.5	0.78	ug/Kg	02/27/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	0.54	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.5	1.2	ug/Kg	02/27/15	JLI	SW8260C

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.5	0.78	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.5	0.79	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.5	1.5	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.5	1.5	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.5	0.60	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.5	0.48	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.5	0.78	ug/Kg	02/27/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.5	0.73	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.5	0.81	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.5	0.58	ug/Kg	02/27/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.5	0.87	ug/Kg	02/27/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.5	0.92	ug/Kg	02/27/15	JLI	SW8260C
2-Chlorotoluene	ND	5.5	0.88	ug/Kg	02/27/15	JLI	SW8260C
2-Hexanone	ND	27	2.5	ug/Kg	02/27/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.5	0.76	ug/Kg	02/27/15	JLI	SW8260C
4-Chlorotoluene	ND	5.5	0.64	ug/Kg	02/27/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	1.3	ug/Kg	02/27/15	JLI	SW8260C
Acetone	7.1	JS 50	5.5	ug/Kg	02/27/15	JLI	SW8260C
Acrylonitrile	ND	11	3.1	ug/Kg	02/27/15	JLI	SW8260C
Benzene	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
Bromobenzene	ND	5.5	0.71	ug/Kg	02/27/15	JLI	SW8260C
Bromochloromethane	ND	5.5	0.80	ug/Kg	02/27/15	JLI	SW8260C
Bromodichloromethane	ND	5.5	0.68	ug/Kg	02/27/15	JLI	SW8260C
Bromoform	ND	5.5	0.77	ug/Kg	02/27/15	JLI	SW8260C
Bromomethane	ND	5.5	4.2	ug/Kg	02/27/15	JLI	SW8260C
Carbon Disulfide	ND	5.5	0.89	ug/Kg	02/27/15	JLI	SW8260C
Carbon tetrachloride	ND	5.5	0.64	ug/Kg	02/27/15	JLI	SW8260C
Chlorobenzene	ND	5.5	0.81	ug/Kg	02/27/15	JLI	SW8260C
Chloroethane	ND	5.5	1.3	ug/Kg	02/27/15	JLI	SW8260C
Chloroform	ND	5.5	1.0	ug/Kg	02/27/15	JLI	SW8260C
Chloromethane	ND	5.5	2.9	ug/Kg	02/27/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.5	1.2	ug/Kg	02/27/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.5	0.59	ug/Kg	02/27/15	JLI	SW8260C
Dibromochloromethane	ND	5.5	0.62	ug/Kg	02/27/15	JLI	SW8260C
Dibromomethane	ND	5.5	0.69	ug/Kg	02/27/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.5	1.5	ug/Kg	02/27/15	JLI	SW8260C
Ethylbenzene	ND	5.5	1.0	ug/Kg	02/27/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.5	1.2	ug/Kg	02/27/15	JLI	SW8260C
Isopropylbenzene	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
m&p-Xylene	ND	5.5	2.2	ug/Kg	02/27/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	33	4.8	ug/Kg	02/27/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	02/27/15	JLI	SW8260C
Methylene chloride	1.4	JS 5.5	0.90	ug/Kg	02/27/15	JLI	SW8260C
Naphthalene	ND	5.5	1.5	ug/Kg	02/27/15	JLI	SW8260C
n-Butylbenzene	ND	5.5	1.0	ug/Kg	02/27/15	JLI	SW8260C
n-Propylbenzene	ND	5.5	0.99	ug/Kg	02/27/15	JLI	SW8260C

1

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.5	2.1	ug/Kg	02/27/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.5	0.79	ug/Kg	02/27/15	JLI	SW8260C
sec-Butylbenzene	ND	5.5	1.0	ug/Kg	02/27/15	JLI	SW8260C
Styrene	ND	5.5	1.6	ug/Kg	02/27/15	JLI	SW8260C
tert-Butylbenzene	ND	5.5	0.88	ug/Kg	02/27/15	JLI	SW8260C
Tetrachloroethene	ND	5.5	1.2	ug/Kg	02/27/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	4.9	ug/Kg	02/27/15	JLI	SW8260C
Toluene	ND	5.5	0.87	ug/Kg	02/27/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.5	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/27/15	JLI	SW8260C
Trichloroethene	ND	5.5	1.2	ug/Kg	02/27/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.5	1.2	ug/Kg	02/27/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.5	0.86	ug/Kg	02/27/15	JLI	SW8260C
Vinyl chloride	ND	5.5	1.8	ug/Kg	02/27/15	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99			%	02/27/15	JLI	70 - 121 %
% Bromofluorobenzene	97			%	02/27/15	JLI	59 - 113 %
% Dibromofluoromethane	97			%	02/27/15	JLI	70 - 130 %
% Toluene-d8	96			%	02/27/15	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
1,2-Dichlorobenzene	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
1,3-Dichlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
1,4-Dichlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	200	ug/Kg	02/27/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
2,4-Dichlorophenol	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
2,4-Dimethylphenol	ND	260	91	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrophenol	ND	1800	260	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrotoluene	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
2,6-Dinitrotoluene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
2-Chloronaphthalene	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
2-Chlorophenol	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
2-Methylnaphthalene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	170	ug/Kg	02/27/15	DD	SW8270D
2-Nitroaniline	ND	1800	370	ug/Kg	02/27/15	DD	SW8270D
2-Nitrophenol	ND	260	230	ug/Kg	02/27/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	730	170	ug/Kg	02/27/15	DD	SW8270D
3-Nitroaniline	ND	1800	800	ug/Kg	02/27/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	02/27/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
4-Chloroaniline	ND	730	170	ug/Kg	02/27/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
4-Nitroaniline	ND	1800	120	ug/Kg	02/27/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	170	ug/Kg	02/27/15	DD	SW8270D
Acenaphthene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Acenaphthylene	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Acetophenone	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Aniline	ND	1800	740	ug/Kg	02/27/15	DD	SW8270D
Anthracene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benz(a)anthracene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benzidine	ND	730	210	ug/Kg	02/27/15	DD	SW8270D
Benzo(a)pyrene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(b)fluoranthene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
Benzo(ghi)perylene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(k)fluoranthene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Benzoic acid	ND	1800	730	ug/Kg	02/27/15	DD	SW8270D 1
Benzyl butyl phthalate	ND	260	94	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	260	99	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	100	ug/Kg	02/27/15	DD	SW8270D 1
Bis(2-ethylhexyl)phthalate	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Carbazole	ND	1800	280	ug/Kg	02/27/15	DD	SW8270D
Chrysene	120	J 260	120	ug/Kg	02/27/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Dibenzofuran	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Diethyl phthalate	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Dimethylphthalate	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Di-n-butylphthalate	ND	260	97	ug/Kg	02/27/15	DD	SW8270D
Di-n-octylphthalate	ND	260	94	ug/Kg	02/27/15	DD	SW8270D
Fluoranthene	250	J 260	120	ug/Kg	02/27/15	DD	SW8270D
Fluorene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobenzene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobutadiene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Hexachloroethane	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Isophorone	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
Naphthalene	ND	260	110	ug/Kg	02/27/15	DD	SW8270D
Nitrobenzene	ND	260	130	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodimethylamine	ND	260	100	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
Pentachloronitrobenzene	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
Pentachlorophenol	ND	260	140	ug/Kg	02/27/15	DD	SW8270D
Phenanthrene	170	J 260	100	ug/Kg	02/27/15	DD	SW8270D
Phenol	ND	260	120	ug/Kg	02/27/15	DD	SW8270D
Pyrene	260	260	130	ug/Kg	02/27/15	DD	SW8270D
Pyridine	ND	260	90	ug/Kg	02/27/15	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	82			%	02/27/15	DD	19 - 122 %
% 2-Fluorobiphenyl	83			%	02/27/15	DD	30 - 115 %
% 2-Fluorophenol	60			%	02/27/15	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	73			%	02/27/15	DD	23 - 120 %
% Phenol-d5	68			%	02/27/15	DD	24 - 113 %
% Terphenyl-d14	106			%	02/27/15	DD	18 - 137 %

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

B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) 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.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

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Phyllis Shiller, Laboratory Director

March 05, 2015

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report

March 05, 2015

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LB
 Analyzed by: see "By" below

Date

02/25/15
 02/26/15

Time

8:40
 15:12

Laboratory Data

SDG ID: GBH77390
 Phoenix ID: BH77395

Project ID: 511 4TH AVE., BROOKLYN
 Client ID: B3 4-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	0.34	mg/Kg	02/27/15	LK	SW6010C
Aluminum	5020	34	6.7	mg/Kg	02/27/15	LK	SW6010C
Arsenic	1.9	0.7	0.67	mg/Kg	02/27/15	LK	SW6010C
Barium	40.4	0.7	0.34	mg/Kg	02/27/15	LK	SW6010C
Beryllium	0.37	0.27	0.13	mg/Kg	02/27/15	LK	SW6010C
Calcium	1570	3.4	3.1	mg/Kg	02/27/15	LK	SW6010C
Cadmium	< 0.34	0.34	0.13	mg/Kg	02/27/15	LK	SW6010C
Cobalt	6.00	0.34	0.34	mg/Kg	02/27/15	LK	SW6010C
Chromium	14.5	0.34	0.34	mg/Kg	02/27/15	LK	SW6010C
Copper	12.5	0.34	0.34	mg/kg	02/27/15	LK	SW6010C
Iron	12000	34	34	mg/Kg	02/27/15	LK	SW6010C
Mercury	< 0.03	N 0.03	0.02	mg/Kg	02/27/15	MA	SW7471B
Potassium	1180	N 7	2.6	mg/Kg	02/27/15	LK	SW6010C
Magnesium	2440	3.4	3.4	mg/Kg	02/27/15	LK	SW6010C
Manganese	285	N 3.4	3.4	mg/Kg	02/27/15	LK	SW6010C
Sodium	127	N 7	2.9	mg/Kg	02/27/15	LK	SW6010C
Nickel	16.0	0.34	0.34	mg/Kg	02/27/15	LK	SW6010C
Lead	5.3	0.7	0.34	mg/Kg	02/27/15	LK	SW6010C
Antimony	< 1.7	1.7	1.7	mg/Kg	02/27/15	LK	SW6010C
Selenium	< 1.3	1.3	1.1	mg/Kg	02/27/15	LK	SW6010C
Thallium	< 1.3	1.3	1.3	mg/Kg	02/27/15	LK	SW6010C
Vanadium	21.4	0.3	0.34	mg/Kg	02/27/15	LK	SW6010C
Zinc	26.1	0.7	0.34	mg/Kg	02/27/15	LK	SW6010C
Percent Solid	92			%	02/26/15	I	SW846
Soil Extraction for SVOA	Completed				02/26/15	CJ/VH	SW3545A
Mercury Digestion	Completed				02/27/15	I/I	SW7471B
Total Metals Digest	Completed				02/26/15	CB/AG	SW3050B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/26/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/26/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/26/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	89	ug/Kg	02/26/15	DD	SW8270D
2,4-Dinitrophenol	ND	1800	250	ug/Kg	02/26/15	DD	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/26/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/26/15	DD	SW8270D
2-Nitroaniline	ND	1800	360	ug/Kg	02/26/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	02/26/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/26/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	720	170	ug/Kg	02/26/15	DD	SW8270D
3-Nitroaniline	ND	1800	780	ug/Kg	02/26/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	390	ug/Kg	02/26/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/26/15	DD	SW8270D
4-Chloroaniline	ND	720	170	ug/Kg	02/26/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
4-Nitroaniline	ND	1800	120	ug/Kg	02/26/15	DD	SW8270D
4-Nitrophenol	ND	1800	160	ug/Kg	02/26/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
Aniline	ND	1800	720	ug/Kg	02/26/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Benzidine	ND	720	210	ug/Kg	02/26/15	DD	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Benzoic acid	ND	1800	720	ug/Kg	02/26/15	DD	SW8270D
Benzyl butyl phthalate	ND	250	93	ug/Kg	02/26/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	99	ug/Kg	02/26/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	97	ug/Kg	02/26/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	02/26/15	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	02/26/15	DD	SW8270D
Di-n-octylphthalate	ND	250	93	ug/Kg	02/26/15	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	02/26/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Nitrobenzene	ND	250	130	ug/Kg	02/26/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	02/26/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/26/15	DD	SW8270D
Pentachlorophenol	ND	250	140	ug/Kg	02/26/15	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	02/26/15	DD	SW8270D
Phenol	ND	250	110	ug/Kg	02/26/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	02/26/15	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	02/26/15	DD	SW8270D
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	93			%	02/26/15	DD	19 - 122 %
% 2-Fluorobiphenyl	81			%	02/26/15	DD	30 - 115 %
% 2-Fluorophenol	60			%	02/26/15	DD	25 - 121 %
% Nitrobenzene-d5	72			%	02/26/15	DD	23 - 120 %
% Phenol-d5	70			%	02/26/15	DD	24 - 113 %
% Terphenyl-d14	102			%	02/26/15	DD	18 - 137 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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

March 05, 2015

Reviewed and Released by: Ethan Lee, Project Manager



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

Analysis Report

March 05, 2015

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

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by: KW
 Received by: LB
 Analyzed by: see "By" below

Date

02/25/15
 02/26/15

Time

9:20
 15:12

Laboratory Data

SDG ID: GBH77390
 Phoenix ID: BH77397

Project ID: 511 4TH AVE., BROOKLYN
 Client ID: B4 4-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	0.39	mg/Kg	02/27/15	LK	SW6010C
Aluminum	6220	39	7.8	mg/Kg	02/27/15	LK	SW6010C
Arsenic	3.0	0.8	0.78	mg/Kg	02/27/15	LK	SW6010C
Barium	41.6	0.8	0.39	mg/Kg	02/27/15	LK	SW6010C
Beryllium	0.34	0.31	0.16	mg/Kg	02/27/15	LK	SW6010C
Calcium	1130	3.9	3.6	mg/Kg	02/27/15	LK	SW6010C
Cadmium	< 0.39	0.39	0.16	mg/Kg	02/27/15	LK	SW6010C
Cobalt	5.18	0.39	0.39	mg/Kg	02/27/15	LK	SW6010C
Chromium	12.0	0.39	0.39	mg/Kg	02/27/15	LK	SW6010C
Copper	70.2	0.39	0.39	mg/kg	02/27/15	LK	SW6010C
Iron	12300	39	39	mg/Kg	02/27/15	LK	SW6010C
Mercury	1.53	N 0.03	0.02	mg/Kg	02/27/15	MA	SW7471B
Potassium	785	N 8	3.0	mg/Kg	02/27/15	LK	SW6010C
Magnesium	1780	3.9	3.9	mg/Kg	02/27/15	LK	SW6010C
Manganese	221	N 3.9	3.9	mg/Kg	02/27/15	LK	SW6010C
Sodium	96	N 8	3.3	mg/Kg	02/27/15	LK	SW6010C
Nickel	14.4	0.39	0.39	mg/Kg	02/27/15	LK	SW6010C
Lead	72.3	0.8	0.39	mg/Kg	02/27/15	LK	SW6010C
Antimony	< 1.9	1.9	1.9	mg/Kg	02/27/15	LK	SW6010C
Selenium	< 1.6	1.6	1.3	mg/Kg	02/27/15	LK	SW6010C
Thallium	< 1.6	1.6	1.6	mg/Kg	02/27/15	LK	SW6010C
Vanadium	18.1	0.4	0.39	mg/Kg	02/27/15	LK	SW6010C
Zinc	51.7	0.8	0.39	mg/Kg	02/27/15	LK	SW6010C
Percent Solid	92			%	02/26/15	I	SW846
Soil Extraction for PCB	Completed				02/26/15	CC/H	SW3545A
Soil Extraction for Pesticide	Completed				02/26/15	CC	SW3545A
Soil Extraction for SVOA	Completed				02/26/15	CJ/VH	SW3545A
Mercury Digestion	Completed				02/27/15	I/I	SW7471B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Total Metals Digest	Completed				02/26/15	CB/AG	SW3050B
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1221	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1232	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1242	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1248	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1254	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1260	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1262	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
PCB-1268	ND	35	35	ug/Kg	02/27/15	AW	SW8082A
<u>QA/QC Surrogates</u>							
% DCBP	80			%	02/27/15	AW	30 - 150 %
% TCMX	88			%	02/27/15	AW	30 - 150 %
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.1	2.1	ug/Kg	02/27/15	CE	SW8081B
4,4' -DDE	ND	2.1	2.1	ug/Kg	02/27/15	CE	SW8081B
4,4' -DDT	ND	2.1	2.1	ug/Kg	02/27/15	CE	SW8081B
a-BHC	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
a-Chlordane	ND	3.5	3.5	ug/Kg	02/27/15	CE	SW8081B
Aldrin	ND	3.5	3.5	ug/Kg	02/27/15	CE	SW8081B
b-BHC	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Chlordane	ND	35	35	ug/Kg	02/27/15	CE	SW8081B
d-BHC	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Dieldrin	ND	3.5	3.5	ug/Kg	02/27/15	CE	SW8081B
Endosulfan I	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Endosulfan II	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Endosulfan sulfate	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Endrin	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Endrin aldehyde	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Endrin ketone	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
g-BHC	ND	1.4	1.4	ug/Kg	02/27/15	CE	SW8081B
g-Chlordane	ND	3.5	3.5	ug/Kg	02/27/15	CE	SW8081B
Heptachlor	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Heptachlor epoxide	ND	7.0	7.0	ug/Kg	02/27/15	CE	SW8081B
Methoxychlor	ND	35	35	ug/Kg	02/27/15	CE	SW8081B
Toxaphene	ND	140	140	ug/Kg	02/27/15	CE	SW8081B
<u>QA/QC Surrogates</u>							
% DCBP	91			%	02/27/15	CE	30 - 150 %
% TCMX	80			%	02/27/15	CE	30 - 150 %
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	5.4	0.89	ug/Kg	02/27/15	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	0.53	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C

Client ID: B4 4-6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,1-Dichloropropene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	0.78	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	1.5	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	0.60	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	0.48	ug/Kg	02/27/15	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	0.77	ug/Kg	02/27/15	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	0.72	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	0.80	ug/Kg	02/27/15	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	0.58	ug/Kg	02/27/15	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	0.86	ug/Kg	02/27/15	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	0.91	ug/Kg	02/27/15	JLI	SW8260C
2-Chlorotoluene	ND	5.4	0.87	ug/Kg	02/27/15	JLI	SW8260C
2-Hexanone	ND	27	2.4	ug/Kg	02/27/15	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	0.75	ug/Kg	02/27/15	JLI	SW8260C
4-Chlorotoluene	ND	5.4	0.63	ug/Kg	02/27/15	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	1.3	ug/Kg	02/27/15	JLI	SW8260C
Acetone	ND	50	5.4	ug/Kg	02/27/15	JLI	SW8260C
Acrylonitrile	ND	11	3.1	ug/Kg	02/27/15	JLI	SW8260C
Benzene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Bromobenzene	ND	5.4	0.71	ug/Kg	02/27/15	JLI	SW8260C
Bromochloromethane	ND	5.4	0.79	ug/Kg	02/27/15	JLI	SW8260C
Bromodichloromethane	ND	5.4	0.67	ug/Kg	02/27/15	JLI	SW8260C
Bromoform	ND	5.4	0.76	ug/Kg	02/27/15	JLI	SW8260C
Bromomethane	ND	5.4	4.2	ug/Kg	02/27/15	JLI	SW8260C
Carbon Disulfide	ND	5.4	0.88	ug/Kg	02/27/15	JLI	SW8260C
Carbon tetrachloride	ND	5.4	0.63	ug/Kg	02/27/15	JLI	SW8260C
Chlorobenzene	ND	5.4	0.80	ug/Kg	02/27/15	JLI	SW8260C
Chloroethane	ND	5.4	1.3	ug/Kg	02/27/15	JLI	SW8260C
Chloroform	ND	5.4	0.99	ug/Kg	02/27/15	JLI	SW8260C
Chloromethane	ND	5.4	2.8	ug/Kg	02/27/15	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	0.59	ug/Kg	02/27/15	JLI	SW8260C
Dibromochloromethane	ND	5.4	0.61	ug/Kg	02/27/15	JLI	SW8260C
Dibromomethane	ND	5.4	0.68	ug/Kg	02/27/15	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	1.4	ug/Kg	02/27/15	JLI	SW8260C
Ethylbenzene	ND	5.4	0.99	ug/Kg	02/27/15	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Isopropylbenzene	ND	5.4	1.0	ug/Kg	02/27/15	JLI	SW8260C
m&p-Xylene	ND	5.4	2.1	ug/Kg	02/27/15	JLI	SW8260C
Methyl Ethyl Ketone	ND	33	4.7	ug/Kg	02/27/15	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	1.5	ug/Kg	02/27/15	JLI	SW8260C
Methylene chloride	1.2	JS	5.4	0.89	ug/Kg	JLI	SW8260C
Naphthalene	ND	5.4	1.5	ug/Kg	02/27/15	JLI	SW8260C
n-Butylbenzene	ND	5.4	0.99	ug/Kg	02/27/15	JLI	SW8260C
n-Propylbenzene	ND	5.4	0.98	ug/Kg	02/27/15	JLI	SW8260C

1

B*

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
o-Xylene	ND	5.4	2.1	ug/Kg	02/27/15	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	0.78	ug/Kg	02/27/15	JLI	SW8260C
sec-Butylbenzene	ND	5.4	1.0	ug/Kg	02/27/15	JLI	SW8260C
Styrene	ND	5.4	1.6	ug/Kg	02/27/15	JLI	SW8260C
tert-Butylbenzene	ND	5.4	0.87	ug/Kg	02/27/15	JLI	SW8260C
Tetrachloroethene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	4.9	ug/Kg	02/27/15	JLI	SW8260C
Toluene	ND	5.4	0.86	ug/Kg	02/27/15	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	1.1	ug/Kg	02/27/15	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	10	ug/Kg	02/27/15	JLI	SW8260C
Trichloroethene	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	1.2	ug/Kg	02/27/15	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.4	0.85	ug/Kg	02/27/15	JLI	SW8260C
Vinyl chloride	ND	5.4	1.8	ug/Kg	02/27/15	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	98			%	02/27/15	JLI	70 - 121 %
% Bromofluorobenzene	96			%	02/27/15	JLI	59 - 113 %
% Dibromofluoromethane	97			%	02/27/15	JLI	70 - 130 %
% Toluene-d8	96			%	02/27/15	JLI	84 - 138 %
<u>Semivolatiles</u>							
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
1,2,4-Trichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
1,2-Dichlorobenzene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
1,2-Diphenylhydrazine	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
1,3-Dichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
1,4-Dichlorobenzene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	200	ug/Kg	02/27/15	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2,4-Dichlorophenol	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
2,4-Dimethylphenol	ND	250	88	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrophenol	ND	1800	250	ug/Kg	02/27/15	DD	SW8270D
2,4-Dinitrotoluene	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
2,6-Dinitrotoluene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2-Chloronaphthalene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
2-Chlorophenol	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
2-Methylnaphthalene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	170	ug/Kg	02/27/15	DD	SW8270D
2-Nitroaniline	ND	1800	360	ug/Kg	02/27/15	DD	SW8270D
2-Nitrophenol	ND	250	230	ug/Kg	02/27/15	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
3,3'-Dichlorobenzidine	ND	710	170	ug/Kg	02/27/15	DD	SW8270D
3-Nitroaniline	ND	1800	770	ug/Kg	02/27/15	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1800	380	ug/Kg	02/27/15	DD	SW8270D
4-Bromophenyl phenyl ether	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
4-Chloroaniline	ND	710	170	ug/Kg	02/27/15	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
4-Nitroaniline	ND	1800	120	ug/Kg	02/27/15	DD	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
4-Nitrophenol	ND	1800	160	ug/Kg	02/27/15	DD	SW8270D
Acenaphthene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Acenaphthylene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Acetophenone	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Aniline	ND	1800	720	ug/Kg	02/27/15	DD	SW8270D
Anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benz(a)anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzidine	ND	710	210	ug/Kg	02/27/15	DD	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(b)fluoranthene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(ghi)perylene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzo(k)fluoranthene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Benzoic acid	ND	1800	710	ug/Kg	02/27/15	DD	SW8270D 1
Benzyl butyl phthalate	ND	250	92	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	98	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroethyl)ether	ND	250	96	ug/Kg	02/27/15	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	99	ug/Kg	02/27/15	DD	SW8270D 1
Bis(2-ethylhexyl)phthalate	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Carbazole	ND	1800	270	ug/Kg	02/27/15	DD	SW8270D
Chrysene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Dibenz(a,h)anthracene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Dibenzofuran	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Diethyl phthalate	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Dimethylphthalate	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Di-n-butylphthalate	ND	250	95	ug/Kg	02/27/15	DD	SW8270D
Di-n-octylphthalate	ND	250	92	ug/Kg	02/27/15	DD	SW8270D
Fluoranthene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Fluorene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobenzene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Hexachlorobutadiene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Hexachloroethane	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Isophorone	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Naphthalene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Nitrobenzene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodimethylamine	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
N-Nitrosodiphenylamine	ND	250	140	ug/Kg	02/27/15	DD	SW8270D
Pentachloronitrobenzene	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
Pentachlorophenol	ND	250	130	ug/Kg	02/27/15	DD	SW8270D
Phenanthrene	ND	250	100	ug/Kg	02/27/15	DD	SW8270D
Phenol	ND	250	110	ug/Kg	02/27/15	DD	SW8270D
Pyrene	ND	250	120	ug/Kg	02/27/15	DD	SW8270D
Pyridine	ND	250	88	ug/Kg	02/27/15	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84			%	02/27/15	DD	19 - 122 %
% 2-Fluorobiphenyl	85			%	02/27/15	DD	30 - 115 %
% 2-Fluorophenol	61			%	02/27/15	DD	25 - 121 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	77			%	02/27/15	DD	23 - 120 %
% Phenol-d5	70			%	02/27/15	DD	24 - 113 %
% Terphenyl-d14	102			%	02/27/15	DD	18 - 137 %

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

B* = Present in blank, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) 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.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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

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

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Phyllis Shiller, Laboratory Director

March 05, 2015

Reviewed and Released by: Ethan Lee, Project Manager

Sample Criteria Exceedences Report

Criteria: NY: 375, 375RRS, 375RS

GBH77390 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	RL	Analysis Units
BH77390	\$8270SMRDP	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1200	330	330	330	ug/Kg
BH77390	\$8270SMRDP	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1200	330	330	330	ug/Kg
BH77390	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	21000	2500	3900	3900	3900	ug/Kg
BH77390	\$8270SMRDP	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	22000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	22000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	22000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	7700	1200	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	7700	1200	3900	3900	3900	ug/Kg
BH77390	\$8270SMRDP	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7700	1200	800	800	800	ug/Kg
BH77390	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	21000	2500	1000	1000	1000	ug/Kg
BH77390	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	14000	1200	500	500	500	ug/Kg
BH77390	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	14000	1200	500	500	500	ug/Kg
BH77390	\$8270SMRDP	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	14000	1200	500	500	500	ug/Kg
BH77390	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1200	330	330	330	ug/Kg
BH77390	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1200	330	330	330	ug/Kg
BH77390	\$8270SMRDP	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1200	330	330	330	ug/Kg
BH77390	\$PESTSMDPR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	10	10	5	5	5	ug/Kg
BH77390	\$PESTSMDPR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	10	5	5	5	ug/Kg
BH77390	\$PESTSMDPR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	35	14	14	14	ug/Kg
BH77390	\$PESTSMDPR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	35	20	20	20	ug/Kg
BH77390	\$PESTSMDPR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	3.3	ug/Kg
BH77390	\$PESTSMDPR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	3.3	ug/Kg
BH77390	\$PESTSMDPR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	21	3.3	3.3	3.3	ug/Kg
BH77397	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	70.2	0.39	50	50	50	mg/kg
BH77397	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.53	0.03	0.81	0.81	0.81	mg/Kg
BH77397	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.53	0.03	0.81	0.81	0.81	mg/Kg
BH77397	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.53	0.03	0.18	0.18	0.18	mg/Kg
BH77397	PB-SMDP	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	72.3	0.8	63	63	63	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

March 05, 2015

SDG I.D.: GBH77390

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



NY/NJ CHAIN OF CUSTODY RECORD

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

Cooler: Yes No
 Coolant: IPK ICE
 Temp 4 °C Pg 1 of 1

Contact Options:

Fax:
 Phone:
 Email:

Project P.O:

Project: 5114th Ave Brooklyn NY

Report to:

Invoice to:

Customer: ERS
 Address: 1808 Middle Country Rd
 Ridgely NY

This section **MUST** be completed with **Bottle Quantities.**

Client Sample - Information - Identification

Sampler's Signature: Karisa Waters Date: 2-25-14

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

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
77390	B1 0-2	S	2-25	7:00
77391	B1 4-6			7:20
77392	B2 0-2			7:40
77393	B2 4-6			8:00
77394	B3 0-2			8:20
77395	B3 4-6			8:40
77396	B4 0-2			9:00
77397	B4 4-6			9:20

Analysis Request

WV 8760
 SV 8770
 TR 8780
 TR 8790

40 ml VOA Vial [methanol] H2O	GL Soil container (2) oz	GL VOA Vial [methanol] H2O	
GL Soil container (2) oz	GL Amber 100ml [As is] HCl	GL Amber 100ml [As is] H2SO4	
PL H2SO4 [250ml] [500ml] [1000ml]	PL H2SO4 [250ml] [500ml] [1000ml]	PL H2SO4 [250ml] [500ml] [1000ml]	
PL NaOH 250ml	PL NaOH 250ml	Bacteria Bottle	

Relinquished by: [Signature] Accepted by: [Signature]
 Date: 2/26/15 Time: 9:50
2-26-15 1512

Comments, Special Requirements or Regulations:

* B4 0-2 hold

Turnaround:
 1 Day*
 2 Days*
 3 Days*
 5 Days
 10 Days
 Other

NY
 Res. Criteria
 Non-Res. Criteria
 Impact to GW Soil Cleanup Criteria
 GW Criteria

NJ
 TAGM 4046 GW
 TAGM 4046 SOIL
 NY375 Unrestricted Use Soil
 NY375 Residential Soil
 Restricted/Residential Commercial
 Industrial

Data Format
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQUiS
 NJ Hazsite EDD
 NY EZ EDD (ASP)
 Other

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

State where samples were collected: NY