

THE MANHATTAN

BROOKLYN, NEW YORK

Remedial Investigation Report

E-Designation Number: 13EH-A491K

Prepared for:

Chris Ceiliepk

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August/2013

REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

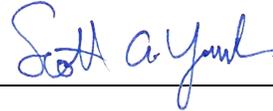
Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	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	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Scott Yanuck, 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 Manhattan, (NYC VCP Site No. site number: 13EH-A491K). 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.

Scott A. Yanuck

August 26 2013



Qualified Environmental Professional

Date

Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 415 Manhattan Avenue in the Greenpoint section in Brooklyn, New York and is identified as Block 2723 and Lot 30 on the New York City Tax Map. Figure 1.0 shows the Site location. The Site is 2,500-square feet in area and is bounded by Manhattan Avenue to the east, commercial and residential dwellings to the north, south and west. A map of the site boundary is shown in Figure 3.0. Currently, the Site is used for multi-family residential uses and contains one (1) two-story walk-up concrete block and brick residential structure with a rear yard.

Summary of Proposed Redevelopment Plan

The new construction will encompass the entire lot (2,500 square feet in area) and will consist of a six-story multi-family residential apartment building with a below ground parking garage and main foyer. There will be a cellar 5' 11" in depth with an elevator shaft located on the north side of the Subject Property. The parking garage, located on the west side of the property, will be excavated to a total depth of 19' 2" below grade, and will be constructed as a closed-in structure, with the entrance located on the east side of the property facing Manhattan Avenue. The layout of the proposed site development is presented in Figure 5.0. The current zoning designation is M1-2/R6A. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

The Subject Property has been used for residential purposes since construction circa 1887.

On April 7, 2013 Thomas Johansen, a *LEA* Geologist and Site inspector conducted an on-site investigation of the Subject Property. The Subject Property maintains one (1) two-story walk-up three-family residential dwelling. The building has a footprint of approximately 800 square feet and is situated on a parcel approximately 2,500 square feet in area. The building was constructed

circa 1887 for residential purposes and fronts along Manhattan Avenue. The site is relatively flat, covered with the building, a mostly unpaved rear yard, concrete sidewalks and a side fire egress. Due to the age of the building, lead based paint may be present within the Subject Building. The majority of painted surfaces were being re-painted during *LEA*'s inspection and were observed to be in excellent condition. No fill ports and/or vent pipes, which indicate the presence of underground storage tanks or aboveground storage tanks, were noted during our site investigation. The site is listed twice as an E-Designation site: E-138 Hazmat for underground gasoline storage tanks testing protocol and E-138-Air for operable window limitations. Both E-Designation listings were issued on May 11, 2005.

Summary of the Work Performed under the Remedial Investigation

Laurel Environmental Associates, Ltd. (LEA) performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the entire project Site, and collected five soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells at strategic locations at the Site and collected three groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed three soil vapor probes around Site perimeter and collected three samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is fourteen feet.
2. Depth to groundwater ranged from 6.55 ft. below ground surface (bgs) to 6.43 ft. bgs at the Site.
3. Groundwater flow is generally from southeast to northwest beneath the Site.
4. Depth to bedrock is unknown at the Site, but is not expected to be encountered during construction activities.

5. The stratigraphy of the site, from the surface down, consists of at least twelve feet of well graded sands.
6. Soil/fill samples collected during the RI showed no detectable concentrations of PCBs. One Volatile Organic Compound (VOC), Acetone was detected (max. of 130 ppb) above Unrestricted Use Soil Cleanup Objectives (SCOs) in two of three soil borings. Trace levels of 2-Butanone and methylene chloride were detected in all samples, however, none exceeded Unrestricted Use SCOs. Several Semi-Volatile Organic Compounds (SVOCs) including; Acenaphthene (52,800 ppb), Benzo (a) anthracene (max of 97,200 ppb), Benzo (a) Pyrene (max of 102,000 ppb), Benzo (b) fluoranthene (max of 63,500 ppb), Benzo (k) fluoranthene (max of 117,000 ppb), Chrysene (max of 91,100 ppb), Dibenzo (a,h) anthracene (max of 26,000 ppb), Fluoranthene (184,000 ppb), Fluorene (39,100 ppb), Indeno (1,2,3-cd) pyrene (max of 46,700 ppb), Naphthalene (59,300 ppb), Phenanthrene (189,000 ppb), and Pyrene (150,000 ppb) were detected above their respective Unrestricted Use SCOs in two shallow soil samples. Of these compounds, Benzo (a) anthracene, Benzo (a) Pyrene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Indeno (1,2,3-cd) pyrene, Phenanthrene, and Pyrene also exceeded their Restricted Residential Use SCOs. Two pesticides including 4,4-DDE (max. of 11.1 ppb) and 4,4-DDT (max. of 11.3 ppb) were detected above their respective Unrestricted Use SCOs. Metals including; Arsenic, Barium, Cadmium, Chromium trivalente, copper, lead, magnesium, selenium, and zinc were detected above Unrestricted Use SCOs. Of these metals, Arsenic (max of 22.6 ppm), Barium (469 ppm), Cadmium (6.18), Copper (max of 2,800), Lead (max of 3,700), and Zinc (max of 4,890) were also detected above Restricted Residential Use SCOs. Most of metal exceedances were in shallow soils. High concentrations of PAH compounds indicates a hotspot area.
7. Groundwater samples collected during the RI showed no detectable PCBs, or pesticides. The only VOC detected was Acetone at low concentrations. Several SVOCs and Metals were detected in the groundwater samples collected from the site, but at levels well below NYSDEC 6NYCRR Part 703.5 Groundwater Quality Standards (GQS).

8. Soil vapor samples collected during the RI showed a wide variety of petroleum related and chlorinated VOCs at low concentrations. Tetrachloroethylene (PCE) was identified in one soil vapor sample at a maximum concentration of 0.28 ug/m³. The PCE concentrations are all below the monitoring level ranges established within the State DOH soil vapor guidance matrix. TCE, 1,1,1-TCA and carbon tetrachloride were not detected in any of soil vapor samples.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Chris Cielepak has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 2,500 square foot site located at 415 Manhattan Avenue in the Greenpoint section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between June 25, 2013 and July 2, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment, consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 415 Manhattan Avenue in the Greenpoint section in Brooklyn, New York and is identified as Block 2723 and Lot 30 on the New York City Tax Map. Figure 1.0 shows the Site location. The Site is 2,500-square feet in area and is bounded by Manhattan Avenue to the east, commercial and residential dwellings to the north, south and west. A map of the site boundary is shown in Figure 3.0. Currently, the Site is used for multi-family residential uses and contains one (1) two-story walk-up concrete block and brick residential structure with a rear yard.

1.2 Proposed Redevelopment Plan

The new construction will encompass the entire lot (2,500 square feet in area) and will consist of a six-story multi-family residential apartment building with a below ground parking garage and main foyer. There will be a cellar (5' 11" in depth) with an elevator shaft located on the north side of the Subject Property. The parking garage, located on the west side of the property, will be excavated to a total depth of 19' 2" below grade and will be constructed as a closed-in structure with the entrance located on the east side of the property facing Manhattan Avenue. Layout of the proposed site development is presented in Appendix B. The current zoning designation is M1-2/R6A. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

Surrounding properties are residential and commercial in nature. Adjoining to the north is a non-descript commercial building. Adjoining to the south is a non-descript commercial building. Adjoining to the west are residential dwellings. Adjoining to the east is Manhattan Avenue and non-descript auto repair facilities. The sole nearby sensitive receptor is a Williamsburg Charter School located approximately 300-feet northwest.

Figure 5.0 shows the nearby sensitive receptors.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

The Subject Property has been used for residential purposes since construction circa 1887.

2.2 Previous Investigations

No previous investigation was made available to Laurel Environmental Associates.

2.3 Site Inspection

On April 7, 2013, Thomas Johansen, a *LEA* Geologist and Site Inspector conducted the on-site investigation of the Subject Property. The Subject Property maintains one (1) two-story walk-up three-family residential dwelling. The building has a footprint of approximately 800 square feet and is situated on a parcel approximately 2,500 square feet in area. The building was constructed circa 1887 for residential purposes and fronts along Manhattan Avenue. The site is relatively flat, covered with the building, a mostly unpaved rear yard, concrete sidewalks and a side fire egress. Due to the age of the building, lead based paint may be present within the Subject Building. The majority of painted surfaces were being re-painted during *LEA*'s inspection and were observed to be in excellent condition. No fill ports and/or vent pipes, which indicate the presence of underground storage tanks or aboveground storage tanks, were noted during our site investigation. The site is listed twice as an E-Designation site: E-138 Hazmat for underground gasoline storage tanks testing protocol and E-138-Air for operable window limitations. Both E-Designation listings were issued on May 11, 2005.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Former USTs. Based upon the age of the building, heat was most likely supplied by coal prior to conversion to either an oil-fired system or natural gas.
2. E-Designations 138 for Hazmat and Air. Historically Olk Co. was adjoining to the south and, according to the NYCOER, is the source of this listing.

Phase 1 Report is presented in Appendix A. A map showing areas of concern is presented in Figure 4.0.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Scott A. Yanuck

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

Laurel Environmental Associates, Ltd. (LEA) performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.).
2. Installed three soil borings across the entire project Site, and collected five soil samples for chemical analysis from the soil borings to evaluate soil quality.
3. Installed three groundwater monitoring wells at strategic locations at the Site and collected three groundwater samples for chemical analysis to evaluate groundwater quality.
4. Installed three soil vapor probes around Site perimeter and collected three samples for chemical analysis.

4.1 Geophysical Investigation

As per a meeting with OER, no geophysical survey was deemed necessary at the subject property.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

Soil borings were installed at three boring locations at twelve (12) feet below grade at three predetermined locations, selected with input from OER on May 22, 2013. Using a Geoprobe 420M drill rig (utilized instead of the larger track rig due to access limitations), samples were collected utilizing 1.5” rods and macro-core sampling technology. The collected samples were cut open, photographed, field-screened by visual, olfactory and calibrated PID, and logged, prior to placing in sample containers. Soils from 0-8 foot depth were generally brown to dark brown, well graded rocky sands. Soils from the 8-12 foot range consisted of wet dark brown silty sands with a boggy odor. Groundwater was encountered at approximately 7-8 ft. bgs. Visual and olfactory field screening found no evidence of contamination, and 0.0ppm was registered on the PID for all samples.

Boring logs were prepared by a geologist and are attached in Appendix D. A map showing the location of soil borings and monitor wells is shown in Figure4.0

Groundwater Monitoring Well Construction

Three temporary pre-pack monitoring wells were installed at boring locations SB-1, SB-2, and SB-3. Groundwater samples were collected from each well (designated GW-1, GW-2, and GW-3) using an inertial pump consisting of a stainless steel check valve and ball. The screen interval was set at 6 to 11 feet.

Monitoring well locations are shown in Figure 3.0.

Survey

Soil borings and monitoring wells are identified on a site sketch (Figure 3.0), utilizing an aerial photograph, overlaid with a technical diagram constructed by *LEA*.

Water Level Measurement

Groundwater levels were measured utilizing a Solinst model 102 Water Level Meter. Measurements were taken from the north point of each monitoring well.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. 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

Soil samples were collected using a 1.5" Geoprobe macro-core sampling rods. A new liner is utilized for each 4-foot sampling interval. The rods and cutting shoes are decontaminated between boreholes using Alconox and rinsed with fresh water. One duplicate soil sample was collected as part of the required QA/QC protocol.

Five 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 Table 2.0. Figure 4.0 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Disposable polyethylene tubing was used in conjunction with an inertial pump to collect the groundwater sample, so no decontamination was necessary. Since the well was a pre-pack well which was installed and developed the same day, no additional purging was necessary.

Three groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Table 2.0. Figure 4.0 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

A GeoProbe 420M was utilized to set soil vapor points at seven feet below grade, a depth just below the base of the proposed building slab. Once the sampling points were set in glass bead and sealed with bentonite above, a helium tracer gas was applied using the recommended bucket apparatus and a helium detector was used to confirm a sufficient seal at the surface.

Three soil vapor probes were installed and three soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 4.0. Soil vapor sample collection data is reported in Table 3.0. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

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 directed by Scott Yanuck
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was York Analytical Laboratories, Inc., (NYS ELAP License #10854)

<p>Chemical Analytical Methods</p>	<p>Soil analytical methods:</p> <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); <p>Groundwater analytical methods:</p> <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); <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters.
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Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2.0, 3.0 and 4.0. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix E and F.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Kings County is located in the Atlantic Coastal Plain physiographic province that is characterized by low hills of unconsolidated sands, gravel, and silt. According to Franke (1972), regionally, the near-surface sediments consist of the Upper Glacial deposits that are characterized by southward sloping deposits of sand, gravel, and silt. The Upper Glacial deposits have a maximum thickness of 600 feet. They are underlain by the Magothy, Raritan, and Lloyd Formations. The Gardeners clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation along the southwest portion of Long Island. Due to less surficial contamination and higher well yields, the Magothy aquifer is the main supply for drinking and industrial water. Consequently, the USEPA has identified it as a Sole Source Aquifer. The Subject Site is in the Upper Glacial aquifer. Pump test data suggests hydraulic conductivity between the Magothy and Upper Glacial aquifers. However, discontinuous clay lenses may prevent this interaction in some areas.

According to the United States Department of Agriculture Soil Survey Classification and Nomenclature System, this soil would likely be referred to as Urban Land, because the original composition and structure of the soil has been significantly altered by urbanization and development activities. Based on groundwater contour maps obtained from the United States Geological Survey, regional ground water flows in a northwesterly direction.

Stratigraphy

The site soils consist of approximately 4-5 feet of rocky sands and historical fill material followed by a mixture of silty sands.

Hydrogeology

According to groundwater contour maps provided by the NYSDEC, Topographic Quadrangles provided by the USGS, and previous work performed by *LEA* in the area, the Subject Property has an elevation of approximately 17 feet above mean sea level. Regional groundwater is estimated to be 6 feet below grade at the Subject Property and flowing in a northwesterly direction, towards the East River.

The average depth to groundwater is 6.49 ft. bgs and the range in depth is 6.43 to 6.55 bgs. Groundwater flow is from southeast to northwest.

5.2 Soil Chemistry

Soil/fill samples collected during the RI showed elevated levels of the Volatile Organic Compounds (VOCs) Acetone (typically a laboratory contaminant) at the 10-12' depth range from SB-1 and SB-2 at 130ppb and 57 ppb, respectively. Otherwise, few VOCs were detected in the samples and all were well below the NYSDEC Part 375 Unrestricted Use (Track 1) Soil Cleanup Objectives.

No chlorinated solvents (PCE, TCE, TCA or Carbon Tetrachloride) were detected in the samples collected from the Site. The Pesticides, 4,4-DDE (max 11.1ppb) and 4,4-DDT (max 11.3) were detected in SB-2 (0-2') and SB-3 (6'-8') at concentrations above the NYSDEC Part 375 Unrestricted Use (Track 1) Soil Cleanup Objectives.

Samples collected from 0-2 feet below grade showed elevated levels of several Semi-Volatile Organic Compounds (SVOCs) at concentrations exceeding their respective NYSDEC Track 1 Soil Cleanup Objectives, including; Acenaphthene (max 52,800ppb), Benzo (a) anthracene (max 97,200 ppb), Benzo (a) Pyrene (max 102,000 ppb), Benzo (b) fluoranthene (max 63,500 ppb), Benzo (k) fluoranthene (max 117,000 ppb), Chrysene (max 91,100 ppb), Dibenzo (a,h) anthracene (max 26,000 ppb), Fluoranthene (max 184,000 ppb), Fluorene (max 39,100 ppb), Indeno (1,2,3-cd) pyrene (46,700 ppb), Naphthalene (max 59,300 ppb), Phenanthrene (max 189,000 ppb), Pyrene (max 150,000 ppb).

Several metals were detected in the samples collected from the Site. Arsenic was detected in two of the five samples collected (max 22.6 ppm). Barium was detected in SB-1 (0-2') at 469ppm. Cadmium was detected in SB-1 and SB-2 (max 6.18ppm). Chromium was detected in all the samples collected (max 20.9ppm) Copper was detected in SB-1 and SB-2 (max 2,800ppm). Lead was detected in all the samples (max 3,700ppm). Magnesium was detected in SB-1 at 1,999ppm. Selenium was detected in SB-1 at 4.19ppm. Zinc was detected in SB-1 and SB-2 (max 4,890ppm).

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 Table 1.0. Figure 4.0 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

The results of chemical testing of groundwater at the Site are as follows:

Several VOCs were detected in the groundwater samples collected from the site but at levels well below the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

Several SVOCs were detected in the groundwater samples collected from the site but at levels well below the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

Several Heavy Metals (filtered and unfiltered) were detected in the groundwater samples collected from the site but at levels well below the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 2.0. Exceedence of applicable groundwater standards are shown.

Figure 4.0 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI showed a wide variety of VOCs at low concentrations, while no standards exist for soil vapor, no compounds exceed the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Final October 2006). Based on the low levels of VOCs the installation of a vapor barrier is not warranted at the Subject Site.

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 3.0.

Figure 13 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

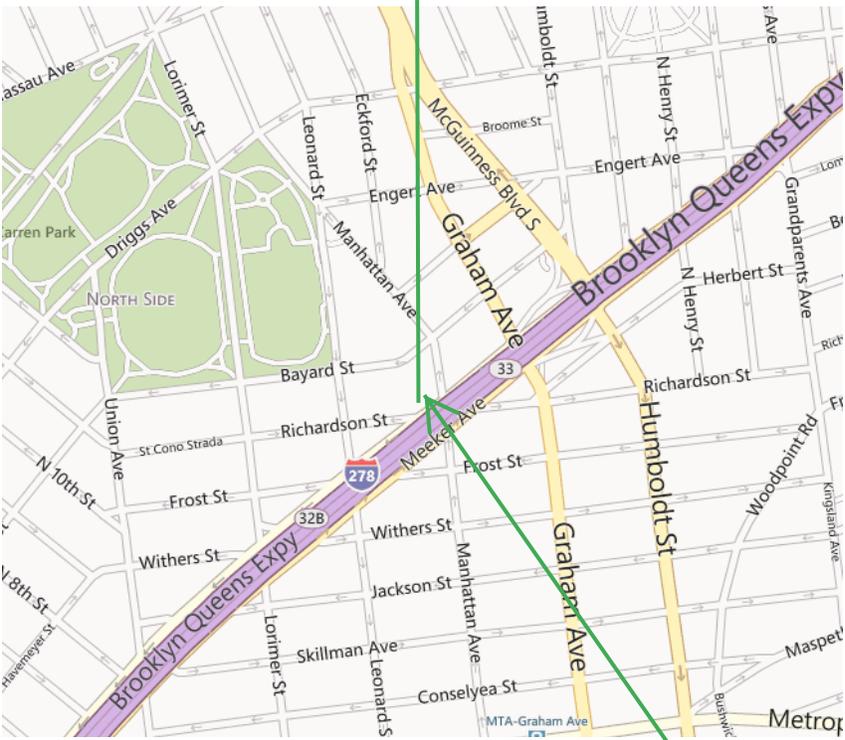
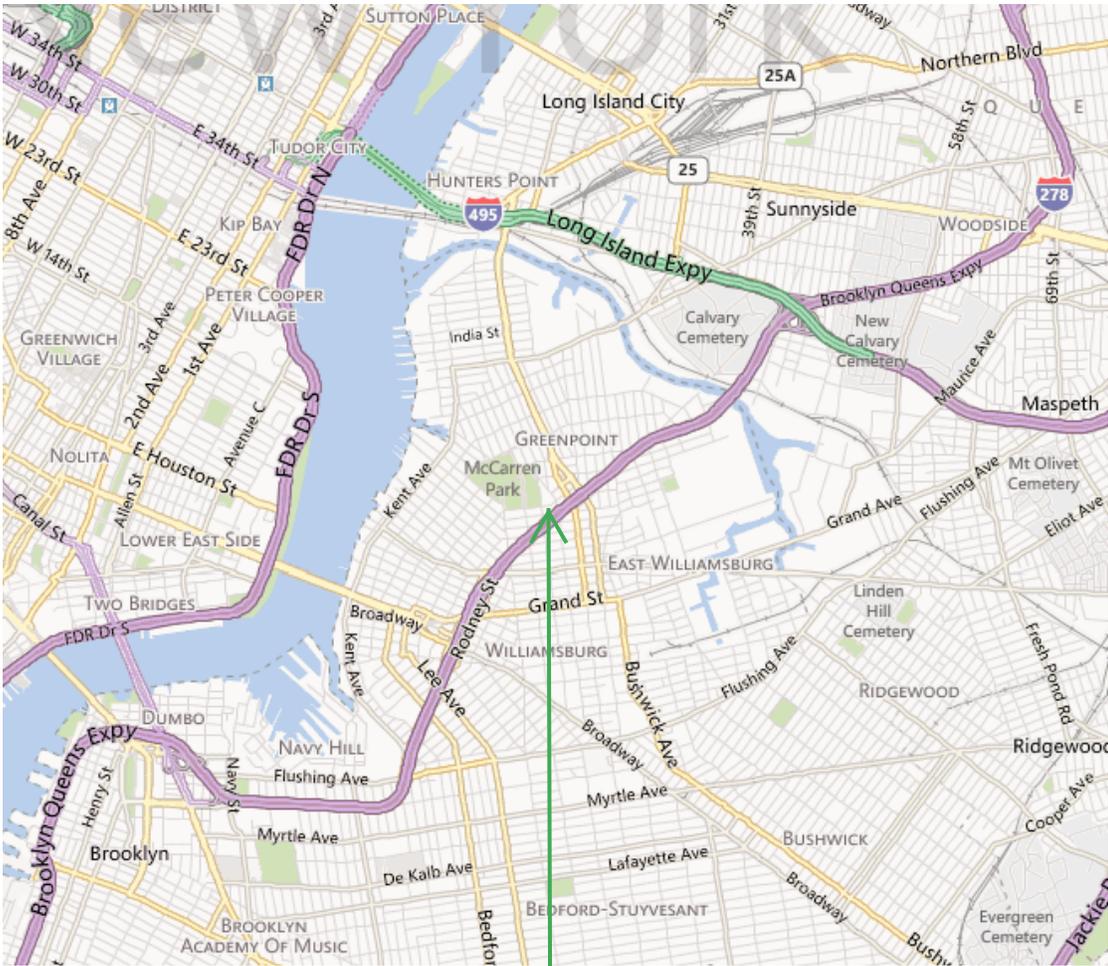
Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

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

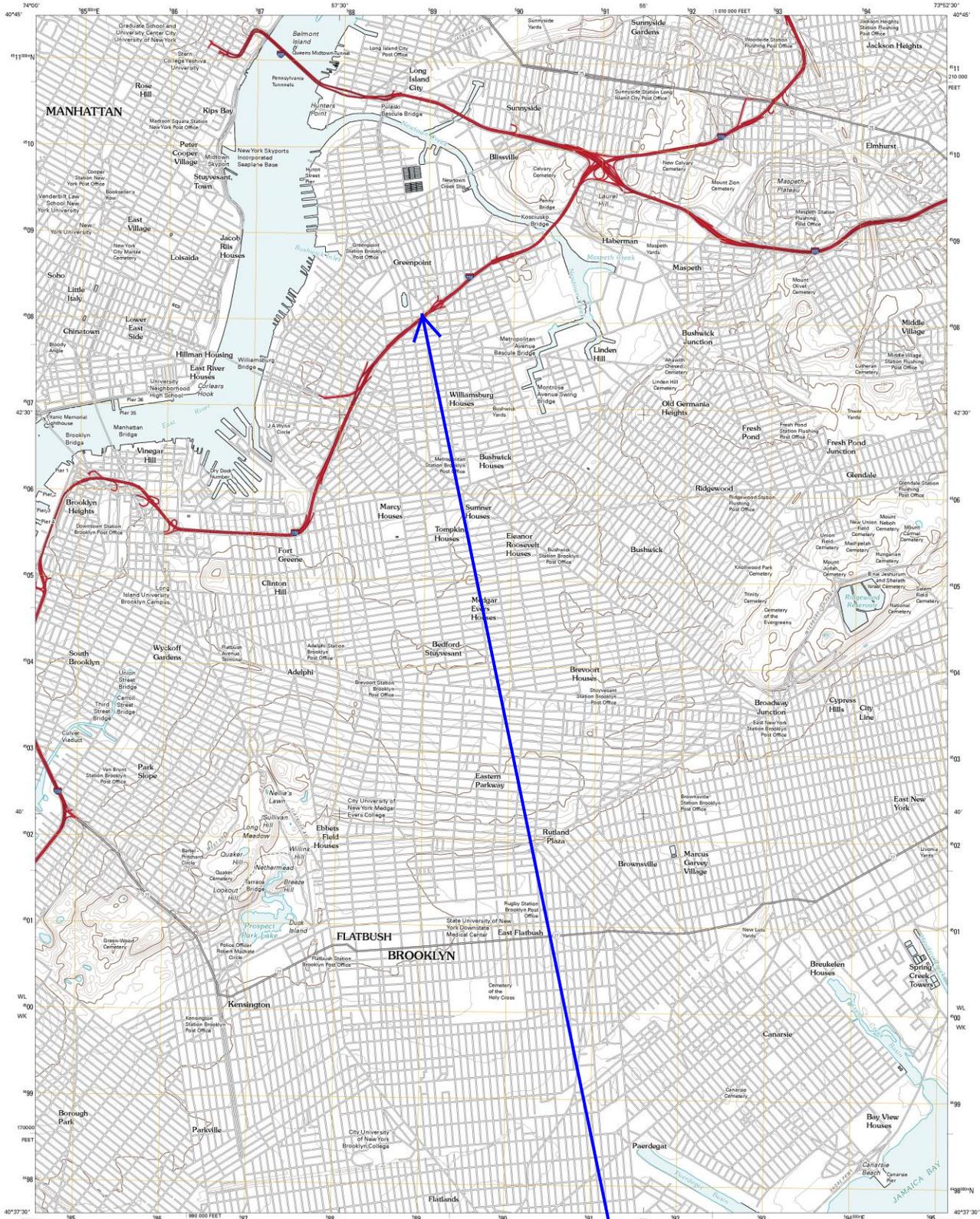
Site-Specific Standards, Criteria and Guidance

- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites
- 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998)
- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites (October 1994)
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- NYSDOH Indoor Air Sampling & Analysis Guidance (August 8, 2001 or subsequent update)
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (draft October 2004 or subsequent final draft)
- DER Interim Strategy for Groundwater Remediation at Contaminated Sites in New York State
- 6 NYCRR Part 612 - Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 - Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 - Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 - Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks



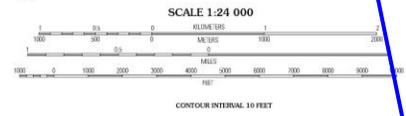
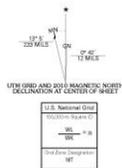
LEA, 53 West Hills Road, Suite 1, Huntington Station, New York 11746

Figure 1.0 Site Location
415 Manhattan Avenue
Brooklyn, New York



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84)
Projection and
1 000 meter grid. Universal Transverse Mercator, Zone 18T
10 000-foot scale. New York Coordinate System of 1983
(Long Island zone)

Imagery: NADP, August 2006
Roads: US Census Bureau TIGER data
with limited GPO updates, 2004
Names: GNS, 2008
Hydrography: National Hydrography Dataset, 2006
Contours: National Elevation Dataset, 2001



ROAD CLASSIFICATION		
Interstate Route	State Route	Local Road
US Route	Local Road	RWD
Ramp	Interstate Route	US Route

LANDMARK LOCATION		
Washington	Central Park	Flushing
Amey City	Brooklyn	Atlantic
The Narrows	Coney Island	Far Rockaway

ROAD CLASSIFICATION

Interstate Route State Route Local Road

US Route Local Road RWD

Interstate Route US Route State Route

BROOKLYN, NY
2010

Figure 2.0 Current Topographic Map
415 Manhattan Avenue
Brooklyn, New York

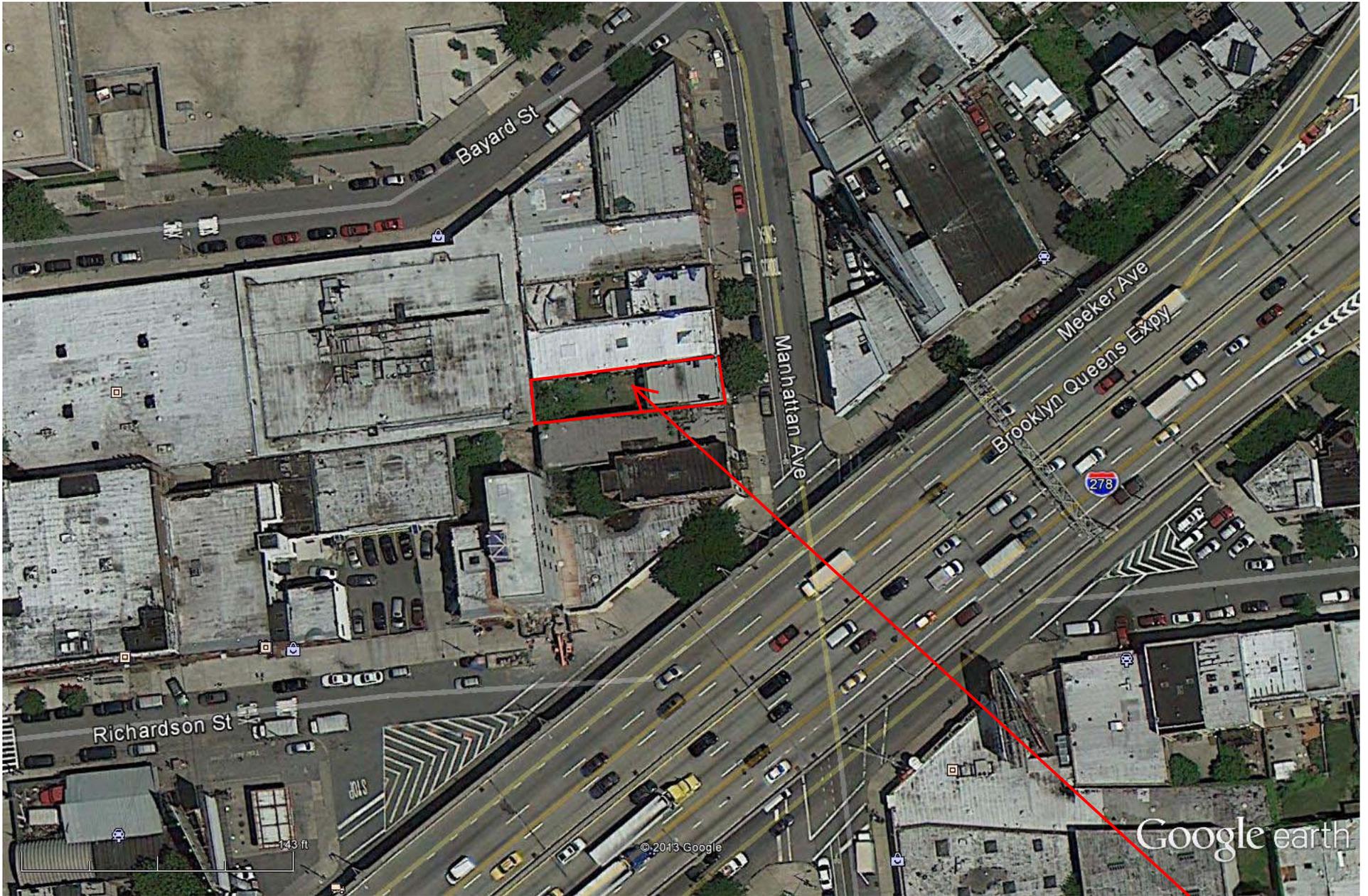
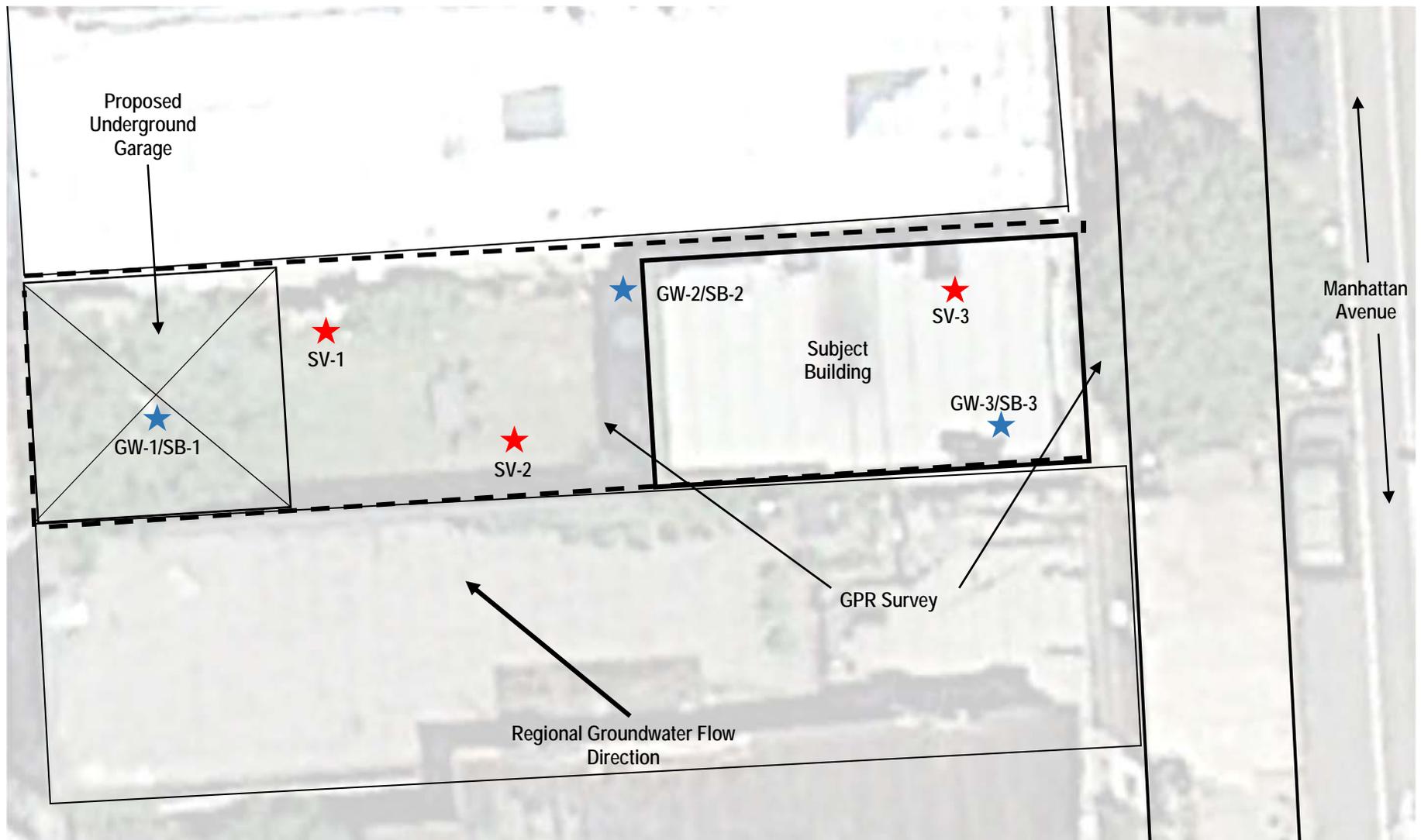


Figure 3.0 Aerial Photograph
415 Manhattan Avenue
Brooklyn, New York



53 West Hills Road, Suite 1
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

FIGURE 4.0
SITE SKETCH
WITH
SAMPLING LOCATIONS

415 MANHATTAN AVENUE
BROOKLYN, NEW YORK 11222

PROJECT #: 12-409
DRAWING DATE: 4-17-2013
DRAWN BY: THJ
CHECKED BY:
REVISIONS: 6-5-2013



NOT TO SCALE

LEA makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

Williamsburg
Charter School

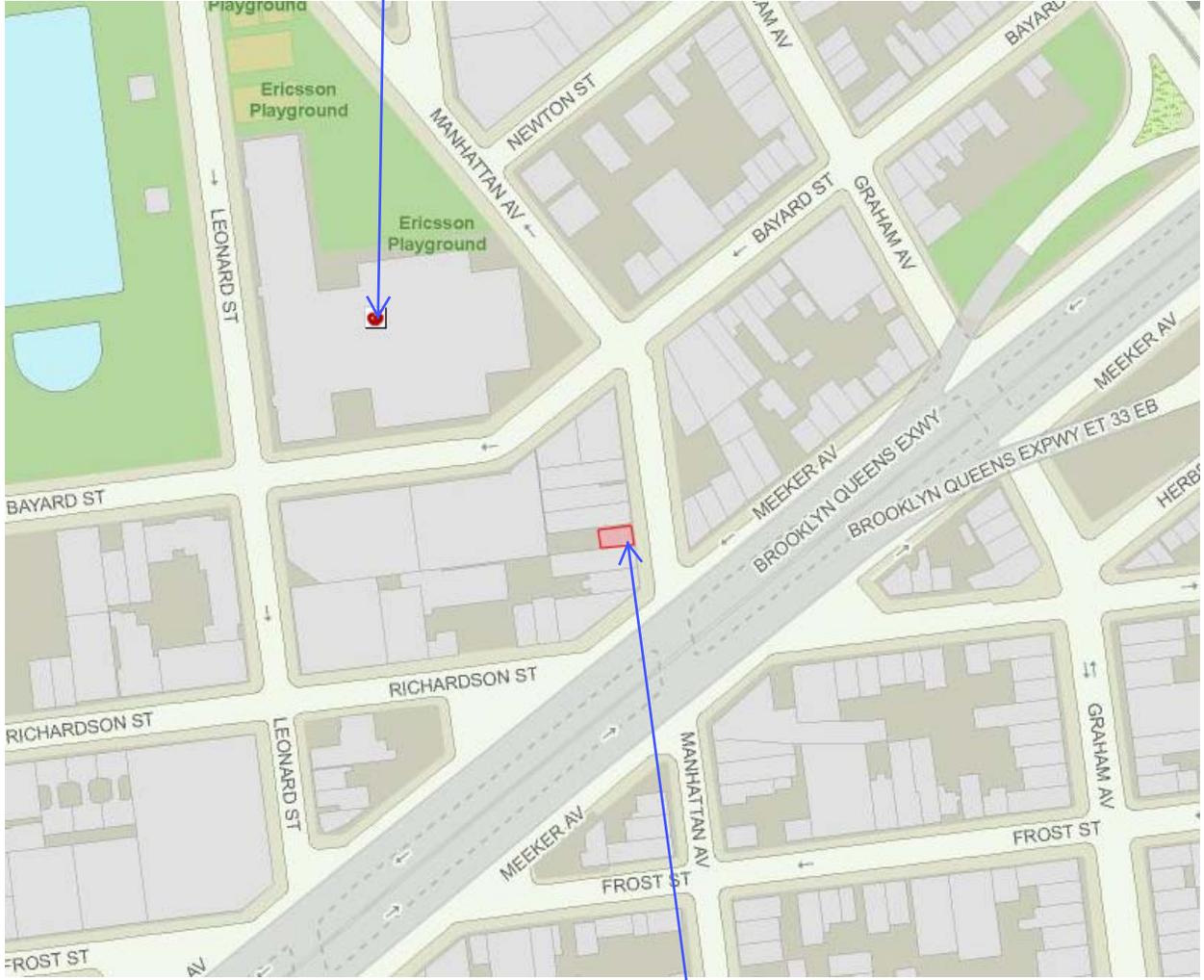


Figure 5.0 Map of
Surrounding Property Usage

Subject Property

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Commercial Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Industrial Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Residential Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential Soil mg/Kg	SB-1 (0-2') 13F0911-01 6/25/2013 9:45:00 AM 10 Soil mg/kg dry	
Compound	CASNumber						Result	Q
<i>Volatile Organics, 8260 List</i>		mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~	~	0.0063	U
1,1,1-Trichloroethane	71-55-6	500	0.68	1000	100	100	0.0063	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~	~	0.0063	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~	~	0.0063	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~	~	0.0063	U
1,1-Dichloroethane	75-34-3	240	0.27	480	19	26	0.0063	U
1,1-Dichloroethylene	75-35-4	500	0.33	1000	100	100	0.0063	U
1,1-Dichloropropylene	563-58-6	~	~	~	~	~	0.0063	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~	~	0.0063	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~	~	0.0063	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	~	0.0063	U
1,2,4-Trimethylbenzene	95-63-6	190	3.6	380	47	52	0.0063	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~	~	0.0063	U
1,2-Dibromoethane	106-93-4	~	~	~	~	~	0.0063	U
1,2-Dichlorobenzene	95-50-1	500	1.1	1000	100	100	0.0063	U
1,2-Dichloroethane	107-06-2	30	0.02	60	2.3	3.1	0.0063	U
1,2-Dichloropropane	78-87-5	~	~	~	~	~	0.0063	U
1,3,5-Trimethylbenzene	108-67-8	190	8.4	380	47	52	0.0063	U
1,3-Dichlorobenzene	541-73-1	280	2.4	560	17	49	0.0063	U
1,3-Dichloropropane	142-28-9	~	~	~	~	~	0.0063	U
1,4-Dichlorobenzene	106-46-7	130	1.8	250	9.8	13	0.0063	U
1,4-Dioxane	123-91-1	130	0.1	250	9.8	13	0.13	U
2,2-Dichloropropane	594-20-7	~	~	~	~	~	0.0063	U
2-Butanone	78-93-3	500	0.12	1000	100	100	0.0063	U
2-Chlorotoluene	95-49-8	~	~	~	~	~	0.0063	U
4-Chlorotoluene	106-43-4	~	~	~	~	~	0.0063	U
Acetone	67-64-1	500	0.05	1000	100	100	0.0063	U
Benzene	71-43-2	44	0.06	89	2.9	4.8	0.0063	U
Bromobenzene	108-86-1	~	~	~	~	~	0.0063	U
Bromochloromethane	74-97-5	~	~	~	~	~	0.0063	U
Bromodichloromethane	75-27-4	~	~	~	~	~	0.0063	U
Bromoform	75-25-2	~	~	~	~	~	0.0063	U
Bromomethane	74-83-9	~	~	~	~	~	0.0063	U
Carbon tetrachloride	56-23-5	22	0.76	44	1.4	2.4	0.0063	U
Chlorobenzene	108-90-7	500	1.1	1000	100	100	0.0063	U
Chloroethane	75-00-3	~	~	~	~	~	0.0063	U
Chloroform	67-66-3	350	0.37	700	10	49	0.0063	U
Chloromethane	74-87-3	~	~	~	~	~	0.0063	U
cis-1,2-Dichloroethylene	156-59-2	500	0.25	1000	59	100	0.0063	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~	~	0.0063	U
Dibromochloromethane	124-48-1	~	~	~	~	~	0.0063	U
Dibromomethane	74-95-3	~	~	~	~	~	0.0063	U
Dichlorodifluoromethane	75-71-8	~	~	~	~	~	0.0063	U
Ethyl Benzene	100-41-4	390	1	780	30	41	0.0063	U
Hexachlorobutadiene	87-68-3	~	~	~	~	~	0.0063	U
Isopropylbenzene	98-82-8	~	~	~	~	~	0.0063	U
Methyl tert-butyl ether (MTBE)	1634-04-4	500	0.93	1000	62	100	0.0063	U
Methylene chloride	75-09-2	500	0.05	1000	51	100	0.017	J
n-Butylbenzene	104-51-8	500	12	1000	100	100	0.0063	U
n-Propylbenzene	103-65-1	500	3.9	1000	100	100	0.0063	U
Naphthalene	91-20-3	500	12	1000	100	100	0.0063	U
o-Xylene	95-47-6	~	~	~	~	~	0.0063	U

p- & m- Xylenes	179601-23-1	~	~	~	~	~	0.013	U
p-Isopropyltoluene	99-87-6	~	~	~	~	~	0.0063	U
sec-Butylbenzene	135-98-8	500	11	1000	100	100	0.0063	U
Styrene	100-42-5	~	~	~	~	~	0.0063	U
tert-Butylbenzene	98-06-6	500	5.9	1000	100	100	0.0063	U
Tetrachloroethylene	127-18-4	150	1.3	300	5.5	19	0.0063	U
Toluene	108-88-3	500	0.7	1000	100	100	0.0063	U
trans-1,2-Dichloroethylene	156-60-5	500	0.19	1000	100	100	0.0063	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~	~	0.0063	U
Trichloroethylene	79-01-6	200	0.47	400	10	21	0.0063	U
Trichlorofluoromethane	75-69-4	~	~	~	~	~	0.0063	U
Vinyl acetate	108-05-4	~	~	~	~	~	0.0063	U
Vinyl Chloride	75-01-4	13	0.02	27	0.21	0.9	0.0063	U
Xylenes, Total	1330-20-7	500	1.6	1000	100	100	0.019	U
Semi-Volatiles, PAH Target List		mg/kg dry						
2-Methylnaphthalene	91-57-6	~	~	~	~	~	2.40	U
Acenaphthene	83-32-9	500	98	1000	100	100	1.13	U
Acenaphthylene	208-96-8	500	107	1000	100	100	1.50	U
Anthracene	120-12-7	500	1000	1000	100	100	1.93	J,D
Benzo(a)anthracene	56-55-3	5.6	1	11	1	1	6.44	D
Benzo(a)pyrene	50-32-8	1	22	1.1	1	1	7.16	D
Benzo(b)fluoranthene	205-99-2	5.6	1.7	11	1	1	6.46	D
Benzo(g,h,i)perylene	191-24-2	500	1000	1000	100	100	3.86	D
Benzo(k)fluoranthene	207-08-9	56	1.7	110	1	3.9	5.72	D
Chrysene	218-01-9	56	1	110	1	3.9	6.16	D
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	1.1	0.33	0.33	1.85	J,D
Fluoranthene	206-44-0	500	1000	1000	100	100	13.4	D
Fluorene	86-73-7	500	386	1000	100	100	1.50	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	11	0.5	0.5	4.12	D
Naphthalene	91-20-3	500	12	1000	100	100	0.769	U
Phenanthrene	85-01-8	500	1000	1000	100	100	8.90	D
Pyrene	129-00-0	500	1000	1000	100	100	9.65	D
Pesticides/PCBs, EPA 8081/8082 List		mg/kg dry						
4,4'-DDD	72-54-8	92	14	180	2.6	13	0.00206	U
4,4'-DDE	72-55-9	62	17	120	1.8	8.9	0.00206	U
4,4'-DDT	50-29-3	47	136	94	1.7	7.9	0.00206	U
Aldrin	309-00-2	0.68	0.19	1.4	0.019	0.097	0.00206	U
alpha-BHC	319-84-6	3.4	0.02	6.8	0.097	0.48	0.00206	U
Aroclor 1016	12674-11-2	~	~	~	~	~	0.0213	U
Aroclor 1221	11104-28-2	~	~	~	~	~	0.0213	U
Aroclor 1232	11141-16-5	~	~	~	~	~	0.0213	U
Aroclor 1242	53469-21-9	~	~	~	~	~	0.0213	U
Aroclor 1248	12672-29-6	~	~	~	~	~	0.0213	U
Aroclor 1254	11097-69-1	~	~	~	~	~	0.0213	U
Aroclor 1260	11096-82-5	~	~	~	~	~	0.0213	U
beta-BHC	319-85-7	3	0.09	14	0.072	0.36	0.00206	U
Chlordane, total	57-74-9	~	~	~	~	~	0.00826	U
delta-BHC	319-86-8	500	0.25	1000	100	100	0.00206	U
Dieldrin	60-57-1	1.4	0.1	2.8	0.039	0.2	0.00206	U
Endosulfan I	959-98-8	200	102	920	4.8	24	0.00206	U
Endosulfan II	33213-65-9	200	102	920	4.8	24	0.00206	U
Endosulfan sulfate	1031-07-8	200	1000	920	4.8	24	0.00206	U
Endrin	72-20-8	89	0.06	410	2.2	11	0.00206	U
Endrin aldehyde	7421-93-4	~	~	~	~	~	0.00206	U
Endrin ketone	53494-70-5	~	~	~	~	~	0.00206	U
gamma-BHC (Lindane)	58-89-9	9.2	0.1	23	0.28	1.3	0.00206	U
Heptachlor	76-44-8	15	0.38	29	0.42	2.1	0.00206	U
Heptachlor epoxide	1024-57-3	~	~	~	~	~	0.00206	U
Methoxychlor	72-43-5	~	~	~	~	~	0.0103	U
Total PCBs	1336-36-3	1	3.2	25	1	1	0.00851	U

Toxaphene	8001-35-2	~	~	~	~	~	0.104	U
Metals, Target Analyte		mg/kg dry						
Aluminum	7429-90-5	~	~	~	~	~	5500	
Antimony	7440-36-0	~	~	~	~	~	47.4	
Arsenic	7440-38-2	16	16	16	16	16	22.6	
Barium	7440-39-3	400	820	10000	350	400	469	
Beryllium	7440-41-7	590	47	2700	14	72	0.125	U
Cadmium	7440-43-9	9.3	7.5	60	2.5	4.3	3.69	
Calcium	7440-70-2	~	~	~	~	~	3840	
Chromium	7440-47-3	~	~	~	~	~	20.9	
Cobalt	7440-48-4	~	~	~	~	~	7.42	
Copper	7440-50-8	270	1720	10000	270	270	615	
Iron	7439-89-6	~	~	~	~	~	30700	E
Lead	7439-92-1	1000	450	3900	400	400	3700	
Magnesium	7439-95-4	~	~	~	~	~	850	
Manganese	7439-96-5	10000	2000	10000	2000	2000	288	
Nickel	7440-02-0	310	130	10000	140	310	28.4	
Potassium	7440-09-7	~	~	~	~	~	597	
Selenium	7782-49-2	1500	4	6800	36	180	4.19	
Silver	7440-22-4	1500	8.3	6800	36	180	0.125	U
Sodium	7440-23-5	~	~	~	~	~	274	
Thallium	7440-28-0	~	~	~	~	~	0.400	U
Vanadium	7440-62-2	~	~	~	~	~	50.8	
Zinc	7440-66-6	10000	2480	10000	2200	10000	1450	E
Mercury by 7470/7471		mg/kg dry						
Mercury	7439-97-6	2.8	0.73	5.7	0.81	0.81	0.0413	U
Total Solids		%	%	%	%	%	%	
% Solids	solids	~	~	~	~	~	79.9	
NOTES:								
Any Regulatory Exceedences are color coded by Regulation								
Q is the Qualifier Column with definitions as follows:								
B=analyte found in the analysis batch blank								
D=result is from an analysis that required a dilution								
E=result is estimated and cannot be accurately reported due to levels encountered or interference								
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimate								
U=analyte not detected at or above the level indicated								
~=this indicates that no regulatory limit has been established for this analyte								
DISCLAIMER:								
York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data								

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L		GW-1 13G0148-01 7/2/2013 9:00:00 AM 1 Water ug/L		GW-2 13G0148-02 7/2/2013 10:30:00 AM 1 Water ug/L		GW-3 13G0148-03 7/2/2013 1:00:00 PM 1 Water ug/L	
Compound	CASNumber		Result	Q	Result	Q	Result	Q
Semi-Volatiles, EPA TCL List		ug/L	ug/L		ug/L		ug/L	
1,2,4-Trichlorobenzene	120-82-1	5	2.53	U	2.60	U	2.99	U
1,2-Dichlorobenzene	95-50-1	3	2.55	U	2.62	U	3.02	U
1,3-Dichlorobenzene	541-73-1	3	2.68	U	2.75	U	3.16	U
1,4-Dichlorobenzene	106-46-7	3	2.27	U	2.33	U	2.68	U
2,4,5-Trichlorophenol	95-95-4	1	1.96	U	2.01	U	2.32	U
2,4,6-Trichlorophenol	88-06-2	1	1.79	U	1.84	U	2.12	U
2,4-Dichlorophenol	120-83-2	5	1.94	U	1.99	U	2.29	U
2,4-Dimethylphenol	105-67-9	50	1.64	U	1.68	U	1.94	U
2,4-Dinitrophenol	51-28-5	10	2.31	U	2.37	U	2.73	U
2,4-Dinitrotoluene	121-14-2	5	1.65	U	1.69	U	1.95	U
2,6-Dinitrotoluene	606-20-2	5	1.65	U	1.69	U	1.95	U
2-Chloronaphthalene	91-58-7	10	2.26	U	2.32	U	2.67	U
2-Chlorophenol	95-57-8	1	1.84	U	1.88	U	2.17	U
2-Methylnaphthalene	91-57-6	~	2.83	U	2.91	U	3.35	U
2-Methylphenol	95-48-7	1	1.19	U	1.22	U	1.41	U
2-Nitroaniline	88-74-4	5	1.72	U	1.77	U	2.04	U
2-Nitrophenol	88-75-5	1	2.42	U	2.48	U	2.86	U
3,3'-Dichlorobenzidine	91-94-1	5	1.30	U	1.34	U	1.54	U
3- & 4-Methylphenols	65794-96-9	~	1.15	U	1.18	U	1.36	U
3-Nitroaniline	99-09-2	5	1.72	U	1.77	U	2.04	U
4,6-Dinitro-2-methylphenol	534-52-1	~	1.66	U	1.71	U	1.96	U
4-Bromophenyl phenyl ether	101-55-3	~	1.36	U	1.40	U	1.61	U
4-Chloro-3-methylphenol	59-50-7	1	1.94	U	1.99	U	2.29	U
4-Chloroaniline	106-47-8	5	3.06	U	3.14	U	3.61	U
4-Chlorophenyl phenyl ether	7005-72-3	~	2.51	U	2.58	U	2.97	U
4-Nitroaniline	100-01-6	5	2.75	U	2.82	U	3.25	U
4-Nitrophenol	100-02-7	1	1.70	U	1.75	U	2.01	U
Acenaphthene	83-32-9	20	1.82	U	1.86	U	2.15	U
Acenaphthylene	208-96-8	~	1.78	U	1.83	U	2.11	U
Anthracene	120-12-7	50	1.22	U	1.25	U	1.44	U
Benzo(a)anthracene	56-55-3	0.002	1.34	U	1.38	U	1.59	U
Benzo(a)pyrene	50-32-8	0.002	1.33	U	1.37	U	1.58	U
Benzo(b)fluoranthene	205-99-2	0.002	1.45	U	1.48	U	1.71	U
Benzo(g,h,i)perylene	191-24-2	~	1.75	U	1.80	U	2.07	U
Benzo(k)fluoranthene	207-08-9	0.002	1.88	U	1.93	U	2.22	U
Benzoic acid	65-85-0	~	8.92	U	9.16	U	10.5	U
Benzyl alcohol	100-51-6	~	1.49	U	1.53	U	1.76	U
Benzyl butyl phthalate	85-68-7	50	0.874	U	0.897	U	1.03	U
Bis(2-chloroethoxy)methane	111-91-1	5	1.82	U	1.86	U	2.15	U
Bis(2-chloroethyl)ether	111-44-4	1	1.54	U	1.58	U	1.82	U
Bis(2-chloroisopropyl)ether	108-60-1	5	3.07	U	3.15	U	3.62	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	4.90	U	5.03	U	5.79	U
Chrysene	218-01-9	0.002	1.51	U	1.55	U	1.78	U
Di-n-butyl phthalate	84-74-2	50	2.10	U	2.16	U	2.48	U
Di-n-octyl phthalate	117-84-0	50	1.15	U	1.18	U	1.36	U
Dibenzo(a,h)anthracene	53-70-3	~	1.60	U	1.64	U	1.89	U
Dibenzofuran	132-64-9	~	2.47	U	2.54	U	2.92	U
Diethyl phthalate	84-66-2	50	2.63	U	2.69	U	3.10	U
Dimethyl phthalate	131-11-3	50	1.96	U	2.01	U	2.32	U
Fluoranthene	206-44-0	50	1.27	U	1.31	U	1.50	U
Fluorene	86-73-7	50	1.88	U	1.93	U	2.22	U
Hexachlorobenzene	118-74-1	0.04	1.30	U	1.34	U	1.54	U

Hexachlorobutadiene	87-68-3	0.5	2.86	U	2.94	U	3.38	U
Hexachlorocyclopentadiene	77-47-4	5	2.59	U	2.66	U	3.07	U
Hexachloroethane	67-72-1	5	3.12	U	3.20	U	3.68	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	1.74	U	1.79	U	2.06	U
Isophorone	78-59-1	50	2.75	U	2.82	U	3.25	U
N-nitroso-di-n-propylamine	621-64-7	~	2.63	U	2.69	U	3.10	U
N-Nitrosodiphenylamine	86-30-6	50	5.13	U	5.26	U	6.06	U
Naphthalene	91-20-3	10	2.04	U	2.09	U	2.41	U
Nitrobenzene	98-95-3	0.4	1.73	U	1.78	U	2.05	U
Pentachlorophenol	87-86-5	1	1.49	U	1.53	U	1.76	U
Phenanthrene	85-01-8	50	1.41	U	1.44	U	1.66	U
Phenol	108-95-2	1	1.13	U	1.16	U	1.33	U
Pyrene	129-00-0	50	1.77	U	1.82	U	2.10	U
Metals, Target Analyte		ug/L	ug/L		ug/L		ug/L	
Aluminum	7429-90-5	~	294		1020		250	
Antimony	7440-36-0	3	3	U	3	J	3	U
Arsenic	7440-38-2	25	4		14		9	
Barium	7440-39-3	1000	140		228		136	
Beryllium	7440-41-7	3	1	U	1	U	1	U
Cadmium	7440-43-9	5	2	U	2	U	2	U
Calcium	7440-70-2	~	106000		109000		126000	
Chromium	7440-47-3	50	2	U	2	J	2	U
Cobalt	7440-48-4	~	2	J	2	J	2	J
Copper	7440-50-8	200	2	J	65		2	J
Iron	7439-89-6	~	10200		762		4730	
Lead	7439-92-1	25	22		144		21	
Magnesium	7439-95-4	35000	11600		7660		16200	
Manganese	7439-96-5	300	318		380		531	
Nickel	7440-02-0	100	1	J	1	J	1	J
Potassium	7440-09-7	~	23600		20300		36100	
Selenium	7782-49-2	10	7	U	7	U	7	U
Silver	7440-22-4	50	2	U	2	U	2	U
Sodium	7440-23-5	20000	14900		16200		53000	
Thallium	7440-28-0	~	3	U	3	U	3	U
Vanadium	7440-62-2	~	2	J	12		2	J
Zinc	7440-66-6	2000	25		308		29	
Metals, Dissolved - Target Analyte (TAL)		ug/L	ug/L		ug/L		ug/L	
Aluminum	7429-90-5	~	10	U	10	U	10	U
Antimony	7440-36-0	3	3	U	3	J	3	U
Arsenic	7440-38-2	25	4	U	4	U	4	U
Barium	7440-39-3	1000	121		142		117	
Beryllium	7440-41-7	3	1	U	1	U	1	U
Cadmium	7440-43-9	5	2	U	2	U	2	U
Calcium	7440-70-2	~	108000		111000		128000	
Chromium	7440-47-3	50	2	U	2	U	2	U
Cobalt	7440-48-4	~	2	J	2	J	2	J
Copper	7440-50-8	200	2	U	2	U	2	U
Iron	7439-89-6	~	59		10	U	32	
Lead	7439-92-1	25	2	U	6		2	U
Magnesium	7439-95-4	35000	9340		8170		16800	
Manganese	7439-96-5	300	381		453		539	
Nickel	7440-02-0	100	1	J	1	J	1	J
Potassium	7440-09-7	~	19200		20000		38100	
Selenium	7782-49-2	10	10		7	J	12	
Silver	7440-22-4	50	2	U	2	U	2	U
Sodium	7440-23-5	20000	12600		16200		55800	
Thallium	7440-28-0	~	3	U	3	U	3	U
Vanadium	7440-62-2	~	2	U	2	J	2	U
Zinc	7440-66-6	2000	2	J	158		2	J
Mercury by 7470/7471		ug/L	ug/L		ug/L		ug/L	

Mercury	7439-97-6	0.7	0.2	U	0.5		0.2	U
<i>Mercury, Dissolved</i>		ug/L	ug/L		ug/L		ug/L	
Mercury	7439-97-6	0.7	0.03900	U	0.03900	U	0.03900	U
NOTES:								
Any Regulatory Exceedences are color coded by Regulation								
Q is the Qualifier Column with definitions as follows:								
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimatec								
U=analyte not detected at or above the level indicated								
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York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.								

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	GW-1 (7-12') 13F0911-06 6/25/2013 9:45:00 AM 1 Water ug/L		GW-2 (7-12') 13F0911-07 6/25/2013 9:45:00 AM 1 Water ug/L		GW-3 (7-12') 13F0911-08 6/25/2013 12:00:00 PM 1 Water ug/L		
Compound	CASNumber		Result ug/L	Q	Result ug/L	Q	Result ug/L	Q	
Volatile Organics, 8260 List		ug/L							
1,1,1,2-Tetrachloroethane	630-20-6	5		2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	71-55-6	5		2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5		2.5	U	2.5	U	2.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5		2.5	U	2.5	U	2.5	U
1,1,2-Trichloroethane	79-00-5	1		2.5	U	2.5	U	2.5	U
1,1-Dichloroethane	75-34-3	5		2.5	U	2.5	U	2.5	U
1,1-Dichloroethylene	75-35-4	5		2.5	U	2.5	U	2.5	U
1,1-Dichloropropylene	563-58-6	5		2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	87-61-6	5		2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04		2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5		2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5		2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04		2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	5		2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3		2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6		2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	78-87-5	1		2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	108-67-8	5		2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3		2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5		2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3		2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	594-20-7	5		2.5	U	2.5	U	2.5	U
2-Butanone	78-93-3	50		2.5	U	2.5	U	2.5	U
2-Chlorotoluene	95-49-8	5		2.5	U	2.5	U	2.5	U
4-Chlorotoluene	106-43-4	5		2.5	U	2.5	U	2.5	U
Acetone	67-64-1	50		3.7	J	2.5	U	3.3	J
Benzene	71-43-2	1		2.5	U	2.5	U	2.5	U
Bromobenzene	108-86-1	5		2.5	U	2.5	U	2.5	U
Bromochloromethane	74-97-5	5		2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50		2.5	U	2.5	U	2.5	U
Bromoform	75-25-2	50		2.5	U	2.5	U	2.5	U
Bromomethane	74-83-9	5		2.5	U	2.5	U	2.5	U
Carbon tetrachloride	56-23-5	5		2.5	U	2.5	U	2.5	U
Chlorobenzene	108-90-7	5		2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5		2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7		2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3	5		2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethylene	156-59-2	5		2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropylene	10061-01-5	0.4		2.5	U	2.5	U	2.5	U
Dibromochloromethane	124-48-1	50		2.5	U	2.5	U	2.5	U
Dibromomethane	74-95-3	~		2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	75-71-8	5		2.5	U	2.5	U	2.5	U
Ethyl Benzene	100-41-4	5		2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5		2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5		2.5	U	2.5	U	2.5	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10		2.5	U	2.5	U	2.5	U
Methylene chloride	75-09-2	5		2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5		2.5	U	2.5	U	2.5	U
n-Propylbenzene	103-65-1	5		2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10		2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5		2.5	U	2.5	U	2.5	U
p- & m- Xylenes	179601-23-1	5		5.0	U	5.0	U	5.0	U

p-Isopropyltoluene	99-87-6	5	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	2.5	U	2.5	U	2.5	U
Tetrachloroethylene	127-18-4	5	2.5	U	2.5	U	2.5	U
Toluene	108-88-3	5	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethylene	156-60-5	5	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	2.5	U	2.5	U	2.5	U
Trichloroethylene	79-01-6	5	2.5	U	2.5	U	2.5	U
Trichlorofluoromethane	75-69-4	5	2.5	U	2.5	U	2.5	U
Vinyl acetate	108-05-4	~	2.5	U	2.5	U	2.5	U
Vinyl Chloride	75-01-4	2	2.5	U	2.5	U	2.5	U
Xylenes, Total	1330-20-7	5	7.5	U	7.5	U	7.5	U
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Table 3.0

Compounds	NYSDOH Maximum Sub-Slab Value (ug/m ³)	SV-1	SV-2	SV-3
PCE	100	<0.19	<0.18	0.28
TCE	5	<0.095	<0.091	<0.11

Table 4.0

Analytical Methods Summary Table

Matrix	Number of Samples	Analytical Parameters Measured	Analytical Methods
Soil	5	VOCs, SVOCs, Metals, Pesticides, PCBs	8260, 8270, 6010B, 7470, 8081/8082
Groundwater	3	VOCs, SVOCs, Metals, Pesticides, PCBs	8260, 8270, 6010B, 7470, 8081/8082
Soil Vapor	3	VOCs	TO-15

APPENDIX A

LEA Phase 1 Report, April 17, 2013



PHASE I
ENVIRONMENTAL
SITE ASSESSMENT

**MULTI-FAMILY RESIDENTIAL
415 MANHATTAN AVENUE
BROOKLYN, NEW YORK 11222**

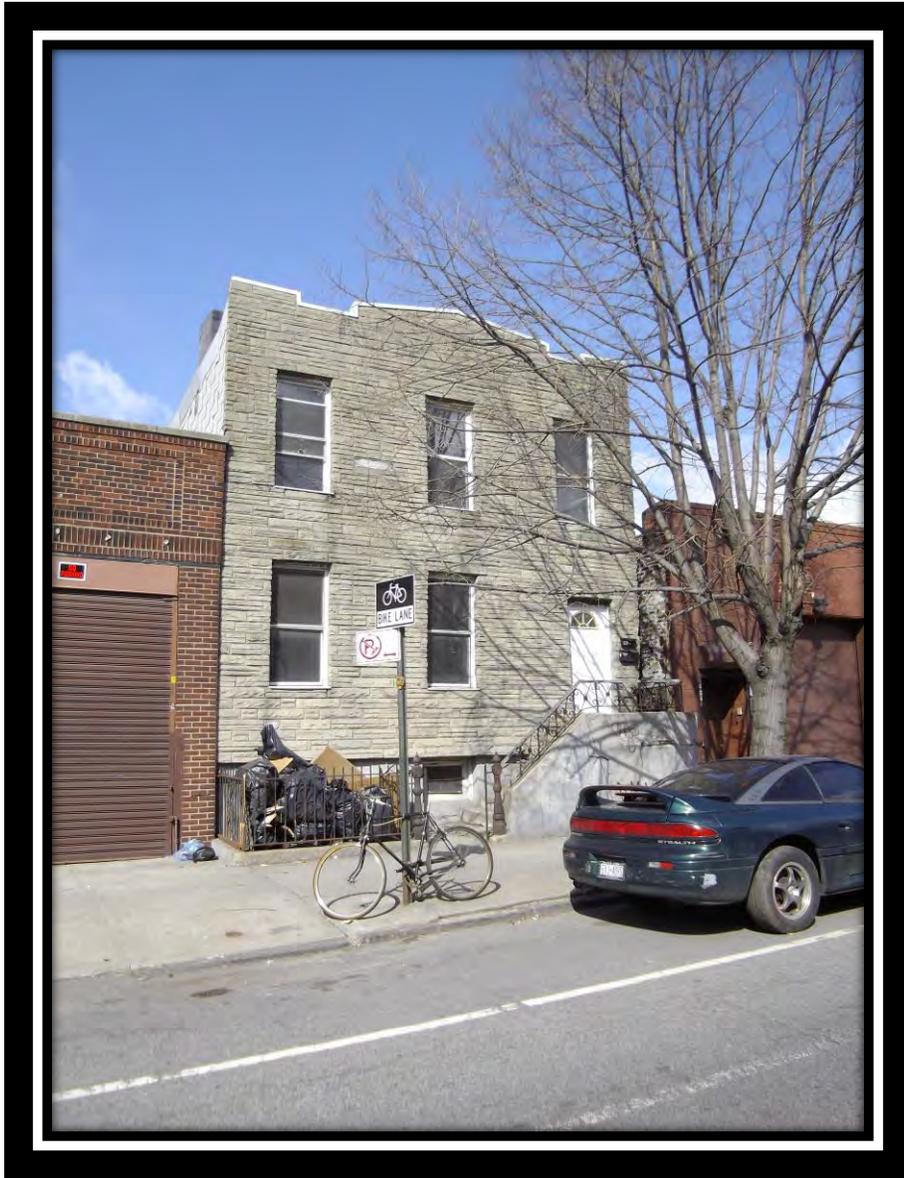
PREPARED FOR:

**MR. CHRIS CIELEPAK
415 MANHATTAN AVENUE REALTY INC.
6065 69th LANE
MASPETH, NEW YORK 11379**

PREPARED BY:

**LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NEW YORK**

**APRIL 15, 2013
LEA PROJECT # 12-409**



415 Manhattan Avenue, Brooklyn, New York

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
ENVIRONMENTAL CERTIFICATION

LEA Project ID #: 12-409

Report: Phase I Environmental Site Assessment, ASTM E1527-05

Inspection Date: April 7, 2013

Resource Date: February 2013

Report Date: April 15, 2013

Site: 415 Manhattan Avenue, Brooklyn, New York 11222
Located on the west side of Manhattan Avenue; north of the Brooklyn
Queens Expressway and south of Bayard Street.

Weather Conditions: 35°F; Sunny

Inspection Limitations: None

Client: Chris Cielepak, 415 Manhattan Ave Realty Inc.

Report Prepared By:


Thomas H. Johansen
Environmental Scientist


Carla M. Sullivan, QA/QC
VP, Senior Geologist

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



EXECUTIVE SUMMARY AND FINDINGS

On-site:

1. The Subject Property maintains one (1) two-story walk-up three-family residential dwelling. The building has a footprint of approximately 800 square feet and is situated on a parcel approximately 2,500 square feet in area. The building was constructed circa 1887 for residential purposes and fronts along Manhattan Avenue. The site is relatively flat, covered with the building, a mostly unpaved rear yard, concrete sidewalks and a side fire egress. The Subject Property is located in a residential and commercial area of the Williamsburg Section of Brooklyn, New York.
2. The Building maintains a basement, first, and second floors all utilized for apartment space. During *LEA's* site inspection the building was vacant and undergoing cosmetic changes-painting and sheet rock repair. The basement maintains a kitchen, bathroom, storage closets, and a bedroom. The utility meters and natural gas fired burners are also located in the basement. The first and second floors were observed to maintain a kitchen, multiple bedrooms and storage closets along with bathrooms. There is a large open back yard with two small concrete-paved areas located along the back of the building and the rear property boundary.
3. Due to the age of the building, lead-based paint may be present within the Subject Building. The majority of the painted surfaces were being re-painted during *LEA's* inspection and were observed to be in excellent condition. A lead based survey should be conducted prior to demolition or renovations.
4. No friable or non-friable suspect asbestos containing materials were noted during the inspection other than roofing materials. However, due to proposed demolition, an asbestos survey must be conducted prior to demolition.
5. No fill ports and/or vent pipes, which indicate the presence of underground storage tanks (USTs) or aboveground storage tanks (ASTs), were noted at the Subject Property at the time of the site inspection. Based upon our site reconnaissance, interviews, and review of state and local records, *LEA* identified no evidence of existing USTs or ASTs at the Subject Property. Based upon the age of the building, heat was most likely supplied by coal prior to conversion to either an oil-fired system or natural gas.
6. This site is listed twice as an E-Designated site: E-138 - Hazmat for underground gasoline storage tanks testing protocol and E-138 - Noise for air quality operable window limitations. Both E-Designation listings were issued on May 11, 2005.

Off-site:

1. There is one NPL listed site located within a one-mile radius of the Subject Property. Newtown Creek, ID# NYN000206282, is located 4,730 feet hydraulically down-gradient. Remediation is underway but not yet complete. Due to the hydraulic location relative to the Subject Property this site should not present a recognized environmental condition.
2. There is one CERCLIS listed site located within a ½-mile radius of the Subject Property. City Barrel, ID# NYD068298835, located 198 feet hydraulically side-gradient, is listed as having no further remedial action planned. Due to the hydraulic location and status of this facility, it should not present a recognized environmental condition to the Subject Property.
3. There are eighteen (18) listed IHWD sites within a one-mile radius of the Subject Property, all of which

are located hydraulically side and/or down-gradient and should not present recognized environmental condition to the Subject Property.

4. There is one listed HSWD site located within a one-mile radius of the Subject Property. City Barrel, Registry ID# N, located 188 feet hydraulically side-gradient, has an unknown remedial status. Based upon the hydraulic location this facility, relative to the Subject Property, it should not present a recognized environmental condition.
5. There are eight active NYSDEC listed spills and six active NYSDEC listed leaking USTs located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.
6. There is one site located within a ¼-mile of the Subject Property listed as an Air Discharge Site. Elli Woodworking Industries, ID# 36047P0003, located 595 feet north of the Subject Site, is listed as releasing sip source VOCs. The facility is in operation and with active violations regarding both emissions and procedural compliance. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.
7. There is one property located within a ½-mile radius listed as a Civil & Administrative Enforcement Docket sites. NYC BD of ED-Junior High School, ID #NY0000379990 is in violation of asbestos. This case was concluded in 1999 and should not present a recognized environmental condition at the Subject Property.

Based on the findings of this investigation, **Laurel Environmental Associates, Ltd. (LEA)** has discovered the following recognized environmental conditions at the Subject Property, 415 Manhattan Avenue, Brooklyn, New York 11222.

Recognized Environmental Conditions

- E-Designation
- Potential former USTs
- Possible Asbestos Containing Materials
- Lead based paints

Potential Impacts

- High Risk
- Low Risk
- Low Risk
- Low Risk

EXECUTIVE RECOMMENDATIONS

Based on the above conclusions *LEA* recommends the following:

1. Conduct a Geophysical Survey to check for possible USTs or other anomalies at the site.
2. Utilizing a 420M Limited access Geoprobe conduct at least five soil borings within the property boundary to determine the soil conditions.
3. Utilizing a 420M Geoprobe collect groundwater from three locations to determine groundwater quality and flow direction.
4. Conduct a soil vapor survey, with two subslab, one indoor and one outdoor air samples to determine the soil vapor and air quality on-site.
5. An asbestos survey must be conducted prior to demolition.
6. Submit all samples to a NYS Certified laboratory.
7. Review results and write a report with remedial objectives clearly outlined.
8. Submit data and report the NYC OER offices for review.

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REPORT SPECIFICATIONS

This report contains (57) pages of text.

Copies and circulation of this report are as follows:

- (3) Two bound copies and one electronic copy to Chris Cielepak
- (1) One copy in the confidential client file at *Laurel Environmental Associates, Ltd.*

This report is prepared for the exclusive use of the principal(s) noted above and is considered private and confidential. *LEA* shall not release this report or any of the findings of this report to any person or agency except with the authorization of the named principal(s).

The accuracy of the findings obtained through this environmental audit was considered to be of paramount importance during the formulation of this report. However, the accuracy of this report is limited to the information available from interviews, records, and plans released by the property owner or his representatives, and the respective regulatory agencies; their attorneys and information officers, whose interest in issues presented herein is unknown to *LEA*.

1.0 INTRODUCTION

Laurel Environmental Associates, Ltd. was retained by Chris Cielepak to conduct a Phase I Environmental Site Assessment (ESA) of the residential property located at 415 Manhattan Avenue, Brooklyn, New York 11222 (please see Figure 1.0, Site Location).

The purpose of this Phase I ESA is to determine if any recognized environmental conditions exist within the property in question. Recognized Environmental Conditions (RECs) would include, but not be limited to: hazardous/toxic wastes or raw chemicals stored, dumped, or spilled on the site; underground storage of hazardous materials; friable asbestos in building materials/structures; and identification of potential off-site sources of hazardous waste contamination, such as industrial facilities adjoining the Subject Site.

The conclusions of this Phase I ESA are based on findings at the time of *LEA's* site visit and review of readily ascertainable historical records, regulatory documents, and databases made available within a reasonable time period. Due to limited availability, *LEA* is not able to make any determinations with respect to portions of the Subject Property and structures which were not inspected or regulatory documents not provided within a timely fashion.

1.1 ASTM STANDARD PRACTICE E-1527-05

1.1.1 Purpose

The purpose of the American Society for Testing and Material (ASTM) Standard Practice for Environmental Site Assessments, E-1527-05, as well as Practice E-1528-06, is to define good commercial and customary practice in the United States of America for conducting an *ESA* of a parcel of *commercial real estate* with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and *petroleum products*. As such, this practice is intended to permit a *user* to satisfy one of the requirements to qualify for the *innocent landowner defense* to CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 USC § 9601(35)(B). An evaluation of *business environmental risk* associated with a parcel of commercial real estate may necessitate investigation beyond that identified in this practice.

1.1.2 Definition of Recognized Environmental Conditions

In defining a standard of good commercial and customary practice for conducting an *environmental site assessment* of a parcel of *property*, the goal of the processes established by this practice is to identify *recognized environmental conditions*. The term *recognized environmental conditions* means the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, groundwater, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.

It is not generally within the scope of this report to perform intrusive or aggressive testing of suspect materials observed at the site. Materials will be identified as environmentally suspect; however, a representative sampling procedure is required to fully assess the occurrence of the following materials: electrical devices containing Poly-Chlorinated Biphenyls (PCBs); the presence of radon gas; lead-based paint; asbestos containing materials; and mold.

1.2 SCOPE OF WORK

To complete the Environmental Site Assessment, the following tasks were performed in conformance with American Society for Testing and Material (ASTM) Standard Practice for Environmental Site Assessments, E-1527-05:

1. A detailed walk-through inspection of the Subject Property or representative areas of the property.
2. An interview with the owner and facility manager concerning past and/or present operations conducted at the Subject Property.
3. Comparison of fair market value and listed sale price is not applicable as the Property is not for sale.
4. An environmental lien search was not provided by the client.
5. The presence of suspect asbestos containing materials (ACM) was noted.
6. The presence of suspect lead-based paints was noted.
7. A review of New York City building department, fire marshal, and/or tax assessor's office records to identify past owners, possible uses of the property, and construction details.
8. A review of state and federal regulatory agency documents concerning the location of known hazardous waste sites within proximity of the Subject Property.
9. A review of files/documents maintained by state and local regulatory agencies to investigate potential environmental hazards associated with the Subject Property when such information exists.
10. Major sources of electromagnetic fields were identified.
11. Identification of surrounding property use.
12. A review of City Directories.
13. Sanborn Fire Insurance Maps review from 1887 to 2007.
14. A review of historical aerial photographs from 1984 to 1994.
15. A review of historical topographical maps from 1900 and 1967.
16. An identification of data failure and gaps.
17. Approximate the depth to groundwater and direction of regional groundwater flow beneath the Subject Property.
18. List recommendations for further study, as required (added to standard ASTM scope of work).

Findings, conclusions, and recommendations presented in Sections 8.0 through 10.0 (pages 41 through 45), are based on the careful consideration of the results of the above research. Any recommendations made are formulated with respect to maintaining or protecting the collateral value of the property and providing protection from toxic tort lawsuits.

Business environmental risk can have a material or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate. It is not necessarily limited to those environmental issues required to be investigated in the ASTM Standard Practice for Environmental Site Assessments, E-1527-05. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified on the following page.

There may be environmental issues or conditions at the Subject Property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice. As noted by the legal analysis in Appendix X1 of the ASTM Standard Practice for Environmental Site Assessments, E-1527-05, some substances may be present on a property but are not included in CERCLA's definition of hazardous substances (42 USC § 9601(14)) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this report. The following listed concerns are several non-scope considerations that entities may want to assess in connection with commercial real estate. No implication is intended as to the relative importance of inquiry into such non-scope considerations and this list of non-scope considerations is not intended to be all-inclusive, but can be completed upon request.

- 1) Lead in Drinking Water
- 2) Regulatory Compliance
- 3) Cultural and Historical Resources
- 4) Industrial Hygiene
- 5) Health and Safety
- 6) Ecological Resources
- 7) Endangered Species
- 8) Indoor Air Quality, and
- 9) Mold Sampling of Air and Surfaces

1.3 CONFLICT CERTIFICATION

Laurel Environmental Associates, Ltd. has no present or contemplated future ownership interest or financial interest in the real estate that is the subject of this Environmental Assessment Report. *LEA* has no personal interest with respect to the subject matter of the Environmental Site Assessment or the parties involved, and *LEA* has no relationship with the property or the owners thereof which would prevent an independent and unbiased analysis of the environmental or other conditions of the property.

1.4 VIABILITY OF PHASE I ESA

An updated Phase I ESA should be performed if it appears that the property transaction will not close by the Phase I ESA Report Viability Date. Pursuant to Section 4.6 of ASTM E1527-05, Phase I ESAs are considered viable for 180 days. In calculating the Report Viability Date, *LEA* used the date that was the earliest of the following four tasks: the interview of those present owners identified in Section 10 of ASTM E1527-05, the government record review, and the visual inspection of the Subject Property and adjoining properties.

1.5 SIGNIFICANT ASSUMPTIONS

Information regarding the Subject Property was reasonably ascertainable and therefore, no significant assumptions have been made, unless otherwise noted in a specific section of this report.

1.6 USER RELIANCE

This report was prepared solely for the use of the client, Chris Cielepak, and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold **LEA** harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

1.7 DATA GAPS

Any data gaps identified herein, as defined by ASTM Practice E 1527-05 § 3.2.20, are not considered to have significantly affected the ability to identify recognized environmental conditions in connection with the Subject Property and do not alter the conclusions of this report.

1.8 LIMITATIONS

To the best of **LEA's** knowledge, the information contained in this report is true and accurate. Due diligence has been exercised by **LEA** personnel in the compilation of the information contained herein, appropriate to environmental professionals engaged in investigations of this sort. **LEA** makes no guarantees regarding the accuracy of information gained from other sources.

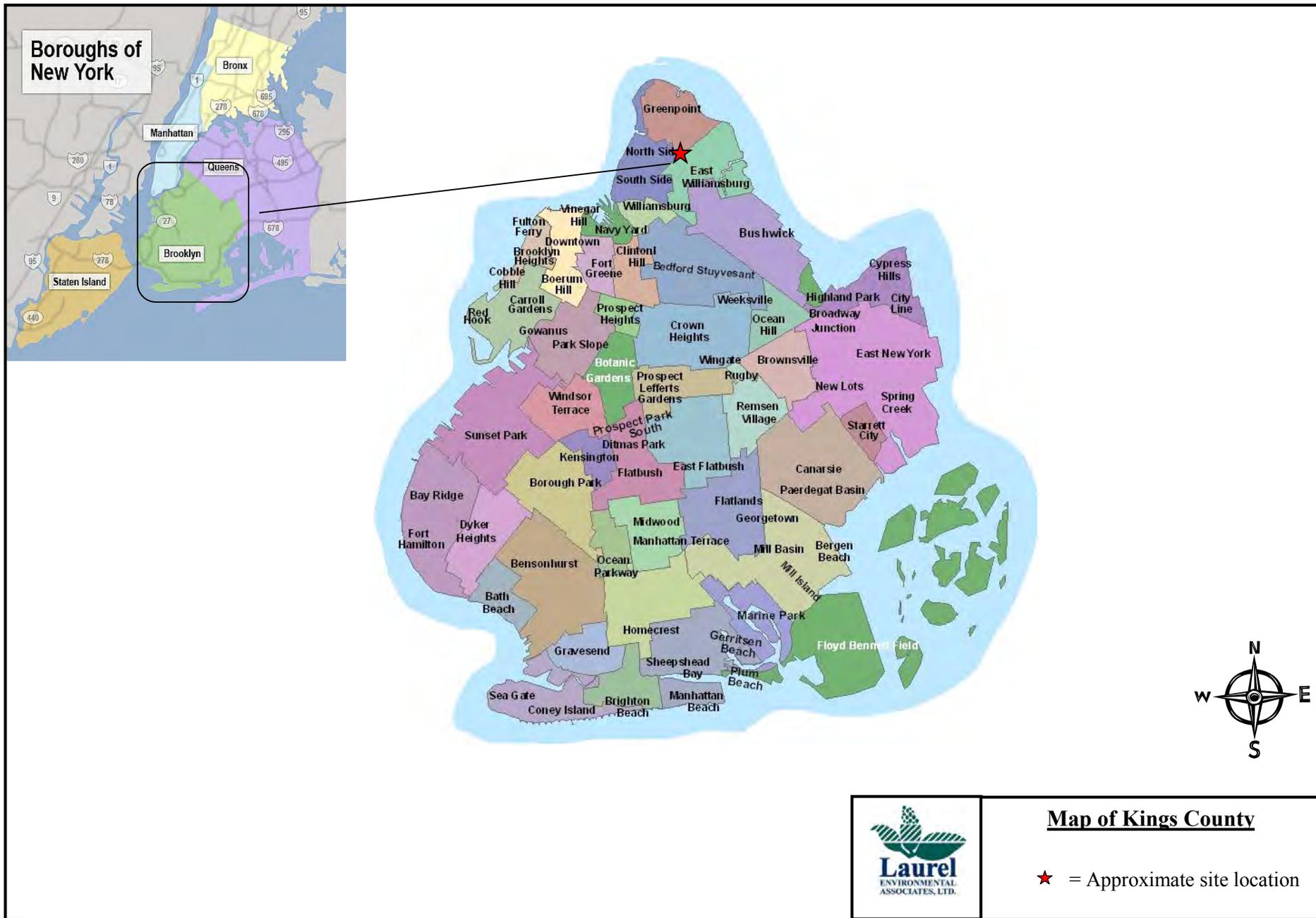
The Subject Property location and boundaries as understood by **LEA** are depicted in the maps appended to this report. It is the responsibility of the reader to verify that the location and boundaries depicted herein are correct.

1.9 SITE DETAILS AND INSPECTION OVERVIEW

Site Details and Inspection Overview [†]		
Site Address	415 Manhattan Avenue, Brooklyn, New York 11222	
Cross Streets	Richardson Street and Bayard Street	
Site Owner	Guidice, Tenants In	
Site Occupant	Vacant	
Tax Lot	Block: 2723 Lot: 30	
Municipality	Williamsburg Section of Kings County	
Zoning	Mixed-Use	
USGS Quadrangle	Brooklyn	
Physical Location	Latitude 40° 43' 08.28" North Longitude 73° 56' 49.62" West	
NAICS Code Usage	531110 – Multi-Family Residential	
Land Size	Approximately 2,500 square feet	
Building Footprint	Approximately 800 square feet	
Site Elevation	14 feet	
Site Topography	Unremarkable	
Date of Construction	Circa 1887	
Current Heating System	Natural Gas-Fired Burners	
Utilities	Electric	Consolidated Edison
	Natural Gas	Consolidated Edison
	Water	City of New York
	Sanitary System	Municipal
Chemical Storage*	Absent	
Drum Storage	Absent	
Petroleum Storage Tanks	Absent	
Suspect Asbestos	Absent	
Water Damage/Mold Growth	Absent	

[†]Based on areas available for inspection, not all areas may have been accessible.

*Other than typical housekeeping and/or janitorial supplies.



2.0 SITE DESCRIPTION

Thomas H. Johansen, a *LEA* Geologist and Site Inspector completed the inspection of the Subject Property on April 7, 2013. The inspection was conducted with Karen (a representative of the property owner). The property was walked through and any indication of an environmental hazard was noted. Operations conducted at the Subject Property were observed, photographs were taken of the Subject Property, associated structures, and adjoining properties. Please refer to Appendix A of this report.

2.1 BUILDING AND PROPERTY INSPECTION

The Subject Property maintains one (1) two-story walk up three family residential dwelling with a footprint of approximately 800 square feet situated on a parcel approximately 2,500 square feet in area. The building was constructed circa 1887 for residential purposes and fronts along Manhattan Avenue. The site is relatively flat, covered with the building, a partially paved rear yard, concrete sidewalks and a side fire egress. The Subject Property is located in a residential and commercial area of the Williamsburg Section of Brooklyn, New York.

The Building maintains a basement, first, and second floors all utilized for apartment space. During *LEA's* site inspection the building was vacant and undergoing cosmetic changes, limited to painting and sheetrock repair. The basement maintains a kitchen, bathroom, storage closets, and a bedroom. The utility meters and natural gas fired burners are also located in the basement. The first and second floors were observed to maintain kitchens, multiple bedrooms and storage closets along with bathrooms. There is a large open back yard with two small concrete-paved areas located along the back of the building and the rear property boundary.

The building is serviced with public water from the City of New York and with electricity and natural gas from Consolidated Edison. The Subject Building is heated by three natural gas fired burners located in the basement.

2.2 GENERAL HOUSEKEEPING PRACTICES

Housekeeping was noted to be fair throughout the building and grounds-typical of a vacant building undergoing minor renovations.

2.3 VEGETATION

The Subject Property maintains a grass yard located on the west side of the Subject Property, observed to be relatively healthy with no signs of obvious distress.

2.4 CLASS V INJECTION WELLS

Class V injection wells are used to inject non-hazardous fluids underground. Most Class V wells are used to dispose of wastes into or above underground sources of drinking water and can pose a threat to groundwater quality, if not managed properly. Most Class V wells are shallow disposal systems that depend on gravity to drain fluids directly into the ground. There are over 20 well sub-types that fall into the Class V category and these wells are used by individuals and businesses to inject a variety of non-hazardous fluids underground. The United States Environmental Protection Agency (USEPA) estimates that there are more than 650,000 Class V wells in operation nationwide. Most of these Class V wells are unsophisticated shallow disposal systems that include storm water drainage wells, cesspools, and septic system leach fields. However, the Class V well category also includes more complex wells that are typically deeper and are often used at commercial and/or industrial facilities.

Other more sophisticated Class V well types could include aquifer storage and recovery wells or geothermal electric power wells - that are used to inject geothermal fluids extracted from subsurface hydrothermal systems. Complex Class V wells also include wells that are used for pilot Geologic Sequestration (GS) projects that are experimental in nature. On December 10, 2010, the USEPA finalized regulations for GS projects. These new regulations include the creation of a new class of wells, Class VI. The USEPA understands that some of the wells permitted as Class V experimental technology wells may no longer be used for experimental purposes. Following the final rule, Class V wells that are not being used for experimental purposes must be re-permitted as Class VI wells and will be subject to Class VI requirements.

Class V wells are a concern because they pose a risk to underground sources of drinking water. Because of this they are regulated by the Underground Injection Control (UIC) program under the Authority of the Safe Drinking Water Act.

2.4.1 Septic Systems

Sanitary waste has been handled by public sewer since construction of the Subject Building circa 1887. Based on the historical usage as a residence, any discharge into a possible on-site sanitary system does not pose a significant environmental condition.

2.4.2 Storm Water Drainage

Storm water and roof run-off is handled by natural drainage and runoff to Manhattan Avenue.

2.4.3 Floor Drains

No floor drains were noted in the Subject Building during the on-site inspection.

2.5 CURRENT SITE OPERATIONS

The Subject Property was recently vacated and undergoing renovations.

2.6 PAST SITE OPERATIONS

The Subject Property has been used for residential purposes since construction circa 1887.

2.7 CHEMICAL USE AND STORAGE

No chemical storage was noted within the Subject Building or on the grounds during the on-site inspection. Former chemical storage is assumed to have been limited to typical housekeeping supplies.

2.7.1 Biohazardous Waste

No biohazardous waste is generated or stored at the Subject Property.

2.8 DRUM STORAGE

No drum storage was noted during the site inspection.

2.9 UNDERGROUND AND ABOVEGROUND STORAGE TANKS

The Subject Property was inspected for tank fill ports, vent pipes, and other signs of aboveground storage tanks (ASTs) and/or underground storage tanks (USTs). No fill ports and/or vent pipes, which indicate the presence of USTs or ASTs, were noted at the Subject Property at the time of the site inspection. Based upon our site reconnaissance, interviews, and review of state and local records, *LEA* identified no evidence of existing USTs or ASTs at the Subject Property. Based upon the age of the building, heat was most likely supplied by coal prior to conversion to either an oil-fired system or natural gas.

2.9.1 Emergency Generators

No emergency generators and associated tanks were observed during our site reconnaissance.

2.10 PCBs IN ELECTRICAL TRANSFORMERS AND FLUORESCENT LIGHTING BALLASTS

There are three types of transformers defined in the Poly-Chlorinated Biphenyls (PCBs) regulations:

- ◆ PCB Transformer: Any transformer containing 500 parts per million (ppm) PCBs or greater.
- ◆ Non-PCB Transformer: Any transformer containing less than 50 ppm PCBs.
- ◆ PCB Contaminated Transformer: Any transformer containing 50-499 ppm PCBs. These transformers are not subject to parts of the regulations, such as marking requirements, and if drained of liquid, to disposal requirements. Any liquid drained from these transformers must be stored and disposed of in accordance with the regulations.

Transformers often contain dielectric liquid for the primary purpose of increasing resistance of the unit to arcing and acting as a heat transfer media, helping to cool the coils. The majority of transformers are filled with mineral oil, but a small percentage of these liquid-filled transformers contain PCB Askarel coolant liquid. The term “Askarel” is a generic term used for a group of nonflammable synthetic chlorinated hydrocarbons. All types of Askarels sold prior to 1979 contained 60 to 100 percent PCBs. Askarel transformers were manufactured in a variety of sizes, i.e. 3 to 3,000 gallons of PCB liquid, and are generally used in hazardous locations where flammability is of concern. PCB transformers are no longer produced because of the USEPA ban on the manufacture of new equipment containing PCBs.

Prior to the banning of PCB manufacturing in 1976, the compounds were used in small amounts during the production of fluorescent light ballasts. According to USEPA regulations, light ballasts containing less than three pounds of PCBs are exempt from special hazardous waste transportation and disposal and may be disposed of as municipal wastes; however, removal is not required by law. To determine if the light ballasts contain PCBs, the light fixtures would have to be dismantled, the make and model number obtained, and the manufacturer contacted. If the lighting is to remain, maintenance personnel should be advised of the possibility that the ballasts may contain PCBs. Workers should exercise caution when handling the ballasts, taking care not to cause leaks. Protective gloves and clothing should be worn when handling ballasts.

There are no pad or pole-mounted transformers located at the Subject Property. The building is illuminated with fluorescent and incandescent lighting. Light ballasts may contain PCBs given the buildings age.

2.11 FRIABLE AND NON-FRIABLE SUSPECT ASBESTOS CONTAINING MATERIALS

The USEPA designated material containing more than 1% asbestos to be considered as an Asbestos Containing Material (ACM). Where asbestos containing material is determined to be “Friable” (capable of being crushed by hand pressure and having a high potential to release airborne fibers), it is the recommendation of the USEPA that strong response action be taken. Such actions may take the form of removal, encapsulating, repair, enclosure, or an operations and maintenance program. The response action is determined depending on the severity and nature of the individual problem.

No friable or non-friable suspect asbestos containing materials were noted during the inspection other than roofing materials. However, due to proposed demolition of the building, an asbestos survey should be conducted and must be conducted prior to demolition.

A full asbestos inspection was not completed, as it is beyond the scope of this report.

2.12 SUSPECT LEAD-BASED PAINT

Use of lead in household paint was banned by the USEPA effective January 1, 1978. The USEPA and the U.S. Department of Housing and Urban Development (HUD) consider lead-based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm²) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

Due to the age of the building, lead-based paint may be present within the Subject Building. The majority of the painted surfaces were being re-painted during *LEA's* inspection and were observed to be in excellent condition. A lead based survey should be conducted prior to demolition or renovations.

A full lead-based paint inspection was not completed, as it is beyond the scope of this report. Based on *LEA's* limited observations, no suspect lead-based paint surfaces were considered to be peeling or chipping at the time of the site inspection. Caution is recommended if renovations and/or remodeling of this facility are to take place. Worker safety should be considered during any future site renovations and/or demolition.

2.13 WATER DAMAGE AND MOLD GROWTH

Humidity or wetness, caused by water leaks, spills from plumbing failures, or condensation, can cause mold growth on interior and exterior surfaces; including but not limited to walls, ceilings, carpets, or furniture. Mold is a living organism that produces mold spores through reproduction. These spores are tiny particles that drift through the air until finding wet, humid areas in which they thrive. Although mold does not affect everyone it can cause health problems when inhaled. Mold can trigger asthma attacks, and some produce toxins that may be hazardous if people are exposed to large quantities of these molds. Mold spores and related *mycotoxins* can also pose a serious health threat to individuals who have compromised immune systems.

A full mold inspection was not requested or completed as part of this assessment, as it is beyond the scope of this report. Based on *LEA's* limited observations, there was no visible evidence of mold and/or mold related odors at the time of the site inspection. It should be noted that mold may be present in hidden areas not observed during *LEA's* site reconnaissance. Of particular concern would be areas that experience water damage and areas of high humidity. Caution should be taken following any future water release within the Subject Building. Water leaks and water damage should be addressed immediately to help prevent the formation of mold spores. Visual evidence of mold should be addressed immediately by professional remediation contractors hired to address such issues.

2.14 WETLANDS AND NYSDEC ECOLOGICAL ZONE

For regulatory purposes under the Clean Water Act, the term wetlands means "those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include streams, swamps, marshes, bogs, and similar areas". The New York State Official Tidal Wetlands Inventory is maintained by the New York State Department of Environmental Conservation (NYSDEC) Bureau of Marine Resources in the Tidal Wetlands Inventory and Geographic Information System (GIS) Unit. The statutory definition of a tidal wetland can be found in New York's Environmental Conservation Law, Article 25, entitled "Tidal Wetlands Act."

According to maps provided by the NYSDEC, the Subject Property does not reside within a fresh water or tidal wetlands area. An inspection of the Subject Property by **LEA** did not observe the presence of wetlands within its boundaries. There are no documented wetlands located within a ¼-mile radius of the Subject Property.



ZONE I - COASTAL LOWLANDS

Geology	This zone is a terminal moraine of the great ice sheet. Topographic relief is low.
Elevation	Ranges from sea level to 200 feet
Soils	The soils are glacial outwash and deltaic sands medium to moderately coarse-textured on gravel and recent alluvium. The soils tend to be strongly acid and are of low fertility.
Vegetation	All of the Coastal Lowlands are included in the oak natural vegetation zone. Much of the forest is scrubby due to the poor soils. Oak is the principal hardwood tree, while pitch pine is the principal conifer.
Land Use	This zone continues to experience a rapid expansion of urban and suburban development.

This Data Set shows boundaries of the Ecological Regions (Ecozones) of New York State and has been modified by **LEA**.

2.15 RADON

Radon is a heavy, colorless, odorless, radioactive gas formed by the radioactive decay of radium. Radon is associated with specific geologic formations that contain granite, uranium minerals, certain shales, and phosphate related minerals. Radon, being a gas, can migrate to and accumulate in confined spaces such as building basements. Continued exposure to radon gas has been associated with increased lung cancer risk and possible genetic damage.

The USEPA has set a maximum action level of 4 picocuries per liter (pCi/l) in air. At concentrations above this level, the USEPA recommends remedial measures to lower the concentrations.

According to monitoring data completed by the NYS Department of Health, Bureau of Radiation Protection, the Kings County has an average indoor radon concentration of 0.6 pCi/l. Given this information, radon is not considered a significant environmental concern within the Subject Building.

2.16 ELECTROMAGNETIC FIELDS

Although there are currently no regulations concerning the proximity of residential structures to major sources of electromagnetic fields (EMFs) such as overhead high tension wires, high levels of EMFs are an unresolved public health issue. Some recent studies have linked the presence of elevated EMFs to an increased risk of certain cancers and other illnesses. Although studies are ongoing and no definitive conclusions have been reached, the existing evidence indicates that potential health risks may exist for individuals who are exposed to these fields. In any case, the general perception of a risk associated with major sources of EMFs can reduce the marketability and value of real estate.

No high tension wires or substations were noted on or adjacent to the Subject Property.

2.17 NEIGHBORING PROPERTIES

The properties surrounding the Subject Site are residential and commercial in nature. Property usage directly adjoining or nearby is as follows:

<u><i>North of the Subject Site:</i></u>	<u><i>Current Usage</i></u>	<u><i>Past Usage</i></u>
• Nondescript mixed-use, adjoining	Mixed use	Mixed use
• Dwelling	Residential	Residential
<u><i>South of the Subject Site:</i></u>		
• Dwelling, adjoining	Residential	Residential
<u><i>East of the Subject Site:</i></u>		
• Manhattan Avenue, adjoining	Roadway	Roadway
• Tony's Auto Body	Commercial	Commercial
<u><i>West of the Subject Site:</i></u>		
• Dwellings	Residential	Residential
• Kalmon Dolgin, adjoining	Real Estate Office	Commerical

Due to the mixed nature the surrounding properties, they may have the potential to present a recognized environmental condition at the Subject Property. None of the adjoining properties are currently listed on the NYSDEC or the USEPA databases.

3.0 CLIENT PROVIDED DOCUMENTS

The following section summarizes information provided by the client, Chris Cielepak, with regard to this Phase I ESA. *LEA* staff completed the Questionnaire pertaining to the site inspection, which can be found in Appendix H of this report. The Questionnaire is intended to assist in gathering information that may be pertinent to identifying recognized environmental conditions relating to the Subject Property.

3.1 TITLE RECORDS

Land title records provide information on previous ownership of a property. Typically, deeds signifying transfer of a land parcel are recorded in county files and can be researched to determine the identity of past owners. A “Chain of Title” is a continuous record of ownership for a specific parcel. Title record information associated with the Subject Property has not been provided to *LEA* by Chris Cielepak, and is beyond the scope of this report.

3.2 ENVIRONMENTAL LIENS, ACTIVITY, AND USE LIMITATIONS

Chris Cielepak has provided no information regarding environmental liens, activity, or use limitations in connection with the Subject Property.

3.3 SPECIALIZED KNOWLEDGE

Chris Cielepak has provided no specialized knowledge that pertains to recognized environmental conditions in connection with the Subject Property. *LEA* was not provided with or made aware of previous environmental assessments or other documentation that is material to recognized environmental conditions in connection with the Subject Property, except as present.

3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Chris Cielepak has provided *LEA* with no commonly known or reasonably ascertainable information within the local community about the environmental integrity of the Subject Property.

3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Chris Cielepak has provided no information to *LEA* regarding valuation reduction for environmental issues in connection with the Subject Property.

3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

Chris Cielepak provided *LEA* with contact information for access to the Subject Property. The site inspection was conducted assisted by Karen, a representative of the property owner.

3.7 REASON FOR PERFORMING THIS PHASE I ESA

Chris Cielepak retained *LEA* to complete this Phase I Environmental Site Assessment in connection with a real estate transaction.

4.0 REVIEW OF REGULATORY AGENCY RECORDS AND DOCUMENTS

To determine if the Subject Property was listed, known, or suspected of being a hazardous waste site, federal and state databases were reviewed. In addition, a Freedom of Information Letter (FOIL) was sent to the New York City Department of Environmental Protection (NYCDEP) requesting a review of any records that may have been maintained by the agencies concerning the Subject Property.

The records search was conducted by Toxics Targeting, Inc. meeting the specific requirements of ASTM Standard Practice for Environmental Site Assessments, E-1527-05, including those associated with governmental databases, search distances, and data currency.

4.1 USEPA NATIONAL PRIORITY LIST AND CERCLA SITES

4.1.1 USEPA NPL Superfund Sites

The USEPA maintains a database of unmanaged and/or forsaken hazardous waste sites. The database is known as the National Priority List (NPL). Sites included in this list are given priority by the USEPA for remedial action under the Federal Superfund Program. A particular site will be included on the NPL if it equals or exceeds an established "hazard classification system" score, or if it was designated as a top environmental priority site, in a particular State. A site is classified as an NPL site if all of the following criteria are satisfied:

1. The U.S. Department of Health & Human Services issues a health advisory recommending that people be evacuated from the site to avoid exposure.
2. The USEPA determines that the site was a potentially significant environmental hazard.
3. The USEPA determines that site remediation was more cost-effective than removal.

There is one NPL listed site located within a one-mile radius of the Subject Property. Newtown Creek, ID# NYN000206282, is located 4,730 feet hydraulically down-gradient. Remediation is underway but not yet complete. Due to the hydraulic location relative to the Subject Property this site should not present a recognized environmental condition.

4.1.2 USEPA CERCLA Sites

The USEPA Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 was designed to allow the federal government to directly address any potential release of hazardous waste that may endanger public health or welfare; in order to "provide for liability, compensation, clean-up, and emergency response for hazardous substances released into the environment and clean-up of inactive hazardous waste disposal sites".

Examination of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database indicates that the Subject Site is not listed in the CERCLIS database. There is one CERCLIS listed site located within a ½-mile radius of the Subject Property. City Barrel, ID# NYD068298835, located 198 feet hydraulically side-gradient, is listed as having no further remedial action planned. Due to the hydraulic location and status of this facility, it should not present a recognized environmental condition to the Subject Property.

4.2 NYSDEC INACTIVE HAZARDOUS WASTE DISPOSAL SITES

The NYSDEC publishes a quarterly and annual report entitled "Inactive Hazardous Waste Disposal Sites in New York State" (IHWD), 2011, which lists all properties that have been found to contain, or are suspected of containing, significant amounts of hazardous or toxic contamination in one form or another.

The Subject Property is not listed as an IHWD site. There are eighteen (18) listed IHWD sites within a one-mile radius of the Subject Property, all of which are located hydraulically side and/or down-gradient and should not present recognized environmental condition to the Subject Property.

4.3 NYSDEC HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES

The NYSDEC Hazardous Substance Waste Disposal Sites (HSWD) database was reviewed to determine if the Subject Property or any site located within a one-mile radius of the Subject Property is listed as a HSWD Site. This database lists properties that are currently under study by the NYSDEC Division of Hazardous Waste Remediation, for inclusion into the IHWD program, as described in section 4.2.

The Subject Property is not listed as a HSWD site. There is one listed HSWD site located within a one-mile radius of the Subject Property. City Barrel, Registry ID# N, located 188 feet hydraulically side-gradient, has an unknown remedial status. Based upon the hydraulic location this facility, relative to the Subject Property, it should not present a recognized environmental condition.

4.4 NYS BROWNFIELDS SITES

The New York State (NYS) Brownfields Program was developed for sites that are abandoned, idle, or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. Programs included in the 2011 Brownfields Cleanup Program (BCP) are the Voluntary Cleanup Program (VCP) and the Environmental Restoration Program (ERP).

After a thorough investigation, it was determined that neither the Subject Property nor any property within a one-mile radius is listed as a Brownfields site.

4.5 NYS LANDFILLS AND SOLID WASTE FACILITIES

The database of NYS Landfills and Solid Waste facilities identified no such sites located within a ½-mile radius of the Subject Property.

4.6 NYSDEC SPILL AND LEAKING UST FILE

The NYSDEC Spill File was investigated for records of spills and leaking USTs located within a ½-mile radius of the Subject Property. A summary is presented in the table below:

NYSDEC Active Spills and Leaking USTs
Brooklyn, New York, within a ½-mile radius of the Subject Property

NYSDEC Spill #	Spill Type	Spill Name	Spill Location	Distance (feet)/ Direction from Site*
9703488	Leaking UST/spill to soil	Engine Co. 229 FDNY-DDC	76 Richardson Street	558/side
9007766	Leaking UST/spill to soil	Mobil S/S #17-FX9	550 Humboldt Street	996/side
1011266	Leaking UST/spill to soil	Sunoco Service Station	550 Humboldt Street	996/side
1205075	Spill to soil	John Huley	498 Leonard Street	1,245/down
0750535	Leak to soil	N 11 th Street Sidewalk	204-214 North 11 th Street	1,810/side
8908110	Spill to soil	Mobil	51 Kingsland Avenue	1,825/side
0703695	Spill to soil	Commercial Property	454 Driggs Avenue	1,930/down
0503901	Spill to soil	Property	55 Roebing Street	2,084/side
0330060	Spill to soil	Wolf Petroleum Corp	2 Bushwick Avenue	2,099/side
0208256	Spill to soil	99 Cent Store (Dollar Up Store)	640 Manhattan Avenue	2,164/down
0611495	Spill to soil	169-175 North 10 th Street	169-175 North 10 th Street	2,222/side
9502757	Leaking UST/spill to soil	Hess-Merit Station 32522	810 Metropolitan Avenue	2,241/side
9103785	Leaking UST/spill to soil	Feeder 61	Meeker Avenue & Leonard Street	564/side
0808463	Spill to soil	Construction Site	95 Bedford Avenue	2,130/side

*Direction noted is in relation to the hydraulic gradient of the groundwater flow.

4.6.1 NYSDEC On-Site Listed Spills and Leaking Underground Storage Tanks

There are no closed or active NYSDEC listed spills or leaking underground storage tanks (USTs) located at the Subject Property.

4.6.2 NYSDEC Off-Site Listed Spills

There are eight active NYSDEC listed spills located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

4.6.3 NYSDEC Off-Site Listed Leaking Underground Storage Tanks

There are six active NYSDEC listed leaking USTs located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.

4.7 NYSDEC REGISTERED CHEMICAL BULK STORAGE, MAJOR OIL STORAGE, AND PETROLEUM BULK STORAGE FACILITIES

The NYSDEC publishes a listing of all registered Chemical Bulk Storage (CBS), Major Oil Storage (MOS), and Petroleum Bulk Storage (PBS) Facilities in New York State, every year. This listing was investigated to determine whether the Subject Property or any adjoining properties are listed as such facilities.

After a thorough investigation, it was determined that neither the Subject Property nor any adjoining property is listed at the NYSDEC as a CBS, MOS, or PBS Facility.

4.8 NYS AND USEPA RCRA HAZARDOUS WASTE GENERATORS, TRANSFER, STORAGE, AND DISPOSAL SITES AND CORRACT SITES

Resource Conservation and Recovery Act (RCRA) 42 U.S.C. §6901 et seq. (1976) The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

4.8.1 NYS and USEPA RCRA Generators

The NYS and USEPA listing of Resource Conservation and Recovery Act (RCRA) Hazardous Waste Generators, dated 2011, was reviewed to determine whether the Subject Property or any adjoining properties are listed as State Facilities. After a thorough investigation, it was determined that neither the Subject Property nor any adjoining property is listed as a RCRA Hazardous Waste Generator.

4.8.2 NYS and USEPA RCRA TSD Sites and CORRACT Sites

The NYS and USEPA 2011 listing of Resource Conservation and Recovery Act (RCRA) Facilities with Corrective Actions (CORRACTs) and the NYSDEC 2010 listing of RCRA Treatment, Storage, and Disposal (TSD) Sites was reviewed to determine whether the Subject Property or properties within a one-mile radius are listed as state or federal facilities. After a thorough investigation, it was determined that neither the Subject Property nor any property within a one-mile radius is listed as a RCRA TSD or CORRACT site.

4.9 USEPA EMERGENCY RESPONSE NOTIFICATION SYSTEM

The USEPA maintains a database of all spills to which the agency has responded. This database was investigated to determine the presence of an emergency response at the Subject Property.

After an investigation according to street address, it was determined that the Subject Property is not listed on the ERNS database.

4.10 USEPA TOXIC RELEASE INVENTORY SITES

Section (§) 313 of the Emergency Planning and Community Right-to-Know Act (also known as Title III) of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (Public Law 99-499) requires the USEPA to establish an inventory of toxic chemical emissions from certain facilities. The reporting requirement applies to owners and operators of facilities that have ten or more full-time employees that are in Standard Industrial Classification (SIC) codes 20 through 39 (i.e., manufacturing facilities) and that manufacture, import, process, or otherwise use a listed toxic chemical in excess of specified threshold quantities. Inclusion in the list does not necessarily indicate that there has been a release of a toxic material to the environment at the site, only that listed chemicals have been used.

After a thorough investigation, it was determined that neither the Subject Property nor any property within a ¼-mile radius is listed as a TRI Facility.

4.11 NYS WASTEWATER DISCHARGE SITES

Wastewater treatment is one of the most common forms of pollution control. Its basic function is to speed up the natural purification processes. In many instances wastewater treatment is a two-stage process. In the primary stage of wastewater treatment, solids are allowed to settle and are then removed from wastewater. The secondary stage allows biological processes to further purify wastewater. The NYSDEC database identifies nearby Wastewater Discharge Facilities.

After a thorough investigation, it was determined that neither the Subject Property nor any property within a ½-mile radius is listed as a Wastewater Discharge Site.

4.12 USEPA AIR DISCHARGE SITES

The USEPA Aerometric Information Retrieval System (AIRS) database lists information on each air emission facility and indicates the type of air pollutant emission. Compliance information is also provided on each pollutant as well as the facility itself.

There is one site located within a ¼-mile of the Subject Property listed as an Air Discharge Site. Elli Woodworking Industries, ID# 36047P0003, located 595 feet north of the Subject Site, is listed as releasing sip source VOCs. The facility is in operation and with active violations regarding both emissions and procedural compliance. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.

4.13 USEPA CIVIL AND ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES

This Civil and Administrative Enforcement Docket database is the USEPA's system for tracking administrative and judiciary cases filed on behalf of the agency by the Department of Justice.

There is one property located within a 1/8-mile radius listed as a Civil & Administrative Enforcement Docket sites. NYC BD of ED-Junior High School, ID #NY0000379990 is in violation of asbestos. This case was concluded in 1999 and should not present a recognized environmental condition at the Subject Property.

4.14 FEDERAL ENGINEERING CONTROL AND INSTITUTIONAL CONTROL REGISTRIES

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the instructional controls.

Neither the Subject Property nor any property located within a 1/2-mile radius of the Subject Property was identified on Federal Engineering Control or Institutional Control Registries.

4.15 TRIBAL LANDS

There are no Tribal Lands within a one-mile radius of the Subject Property. This was further confirmed by a search of Federal and State Tribal Land records, please refer to Figure 8.0.

4.16 ORPHAN SITES

Orphan Sites are facilities that have been identified on the Toxics Targeting Inc. (TTI) Environmental Database Report; however, due to poor or inadequate address information, the facilities could not be mapped by TTI with relation to the Subject Property. Orphan Sites identified on the Database Report were reviewed, and none appear to be located at the Subject Property.

4.17 REGULATORY AGENCY DOCUMENTS REQUESTS

On February 26, 2013, **LEA** mailed a request to the New York City Department of Environmental Protection (NYCDEP) to view any records pertaining to the environmental condition of the Subject Property under the Freedom of Information Act (FOIA).

On April 8, 2013, **LEA** received a response dated March 22, 2013, from the NYCDEP stating that no files are maintained pertinent to the environmental condition of the Subject Property.

5.0 SITE HISTORY

According to the New York City Department of Building records, the NYCDEP, and Select Phone Directory listings, past and present uses of the Subject Property are as follows:

- 1887 According to Sanborn Fire Insurance Maps, the Subject Building was constructed circa 1887 as a two-story residential dwelling.
- 1920 According to the NYC Building Department, the estimated construction date for the Subject Property is circa 1920.
- 2005 The Subject Property was given to NYC E-Designation Listings: E-138 HAZMAT (for underground gasoline storage tanks) and E-138 AIR (for air quality-operable window limitations).

Prospective Purchaser Representative Interview:

Is not applicable as the property is not for sale.

Owner Interview:

According to Chris Cielepak's (property owner) partner Hubert (last name not provided), the plan is to construct a multi-family residential apartment on the Subject Property along with an underground parking facility. Prior to redevelopment, the property will be rented out on a month to month basis.

Historical Usage Summary:

The Subject Property has been occupied since at least 1887 for multi-family residential purposes. Past usage of the Subject Site should not present a recognized environmental condition at the Subject Property.

5.1 CITY DIRECTORIES

City directories are reference books published yearly for most major metropolitan areas and contain listings of businesses and landowners by name and address. City directories are useful in determining the historical use and/or occupant(s) of a given property. **LEA** contacted Environmental Data Resources, Inc. (EDR) to provide a summary of City Directories available to them for addresses located along Manhattan Avenue. The EDR City Directory Abstract included listings from 1928-2012

A synopsis of EDR's City Directory is as follows:

Year	Listing
1928	- Cacioppo Jos Electrician - Spiro Allen
1960	- Bianculli Mary - Marotta Albert
1970	- Bianculli Mary
1976	- Casanova Stephanie
1985	- Casanova Stephanie
1992	- Slavov Aniela - Talalaj Czeslaw
1997	- Aleksandrowtcz Stanislaw - Pompa Gustav - Slavov Aniela
2000	- Alexander Plecenik - Aniela Slavov - August Wicek - Ryszard Clesielska
2005	- Plecenik Alexander - Wiacek Augustyn

5.2 SANBORN FIRE INSURANCE MAP REVIEW

Sanborn® Fire Insurance Maps are an additional source of historical use information available for most developed areas. The maps were used for insurance purposes and indicate structures by name, type of construction, property usage, and address. **LEA** contracted EDR for a search of Sanborn Fire Insurance Maps adequate for the Subject Property and surrounding areas. According to Sanborn Historical Maps reviewed from 1887 - 2007, past uses of the Subject Site and surrounding properties are as follows:

Date	Subject Property	Surrounding Properties			
		North	South	East	West
1887	Maintains a two-story dwelling with the same footprint as seen today	Undeveloped; Dwellings	Undeveloped; Meeker Avenue	Manhattan Avenue; Stable; Stores	Undeveloped
1905	Maintains the same two-story dwelling. A stable is now located on the northwest quadrant of the Property	Dwellings	Junkyard; Stores; Meeker Avenue	Manhattan Avenue; Stores; Bottle Storage	Undeveloped
1916	No Change	Barrel Storage; Dwellings	Rags & Paper; Dwellings; Stores; Meeker Avenue	Manhattan Avenue; Stores	Undeveloped
1942	The Subject Property doubled in size, expanding west. The stable is gone and replaced by a shed labeled 'old'	1 ½-story Garage; Stores and Dwellings	No Change	No Change	Lumber Yard
1951	No change to the Building. The 'old shed' is gone.	Dwellings and Stores	No Change	No Change	Dry Kilns; Wood Working Shop
1965	No Change	Factory; Stores; Dwellings	No Change	No Change	Parking
1978 To Present	No Change	No Change	No Change	No Change	Manufacturing

5.3 HISTORICAL TOPOGRAPHIC MAP REVIEW

Historical Topographic Maps are an additional source of useful information regarding historical site usage. The maps are generated and updated by the United States Geological Survey (USGS). Scale for the maps ranged from 1:24,000 to 1:62,500. The general elevation of the Subject Site and surrounding areas was noted as approximately 17 feet above sea level. **LEA** maintains Historical Topographic Maps in their Historical Database adequate for the Subject Property and surrounding areas.

A review of a historical topographical map from 1900 and 1967 did not show detailed information as to historical structures and usage of the Subject Property.

5.4 HISTORICAL AERIAL PHOTOGRAPH REVIEW

Aerial Photographs are often taken annually or bi-annually by government agencies or private entities and may be used to evaluate changes in land use patterns at specified dates to identify visible areas of potential environmental concern. A search for historical aerial photographs depicting the Subject Property and vicinity was conducted by **LEA**. It should be noted that the scale of the available aerial photographs precludes the distinct identification of structures and/or land uses on or in the vicinity of the Subject Property.

A review of an aerial photograph from 1994 showed the following:

Based upon the scale of the aerial photographs, on-site operations could not be identified.

5.5 NYC ACRIS RECORDS

The NYC Automated City Register Information System (ACRIS) maintains property records and document images for the five boroughs from 1966 to the present. The database was searched and is included in the table below.

Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2
	2013000022506	30	ENTIRE LOT	1/16/2013 2:35:27 PM	DEED	5	GUIDICE, ROSEMARIE B	GUIDICE, ROSEMARIE B
	2005000508690	30	ENTIRE LOT	9/13/2005 9:13:57 AM	DEED	4	415 MANHATTAN AVENEUE CORP.	GUIDICE, TENANTS IN COMMON , MICHAEL
5913/1414		30	ENTIRE LOT	11/25/2002	DEED	3	GUIDICE, MICHAEL	415 MANHATTAN AVE CORP
1942/1269		30	ENTIRE LOT	12/24/1986	MORTGAGE	7	GUIDICE, MICHAEL	POLISH &SLAVIC FED CRED
1942/1267		30	ENTIRE LOT	12/24/1986	DEED	2	CASANOVA, STEPHANIE/EXEC	GUIDICE, MICHAEL
610/1558		30	ENTIRE LOT	1/29/1973	DEED	2	MAROTTA ALBERT	CASANOVA STEPHANIE
562/681		30	ENTIRE LOT	6/13/1972	MORTGAGE	4	MAROTTA ALBERT	BIANCULLI MARY
562/679		30	ENTIRE LOT	6/13/1972	DEED	2	BIANCULLI MARY	MAROTTA ALBERT
273/278		30	ENTIRE LOT	10/21/1966	MORTGAGE	8	SANTELLI JOHN O	SANTORELLI ROSE M

5.6 LITTLE E DESIGNATION SITES

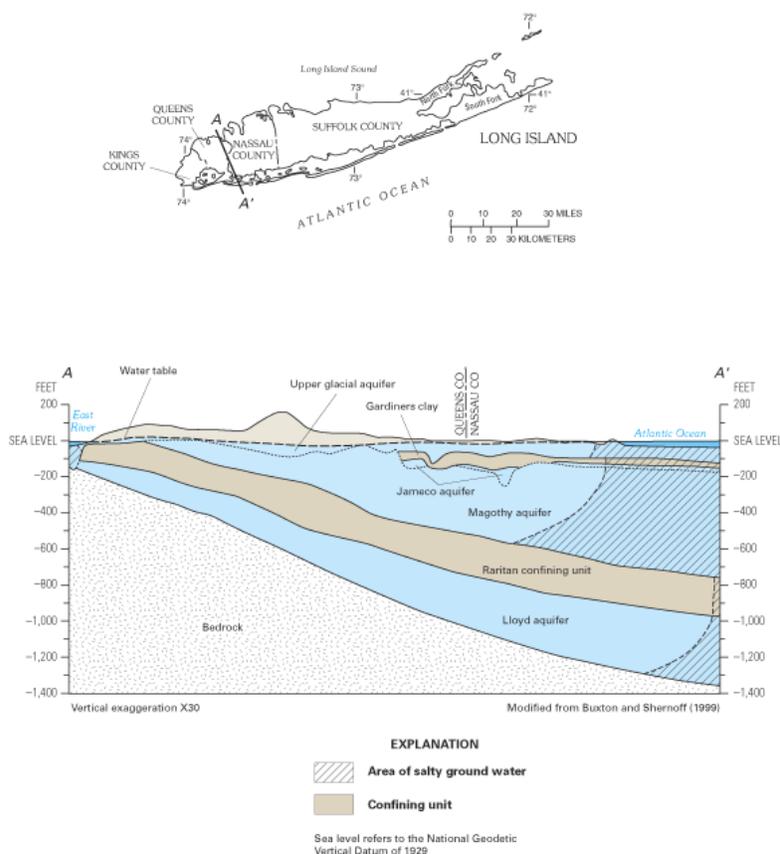
Lots designated with an “E” on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts. The NYC records were searched thoroughly and *LEA* has determined the Subject Property is designated as a Little “E” site. This site is listed twice as an E-Designation site: E-138, Hazmat for underground gasoline storage tanks testing protocol and E-138-Noise for air quality operable window limitations. Both E-Designation listings were issued on May 11, 2005.

6.0 FAIR MARKET VALUE

The Subject Property is not for sale; therefore an evaluation of the environmental integrity of the property cannot be made based upon market value.

7.0 SITE HYDROGEOLOGY

Kings County is located in the Atlantic Coastal Plain physiographic province that is characterized by low hills of unconsolidated sands, gravel, and silt. According to Franke (1972), regionally, the near-surface sediments consist of the Upper Glacial deposits that are characterized by southward sloping deposits of sand, gravel, and silt. The Upper Glacial deposits have a maximum thickness of 600 feet. They are underlain by the Magothy, Raritan, and Lloyd Formations. The Gardeners clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation along the southwest portion of Long Island. Due to less surficial contamination and higher well yields, the Magothy aquifer is the main supply for drinking and industrial water. Consequently, the USEPA has identified it as a Sole Source Aquifer. The Subject Site is in the Upper Glacial aquifer. Pump test data suggests hydraulic conductivity between the Magothy and Upper Glacial aquifers. However, discontinuous clay lenses may prevent this interaction in some areas.



According to groundwater contour maps provided by the NYCDEP and the NYSDEC, Topographic Quadrangles provided by the USGS, and previous work performed by **LEA** in the area, the Subject Property has an elevation of approximately 17 feet above mean sea level. Regional groundwater is estimated to be less than ten feet below grade at the Subject Property and flowing in a northwesterly direction, towards the East River. A site specific hydrogeologic study is warranted to confirm localized on-site groundwater flow direction, which is beyond the scope of this report.

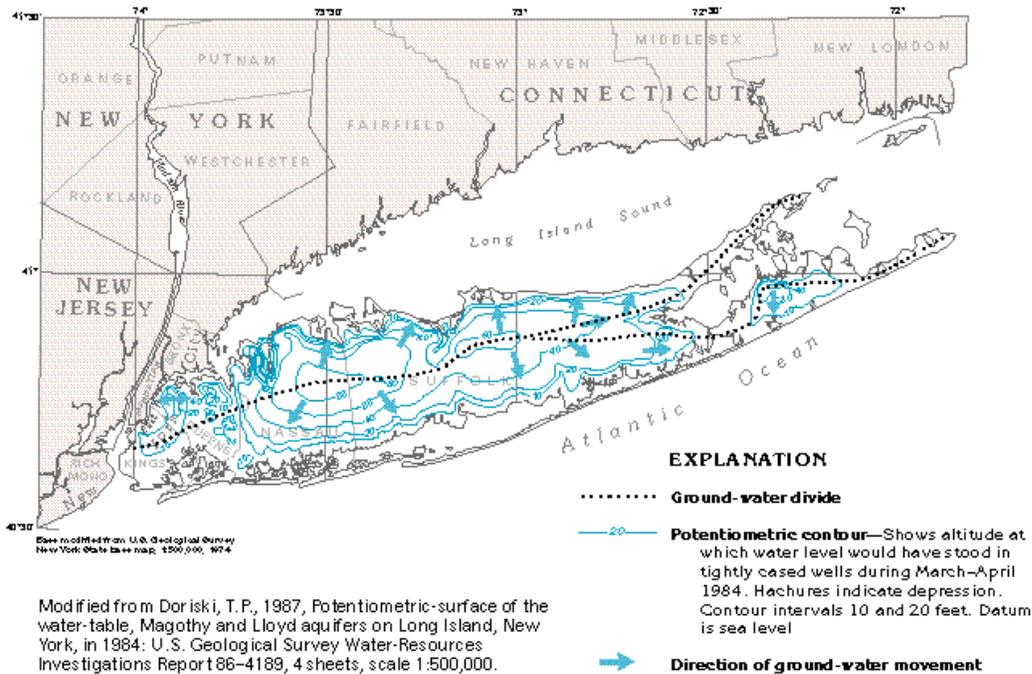


Figure 72. The potentiometric surface of the upper glacial aquifer slopes gently to the north and south from a central high, except in the western part of the island where ground-water withdrawals have lowered the water table and created cones of depression.

7.1 GROUNDWATER USE

No active drinking water wells were noted at the Subject Property or at any of the adjoining sites during the site inspection, although it remains possible that private wells exist. The Subject Building, as well as the buildings in the vicinity of the Subject Site, is served with municipal water from the City of New York. Groundwater is not utilized for any purpose at the Subject Site. **LEA** did not observe any monitoring wells at the Subject Property at the time of our site reconnaissance.

8.0 SUMMARY OF FINDINGS FROM RECONNAISSANCE AND RESEARCH

Based on the completion of the Phase I Environmental Site Assessment, *Laurel Environmental Associates, Ltd.* has come to the following conclusions:

- The Subject Property maintains one (1) two-story walk up three family residential dwelling with a footprint of approximately 800 square feet situated on a parcel approximately 2,500 square feet in area. The building was constructed circa 1887 for residential purposes and fronts along Manhattan Avenue. The site is relatively flat, covered with the building, a partially paved rear yard, concrete sidewalks and a side fire egress. The Subject Property is located in a residential and commercial area of the Williamsburg Section of Brooklyn, New York.
- The building is serviced with public water from the City of New York and with electricity and natural gas from Consolidated Edison. The Subject Building is heated by three natural gas fired burners located in the basement.
- Housekeeping was noted to be fair throughout the building and grounds-typical of a vacant building undergoing minor renovations.
- The Subject Property maintains a grass yard located on the west side of the Subject Property, observed to be relatively healthy with no signs of obvious distress.
- Sanitary waste has been handled by public sewer since construction of the Subject Building circa 1887. Based on the historical usage as a residence, any discharge into a possible on-site sanitary system does not pose a significant environmental condition.
- Storm water and roof run-off is handled by natural drainage and runoff to Manhattan Avenue.
- No floor drains were noted in the Subject Building during the on-site inspection.
- The Subject Property was recently vacated and undergoing renovations.
- The Subject Property has been used for residential purposes since construction circa 1887.
- No chemical storage was noted within the Subject Building or on the grounds during the on-site inspection. Former chemical storage is assumed to have been limited to typical housekeeping supplies.
- No biohazardous waste is generated or stored at the Subject Property.
- No drum storage was noted during the site inspection.
- No fill ports and/or vent pipes, which indicate the presence of USTs or ASTs, were noted at the Subject Property at the time of the site inspection. Based upon our site reconnaissance, interviews, and review of state and local records, LEA identified no evidence of existing USTs or ASTs at the Subject Property. Based upon the age of the building, heat was most likely supplied by coal prior to conversion to either an oil-fired system or natural gas.
- No emergency generators and associated tanks were observed during our site reconnaissance.

- There are no pad or pole-mounted transformers located at the Subject Property. The building is illuminated with fluorescent and incandescent lighting. Light ballasts may contain PCBs given the buildings age.
- No friable or non-friable suspect asbestos containing materials were noted during the inspection other than roofing materials. However, due to proposed demolition of the building, an asbestos survey should be conducted and must be conducted prior to demolition.
- Due to the age of the building, lead-based paint may be present within the Subject Building. The majority of the painted surfaces were being re-painted during LEA's inspection and were observed to be in excellent condition. A lead based survey should be conducted prior to demolition or renovations.
- Based on *LEA's* limited observations, there was no visible evidence of mold and/or mold related odors at the time of the site inspection.
- According to maps provided by the NYSDEC, the Subject Property does not reside within a fresh water or tidal wetlands area. An inspection of the Subject Property by LEA did not observe the presence of wetlands within its boundaries. There are no documented wetlands located within a 1/4-mile radius of the Subject Property.
- According to monitoring data completed by the NYS Department of Health, Bureau of Radiation Protection, the Kings County has an average indoor radon concentration of 0.6 pCi/l. Given this information, radon is not considered a significant environmental concern within the Subject Building.
- No high tension wires or substations were noted on or adjacent to the Subject Property.
- Due to the mixed nature the surrounding properties, they may have the potential to present a recognized environmental condition at the Subject Property. None of the adjoining properties are currently listed on the NYSDEC or the USEPA databases.
- There is one NPL listed site located within a one-mile radius of the Subject Property. Newtown Creek, ID# NYN000206282, is located 4,730 feet hydraulically down-gradient. Remediation is underway but not yet complete. Due to the hydraulic location relative to the Subject Property this site should not present a recognized environmental condition.
- Examination of the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database indicates that the Subject Site is not listed in the CERCLIS database. There is one CERCLIS listed site located within a 1/2-mile radius of the Subject Property. City Barrel, ID# NYD068298835, located 198 feet hydraulically side-gradient, is listed as having no further remedial action planned. Due to the hydraulic location and status of this facility, it should not present a recognized environmental condition to the Subject Property.
- The Subject Property is not listed as an IHWD site. There are eighteen (18) listed IHWD sites within a one-mile radius of the Subject Property, all of which are located hydraulically side and/or down-gradient and should not present recognized environmental condition to the Subject Property.
- The Subject Property is not listed as a HSWD site. There is one listed HSWD site located within a one-mile radius of the Subject Property. City Barrel, Registry ID# N, located 188 feet hydraulically side-gradient, has an unknown remedial status. Based upon the hydraulic location this facility, relative to the Subject Property, it should not present a recognized environmental condition.

- After a thorough investigation, it was determined that neither the Subject Property nor any property within a one-mile radius is listed as a Brownfields site.
- The database of NYS Landfills and Solid Waste facilities identified no such sites located within a ½-mile radius of the Subject Property.
- There are no closed or active NYSDEC listed spills or leaking underground storage tanks (USTs) located at the Subject Property.
- There are eight active NYSDEC listed spills located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.
- There are six active NYSDEC listed leaking USTs located within a ½-mile radius of the Subject Property. Due to the geographic and hydraulic locations, relative to the Subject Property, magnitude of spill and/or resource affected, none should present a recognized environmental condition.
- After a thorough investigation, it was determined that neither the Subject Property nor any adjoining property is listed at the NYSDEC as a CBS, MOS, or PBS Facility.
- After a thorough investigation, it was determined that neither the Subject Property nor any adjoining property is listed as a RCRA Hazardous Waste Generator.
- After a thorough investigation, it was determined that neither the Subject Property nor any property within a one-mile radius is listed as a RCRA TSD or CORRACT site.
- After an investigation according to street address, it was determined that the Subject Property is not listed on the ERNS database.
- After a thorough investigation, it was determined that neither the Subject Property nor any property within a ¼-mile radius is listed as a TRI Facility.
- After a thorough investigation, it was determined that neither the Subject Property nor any property within a ⅛-mile radius is listed as a Wastewater Discharge Site.
- There is one site located within a ¼-mile of the Subject Property listed as an Air Discharge Site. Elli Woodworking Industries, ID# 36047P0003, located 595 feet north of the Subject Site, is listed as releasing sip source VOCs. The facility is in operation and with active violations regarding both emissions and procedural compliance. Due to the resource affected and lack of traceability, no determination can be made as to the environmental threat to the Subject Property.
- There is one property located within a ⅛-mile radius listed as a Civil & Administrative Enforcement Docket sites. NYC BD of ED-Junior High School, ID #NY0000379990 is in violation of asbestos. This case was concluded in 1999 and should not present a recognized environmental condition at the Subject Property.
- Neither the Subject Property nor any property located within a ½-mile radius of the Subject Property was identified on Federal Engineering Control or Institutional Control Registries.
- There are no Tribal Lands within a one-mile radius of the Subject Property. This was further confirmed by a search of Federal and State Tribal Land records, please refer to Figure 8.0.

- On April 8, 2013, **LEA received** a response dated March 22, 2013, from the NYCDEP stating that no files are maintained pertinent to the environmental condition of the Subject Property.
- Past usage of the Subject Site should not present a recognized environmental condition at the Subject Property.
- A review of a historical topographical map from 1900 and 1967 did not show detailed information as to historical structures and usage of the Subject Property.
- Based upon the scale of the aerial photographs, on-site operations could not be identified.
- The Subject Property is not for sale; therefore an evaluation of the environmental integrity of the property cannot be made based upon market value.
- According to groundwater contour maps provided by the NYCDEP and the NYSDEC, Topographic Quadrangles provided by the USGS, and previous work performed by LEA in the area, the Subject Property has an elevation of approximately 17 feet above mean sea level. Regional groundwater is estimated to be less than ten feet below grade at the Subject Property and flowing in a northwesterly direction, towards the East River.

9.0 CONCLUSIONS

Based on the information developed and provided as part of this Phase I Environmental Site Assessment, **LEA** has reached the following conclusions regarding recognized areas of environmental concern at the Subject Property, 415 Manhattan Avenue, Brooklyn, New York 11222:

Recognized Environmental Conditions

- E-Designation
- Potential former USTs
- Possible Asbestos Containing Materials
- Lead based paints

Potential Impacts

High Risk
Low Risk
Low Risk
Low Risk

10.0 RECOMMENDATIONS

Based on the above conclusions **LEA** recommends the following:

1. Conduct a Geophysical Survey to check for possible USTs or other anomalies at the site.
2. Utilizing a 420M Limited access Geoprobe conduct at least five soil borings within the property boundary to determine the soil conditions.
3. Utilizing a 420M Geoprobe collect groundwater from three locations to determine groundwater quality and flow direction.
4. Conduct a soil vapor survey, with two subslab, one indoor and one outdoor air samples to determine the soil vapor and air quality on-site.
5. An asbestos survey must be conducted prior to demolition.
6. Submit all samples to a NYS Certified laboratory.
7. Review results and write a report with remedial objectives clearly outlined.
8. Submit data and report the NYC OER offices for review.

Opinion of Impacts

The environmental professionals who have conducted the site visit and reviewed the results of the data collection effort have concluded that the aforementioned are “recognized environmental conditions”. The recognized environmental conditions have been quantified based on a range of qualitative impacts on the soil, water, and air resources or structures on the Subject Property.

As per our contractual agreement, **LEA** has provided recommendations for further study above. It is up to the user of this report, based on the individuals risk tolerance, fiduciary responsibility, or the applicable law, to determine the extent of further inquiry.

11.0 LIMITATIONS

The purpose of this investigation was to identify potential sources of contamination at the Subject Property and to satisfy all appropriate inquiry standards set forth in Section 9601 (35)(b) of CERCLA. The findings and conclusions set forth in this report are based upon information that was available to **LEA** during the inspection of the property and review of selected records and documents. If new information becomes available concerning the environmental integrity of the Subject Property after this date, or if the Subject Property is used in a manner other than that which is identified in this report, the findings and conclusions contained herein may have to be modified. Additionally, while this investigation was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry, **LEA** cannot guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject Chris Cielepak to potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of air, soil, and/or groundwater samples, which was beyond the scope of this investigation.

Limiting Conditions:

The preceding Environmental Site Assessment is subject to the following conditions and to such other conditions and limiting conditions as are set forth in the report.

1. **Laurel Environmental Associates, Ltd.** assumes no responsibility for hidden or latent conditions or misrepresentation by the property owner, his representatives, public information officials, or any authority consulted in connection with the compilation of this report.
2. This report is prepared for the sole and explicit purpose of assessing the potential liability with respect to the suspected presence of hazardous materials that may pose a potential health or environmental threat. It is also prepared for evaluating collateral risk associated with the same. This report is not intended to have any direct bearing on the value of the property.
3. The Environmental Site Assessment and the Environmental Site Assessment Report are for the sole use of the Principal Parties. No disclosure or reproduction shall be made of the preceding report without the prior written consent of **Laurel Environmental Associates, Ltd.**
4. **Laurel Environmental Associates, Ltd.** or any representative of **Laurel Environmental Associates, Ltd.** is not required to give testimony with reference to the opinions expressed herein without prior written arrangement.
5. **Laurel Environmental Associates, Ltd.** cannot be liable for information known only to the site owner or operator and not shared with **Laurel Environmental Associates, Ltd.**

12.0 TERMS AND CONDITIONS

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify, to the extent feasible pursuant to the processes described herein to recognize environmental conditions, which are significant adverse environmental concerns in connection with the Subject Property. This practice is intended to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability: that is, to undertake “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice.” It also is intended to assist the user in developing information about the environmental condition of the Subject Property. This Phase I ESA is site specific in that it relates only to the environmental assessment of the property indicated herein.

12.1 SPECIAL TERMS AND CONDITIONS

This Phase I ESA was prepared essentially in accordance with ASTM Standards on Environmental Site Assessments: Phase I Environmental Site Assessment Process as set forth in E1527-05. No *environmental site Assessment* can wholly eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with a *property*. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for *recognized environmental conditions* in connection with a *property*, and this practice recognizes reasonable limits of time and cost.

12.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

This Phase I ESA was not intended to be in strict accordance with ASTM, be all inclusive, identify all potential concerns, or eliminate the possibility that the Subject Property may have environmental problems. Although **Laurel Environmental Associates, Ltd.** has taken great care to identify such concerns or problems, it is possible that conditions un-permitted, undocumented, not observed, or otherwise concealed on the Subject Property could exist. Additional information which was not found or made available to **LEA**, may result in a modification of the conclusions and recommendations presented.

12.3 LIMITING CONDITIONS AND METHODOLOGY USED

This Phase I ESA was prepared in a manner consistent with the level of skill ordinarily exhibited by members of the environmental auditing profession in this geographic region. No representations, expressed or implied, and no warranty or guarantee is included or intended in connection with this report. **LEA** cannot be responsible for any unauthorized use of, any misrepresentation of the information, or the information contained in this report. The information contained in this report has been obtained from readily ascertainable public sources, interviews, and from visual observations of the Subject Property, that may have been limited by secured areas, overgrown vegetation, or by other obstructions. Although great care has been taken by **LEA** in compiling and checking the information contained in this report to ensure that it is current and accurate, **LEA** disclaims any and all liability for any errors, omissions, or inaccuracies of such information and data, whether attributable to an advertence or otherwise, and for any consequences arising there-from. It is understood that **LEA** makes no representations or warranties of any kind, including, but not limited to, the warranties of fitness for a particular purpose of merchantability, nor should any such representation or warranty be implied with the respect to customer, it is employees or agents use thereof. **LEA** shall not be liable for any special, consequential, or exemplary damages resulting in whole or in part from customer use of the data. This report does not constitute a legal opinion.

13.0 REFERENCES

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14.0 DEFINITIONS

Abandoned Property – *property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the *property*.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or ground water on the property.

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property; or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

Aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area. See 8.3.4.1 of this practice.

All appropriate inquiry – that inquiry constituting “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in CERCLA, 42 USC § 9601(35) (B), that will qualify a party to a *commercial real estate* transaction for one of the threshold criteria for satisfying the LLPs to CERCLA liability (42 USC § 9601(35)(A) & (B) §9607(b) (3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See Appendix X1 of this practice.

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona Fide prospective purchaser liability protection – (42 U.S.C. §9607(r) – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practice.” Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiry on or before the date of purchase. The facility must have been purchased after January 11th, 2002. See ASTM E1527-05 Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Brownfields amendments – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 *et seq.*

Building department records – those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property. Often building department records are located in the building department of a municipality or county. See 8.3.4.7.

Commercial real estate - any real *property* except a *dwelling* or *property* with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwelling for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential use when it has a commercial function, as in the building of such dwellings for profit.

Commercial real estate transactions – a transfer of title to or possession of real property, except that it does not include transfer of title to or possession of real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by person or entities in the business of building or developing dwelling units.

Comprehensive Environmental Response, Compensation and Liability

Information Systems (CERCLIS) – the list of sites compiled by USEPA that USEPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contaminated public wells – public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substance (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

Contiguous property owner liability protection-(42 U.S.C. §9607(q))-a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substance from other real property that is not owned by that person. Furthermore, such person conducted *all appropriate inquiry* at the time of acquisition of the property and did not know or have reason to know that the property was or could be contaminated by a *release* or threatened release from the contiguous property. The all appropriate inquiry must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the *contiguous property owner liability protection*.

See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

CORRACTS list – a list maintained by EPA of hazardous waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA.

Data Failure – a failure to achieve the historical research objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap.
See 8.3.2.3 of this practice.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to interview the key site manager, regulatory officials, etc.)
See 12.7 of this practice.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

Drum – a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substance or petroleum products.

Drywells – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

Dwelling-structure or portion thereof used for residential habitation.

Engineering controls – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property.

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

ERNS list – USEPA’s emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 355.

Federal Registration (FR) - publication of the United State government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the Federal Register.

Fill dirt - dirt, soil, sand, or other earth, that is obtained off-site, which is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

Fire insurance maps – maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produces them.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 USC § 9601(14), as interpreted by USEPA regulations and the courts: “(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 USC § 6921) (but not including any waste the regulation of which under RCRA (42 USC §§ 6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC § 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of USEPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 USC § 6921) (but not including any waste the regulation of which under RCRA (42 USC §§ 6901-6992k.) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, in 42 USC § 6903, as: “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may- (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.”

IC/EC registries – database of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real covenants list (Colorado), Brownfields site list (Indiana, Missouri, Pennsylvania).

Institutional controls – a legal or administrative restriction (for example, “deed restrictions”, restrictive covenants, easements or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Interviews – those portions of this practice that are contained in Section 5.0 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and question to be asked of local government officials.

Landfill – a place, location, tract of land, area, or premises used for disposal of solid waste as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Local government agencies – those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships and similar entities.

Local street directories – directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often local street directories are available at libraries, or historical societies, and/or local municipal offices.

See 8.3.4.6 of this practice.

LUST sites – state lists of leaking underground storage tank sites. RCRA gives USEPA and states, under cooperative agreements with USEPA, authority to clean up release from UST systems or require owner and operators to do so. (42 U.S.C. §6991b).

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the Subject Property.

Material safety data sheet (MSDS) – written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA’s Hazard Communication Standard, 29 CFR §1910.1200.

National Contingency Plan (NCP) – the National Oil and Hazardous Substance Pollution Contingency Plan, found at 40 CFR Part 300 that is the USEPA’s blueprint on how hazardous substances are to be cleaned up pursuant to CERCLA.

Occupants – those tenants, subtenants, or other persons or entities using the Subject Property or a portion of the Subject Property.

Owner – generally the fee owner of record of the *property*.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 USC § 9601(14), as interpreted by the courts and USEPA: “The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

Petroleum products – those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 USC § 9601(14), as interpreted by the courts and USEPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 USC § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to *Standard Definitions of Petroleum Statistics*.)

Pits, ponds, or lagoons – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Property – the real property that is the subject of the *environmental site assessment* described in this practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

RCRA TSD Facilities – those facilities on which treatment, storage, and/or disposal of hazardous wastes take place, as defined and regulated by RCRA.

Solvent - a chemical compound that is capable of dissolving another substance and may itself be a *hazardous substance*, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

Sump – a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility – treatment, storage, or disposal facility (see RCRA TSD facilities).

Underground storage tanks (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous substances* or *petroleum products* and the volume of which is 10% or more beneath the surface of the ground.

Wastewater – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as storm water flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

14.1 ADDITIONAL DEFINITIONS – SPECIFIC TO ESA

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of *business environmental risk* issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13.

Due diligence – the process of inquiring into the environmental characteristics of a parcel of *commercial real estate* or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes.

Environmental compliance audit – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe Practice E 1528 or 1527, although an environmental compliance audit may include an *environmental site assessment* or, if prior audits are available, may be part of an environmental site assessment.

Environmental professional – (1) a person who possesses sufficient specific education, training and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see §312.1(c)), on, at, in, or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f). (2) Such a person must: (i) hold a current Professional Engineer's or Professional Geologist's license or registration from a state, tribe, or US territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of fulltime relevant experience; or (ii) be licensed or certified by the federal government, a state, tribe, or US territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in §312.21 and have the equivalent of three (3) years of full-time relevant experience; or (iii) have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the

equivalent of five (5) years of full-time relevant experience; or (iv) have the equivalent of ten (10) years of full-time relevant experience. The person may be an independent contractor or an employee of the *user*.

Environmental site assessment (ESA) – the process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to *recognized environmental conditions*. At the option of the user, an environmental site assessment may include more inquiry than that which constitutes *all appropriate inquiry* or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting *all appropriate inquiry*. An environmental site assessment is different from an *environmental compliance audit*.

Historical recognized environmental condition – environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered a *recognized environmental condition* currently. The final decision rests with the *environmental professional* and will be influenced by the current impact of the *historical recognized environmental condition* on the property. If a past release of any hazardous substances or petroleum products has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered an *historical recognized environmental condition* and included in the findings section of the Phase I *Environmental Site Assessment* report. The *environmental professional* shall provide an opinion of the current impact on the property of this *historical recognized environmental condition* in the opinion section of the report. If this *historical recognized environmental condition* is determined to be a *recognized environmental condition* at the time the Phase I *Environmental Site Assessment* is conducted, the condition shall be identified as such and listed in the conclusions section of the report.

Innocent landowner defense – (42 USC § 9601(35) and § 9607(b) (3)). A person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the first type of innocent landowner LLP, such person must have made all appropriate inquiry on or before the date of purchase. Furthermore, the all appropriate inquiry must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the innocent landowner defense. See ASTM E1527-05 Appendix X1.

Key site manager – the person identified by the *owner* or *operator* of a *property* as having good knowledge of the uses and physical characteristics of the property.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability, See 42 USC § §9601(35)(A), 9601(40), 9607(b), 9607(q), 9607 (r).

Material threat – a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the *environmental professional*, is threatening and might result in impact to public health of the environment. An example might include an aboveground storage tank that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

Other historical sources – any source or sources other than those designated in 7.3.4.1 through 7.3.4.8 that are credible to a reasonable person and that identify past uses of the property. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or *occupants*. See ASTM E1527-05 Sections 3.2.58 and 8.3.4.8.

Practically reviewable – information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis or irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous facility records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the *property*, it is not *practically reviewable*.

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

Reasonably ascertainable – for purposes of both Practice E 1527 and 1528, information that is (1) *publicly available*, (2) obtainable from its source within reasonable time and cost constraints, and (3) *practically reviewable*.

Recognized environmental conditions – the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, ground water, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.

User – the party seeking to use Practices E 1527 or E 1528 to complete an *environmental site assessment* of the *property*. A user may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an *owner* of *property*, a lender, or a property manager.

Visually and/or physically observed – during a *site visit* pursuant to this practice, this term generally means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled persons who cannot physically walk may not conduct a *site visit*; they may do so by the means at their disposal for moving through the *property* and the structures located in it.

14.2 ACRONYMS

AULs – Activity and Use Limitations

CERCLA-Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 USC § 9601 *et seq.*)

CERCLIS-Comprehensive Environmental Response, Compensation and Liability Information System (maintained by USEPA)

CFR-Code of Federal Regulations

CORRACTS-Facilities subject to Corrective Action under RCRA

ECs – Engineering Controls

USEPA-United States Environmental Protection Agency

EPCRA-Emergency Planning and Community Right to Know Act ((also known as SARA Title III), 42 USC § 11001 *et seq.*)

ERNS-Emergency Response Notification System

ESA-Environmental Site Assessment (different than an *environmental audit*; see 3.3.13)

FOIA-U.S. Freedom of Information Act (5 USC 552 *et seq.*)

FR-Federal Register

ICs – Institutional Controls

LLPs – Landowner Liability Protections under the Brownfields Amendments

LUST-Leaking Underground Storage Tank

MSDS-Material Safety Data Sheet

NCP-National Contingency Plan

NFRAP-Former CERCLIS sites where no further remedial action is planned under CERCLA

NPDES-National Pollutant Discharge Elimination System

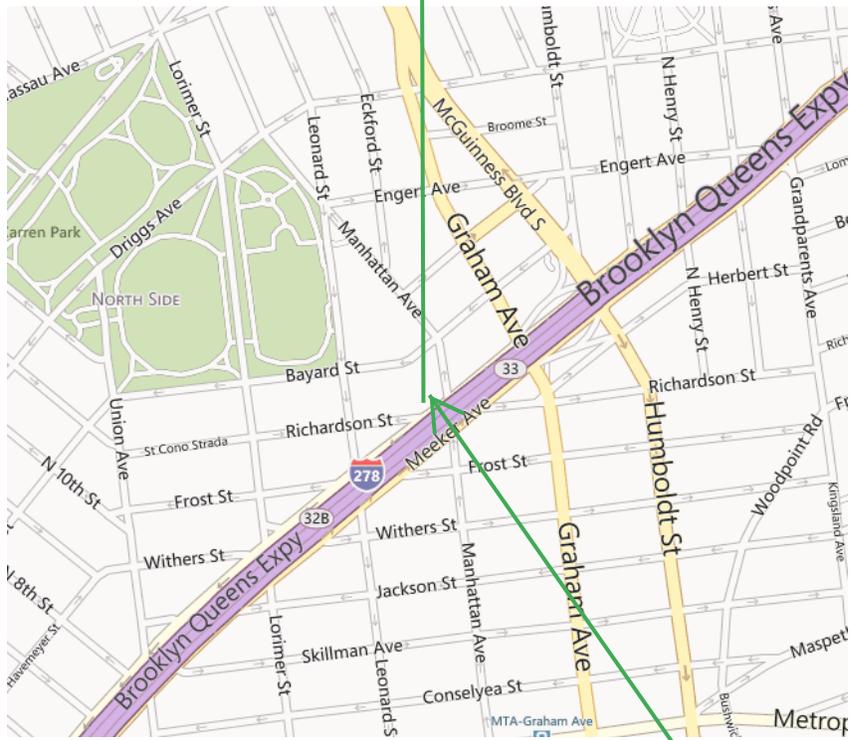
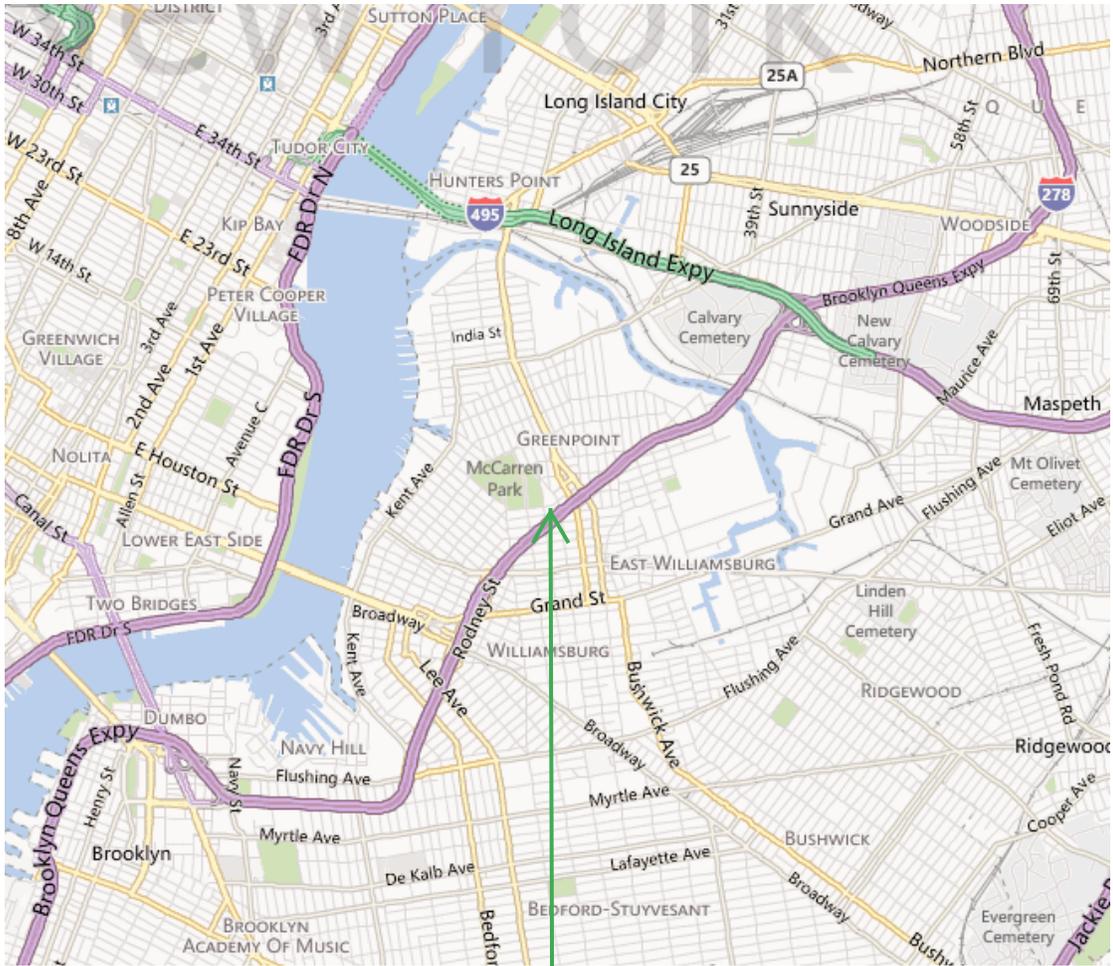
NPL-National Priorities List

PCBs-Polychlorinated Biphenyls

PRP-Potentially Responsible Party (pursuant to CERCLA 42 USC § 9607(a))

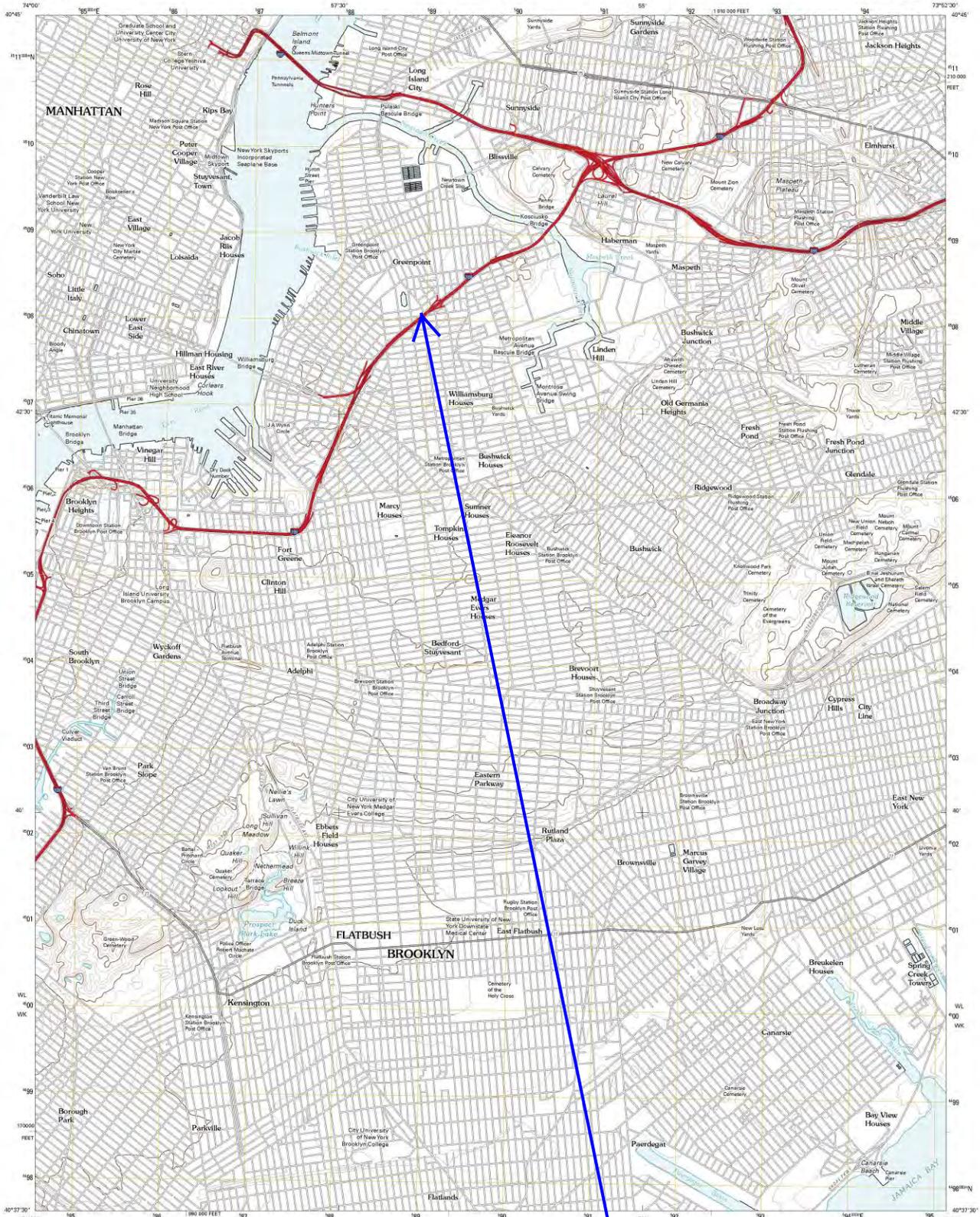
RCRA-Resource Conservation and Recovery Act (as amended, 42 USC § 6901 *et seq.*)

SARA-Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA)



LEA, 53 West Hills Road, Suite 1, Huntington Station, New York 11746

Figure 1.0 Site Location
415 Manhattan Avenue
Brooklyn, New York



Produced by the United States Geological Survey North American Datum of 1983 (NAD83) World Geodetic System of 1983 (WGS84) Projection and 1 000 meter grid. Universal Transverse Mercator, Zone 18T 10 000-foot scale. New York Coordinate System of 1983 (Long Island zone)

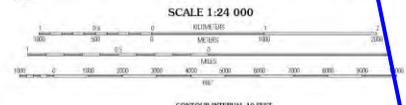
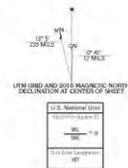


Table with 2 columns: Location, Features. Locations include Flatbush, Crown Heights, Park Slope, Downtown Brooklyn, Midtown West, Midtown East, Upper East Side, Lower East Side, East Village, West Village, Chelsea, Hellgate, Sunnyside, Morningside Heights, Harlem, East Harlem, Manhattan, Bronx, Westchester, Dutchess, Sullivan, Ulster, Albany, Rensselaer, Schoharie, Warren, Hamilton, Fulton, Seneca, Yates, Oneida, Chautauque, Warren, Hamilton, Fulton, Seneca, Yates, Oneida, Chautauque.

BROOKLYN, NY 2010

Figure 2.0 Current Topographic Map 415 Manhattan Avenue Brooklyn, New York



U. S. G. S.
FILE COPY
Ed. Div. Topographic Maps.

H. M. Wilson, Geographer in charge
Triangulation by the U.S. Coast and Geodetic Survey.
Topography by the U.S. Coast and Geodetic Survey, N.Y. City
Government, S. H. Boofka, Frank Sutton, and J. W. Thom.
Surveyed in 1889-93 and 1897, in collaboration with the State of New York
Campbell W. Adams, State Engineer and Surveyor.



Edition of Feb. 1900, reprinted Mar. 1903.

USGS
Historical File
Topographic Division

U.S. Geological Survey
MAR 31 1903
Ed. Div. Topographic Maps.

2094
Brooklyn N.Y.

Figure 4.0 Historical Topographic Map--1900
415 Manhattan Avenue
Brooklyn, New York



feet
meters

100 400

Figure 5.0 Aerial Photograph
415 Manhattan Avenue
Brooklyn, New York

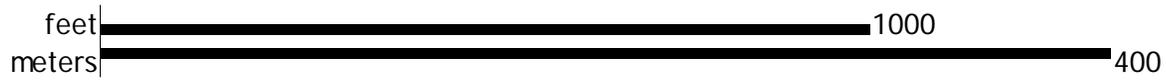
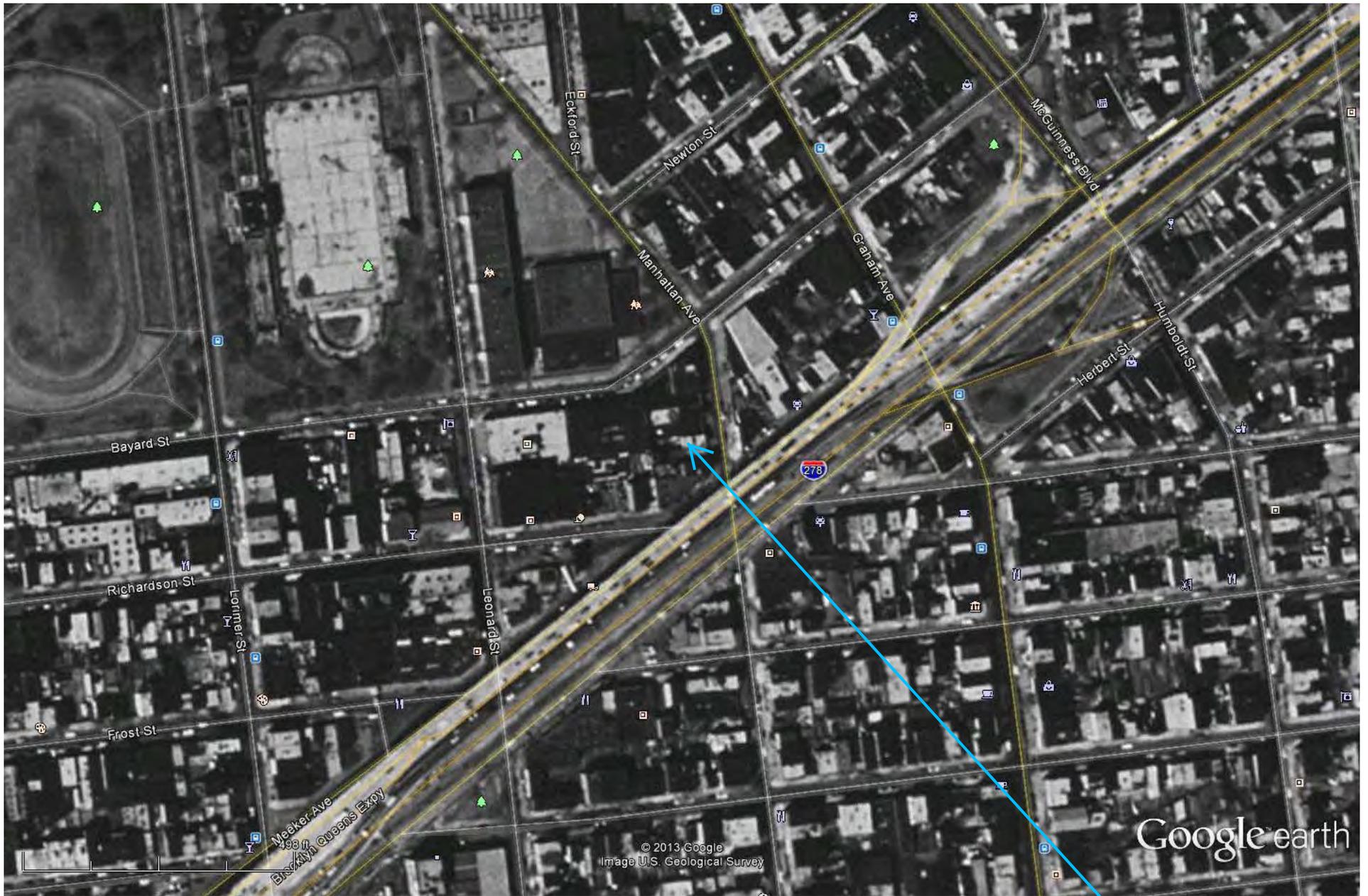
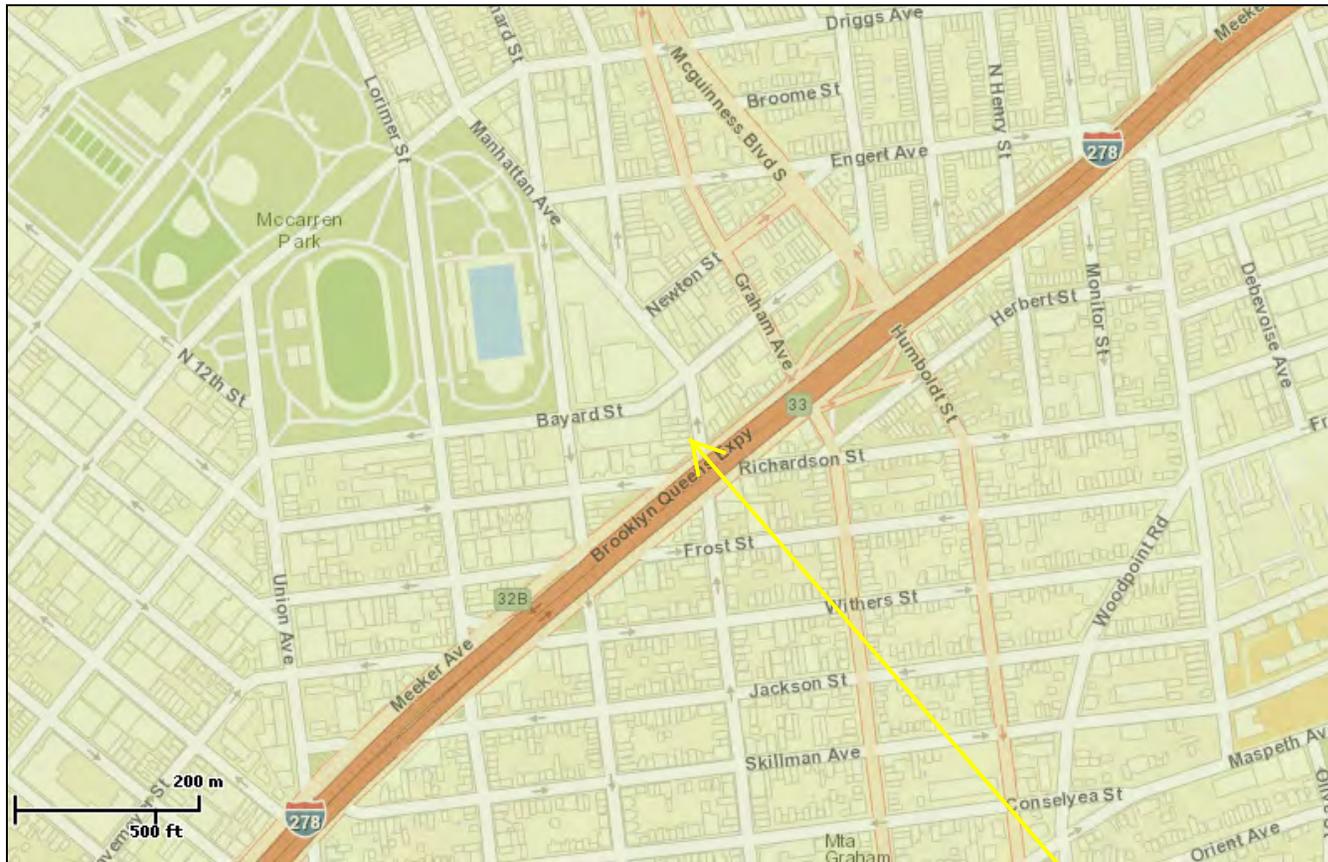


Figure 6.0 Historical Aerial Photograph--1994
415 Manhattan Avenue
Brooklyn, New York



U.S. Fish and Wildlife Service National Wetlands Inventory

Feb 28, 2013



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Status

- Digital
- Scan
- Non-Digital
- No Data

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Figure 7.0 Wetlands Map

415 Manhattan Avenue
Brooklyn, New York

Figure 8.0, Tribal Lands Map
Federal and State Recognized Indian Nation Lands, New York State



APPENDIX A

Site Photographs



Photo 1, View of the east side of the subject property



Photo 2, View of the west side of the subject property



Photo 3, View of the surrounding properties to the north



Photo 4, View of the surrounding properties to the east



Photo 5, View of the surrounding properties to the south



Photo 6, View of the surrounding properties to the west



Photo 7, View of the natural gas meters



Photo 8, View of gas-fired boilers



Photo 9, View of the hot water heaters



Photo 10, View of the electric meters



Photo 11, View of the basement space being renovated



Photo 12, Additional view of main floor renovations



Photo 13, View of the backyard

APPENDIX B

Regulatory Agency Records NYCDEP FOIL Request & Response

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Application for Records, Article 6 – New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Either send the completed application to the Records Access Officer at NYC DEP, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373, or fax to (718) 595-6543. **DO NOT FAX AND MAIL.**

PART I. APPLICATION – Check type of record(s) requested:

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Bid/ Procurement (ACCO) | <input type="checkbox"/> Noise complaints/ inspections (BEC) | <input checked="" type="checkbox"/> Sewer main/line repair/construction (BWSO) | <input type="checkbox"/> Water bill accounts/ metering (BCS) |
| <input type="checkbox"/> Asbestos (BEC) | <input checked="" type="checkbox"/> Environmental Review/SEQRA (BEPA) | <input checked="" type="checkbox"/> Water Quality (BWS/WQ) | <input type="checkbox"/> Personnel records (HRM) |
| <input checked="" type="checkbox"/> Hazardous materials emergency response (BEC) | <input checked="" type="checkbox"/> Industrial Pretreatment/ sewer discharge violations (BWT) | <input type="checkbox"/> Watershed/ reservoir operations (BWS) | <input type="checkbox"/> Wastewater Treatment Plant operations (BWT) |
| <input type="checkbox"/> Right To Know (BEC) | <input type="checkbox"/> Water main/line repair/construction (BWSO) | <input checked="" type="checkbox"/> Watershed area incident reports (DEP PD) | <input checked="" type="checkbox"/> <u>e designations</u> |
| <input checked="" type="checkbox"/> Air permits/complaints/ inspections (BEC) | | | |

I hereby apply to inspect or receive copies of the following records (use additional sheets as needed and attach):

Inspection records, violations, AST's + UST's Hazardous materials
chemical storage permits, oil/pcb's/chemical/hazardous waste spills
 Location: 415 Manhattan Avenue, Brooklyn New York 11222
 Time frame/date of records: _____

Name: Kristen Molfetta Phone: 631-673-0612 E-
 Mail: kmolfetta@laurelenv.com
 Firm: Laurel Environmental Associates

Address: 53 West Hills Rd, Suite 1 City Huntington Station State NY Zip
 Code: 11746
 Signature: Kristen Molfetta Date: 2/26/13

PART II. DISPOSITION OF REQUEST (TO BE COMPLETED BY THE DEPARTMENT)

APPROVED APPROVED IN PART -- To arrange for access to the records, please contact:

(Department Representative) Number of Pages: _____	(Bureau) x\$.25 per page = Cost: _____	(Phone No.) _____
---	---	----------------------

DENIED DENIED IN PART -- for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- | | |
|--|---|
| <input type="checkbox"/> Exempt: State/Fed. Statute (2(a)) | <input type="checkbox"/> Exempt: Law Enforcement (2(e)) |
| <input type="checkbox"/> Invasion of personal privacy (2(b)) | <input type="checkbox"/> Inter/intra-agency material (2(g)) |
| <input type="checkbox"/> Competitive position injury (2(d)) | <input type="checkbox"/> (Other) _____ |

Brief Description of records not subject to disclosure _____

A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373



Carter H. Strickland, Jr.
Commissioner

John Rousakis
General Counsel
Bureau of Legal Affairs

Records Access Officer

59-17 Junction Boulevard
Flushing, NY 11373
T: (718) 595-3448
F: (718) 595-6543

March 1, 2013

Ms. Kristen Molfetta
Laurel Environmental Associates
53 West Hills Road, Suite 1
Huntington Station, NY 11746

Dear Ms. Molfetta:

Re: 415 Manhattan Avenue, Brooklyn

We hereby acknowledge receipt of your **Freedom of Information Law** request dated February 26, 2013.

Your request is important to us and will be handled as expeditiously as possible. You are advised, however, that because of the large increase in the volume of such requests, your response may be delayed.

Please be advised that the NYC Environmental Protection no longer handles e-designations requests. They are now handled by the Mayor's Office of Environmental Remediation. Listed below for your convenience is the address to submit your FOIL requests.

NYC Mayor's Office of Environmental Remediation
253 Broadway, 14th Floor
New York, New York 10007
212-788-8841

Enclosed with this letter are your original requests.

If you have any questions, please call Brenda Farren, Records Access Officer, at (718) 595-3448. Please refer to the **FOIL log number(s)** listed below when calling.

Sincerely,

Brenda Farren
FOIL Access Officer

FOIL log #(s) 94283, 94284, 94285, 94286

RECEIVED
3/5/13
laurel



Carter H. Strickland, Jr.
Commissioner

Vincent Sapienza
Deputy Commissioner
Bureau of Wastewater
Treatment
vsapienza@dep.nyc.gov

96-05 Horace Harding
Expressway
Corona, NY 11368
T: (718) 595-4906
F: (718) 595-6950

Date: 3/14/13

Re: Freedom of Information Law Request (FOIL) # 94285

Dear Sir or Madam:

I am writing in response to your FOIL request (see attached). This response specifically addresses only those aspects of your request related to the discharge of wastewater or other materials to a New York City public sewer. As this letter only pertains to records in the custody of the Division of Pollution Control and Monitoring, if your request was also directed to other divisions within the Bureau of Wastewater Treatment or to other bureaus within the Department of Environmental Protection, then you will receive a separate response from those divisions or bureaus.

Concerning your request, the **Division of Pollution Control and Monitoring:**

cannot identify the requested location because _____.

after search, has not identified any records responsive to your request.

has identified records responsive to your request. Please telephone me at (718) 595-4756 to arrange for an appointment to review the information.

other _____

Sincerely,

Vitaly Weiler
FOIL Liaison
Division of Pollution Control and Monitoring

RECEIVED
3/19/13

lauer



*Carter H. Strickland Jr.
Commissioner*

*Angela Licata
Deputy Commissioner
of Sustainability
alicata@dep.nyc.gov*

Michael Gilsenan
Assistant Commissioner
Environmental Compliance

Steven A. Camaio, P. E.
Director
Asbestos Control Program
718-595-4424

59-17 Junction Boulevard
8th Floor
Flushing, NY 11373

March 22nd, 2013

Ms. Kristen Molfetta
Laurel Environmental Associates
53 West Hills Road – Suite #1
Huntington, New York 11746

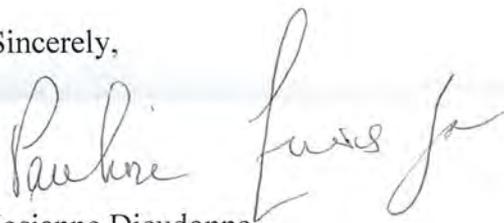
Dear Ms. Molfetta:

RE: 415 Manhattan Avenue
Phase 1

In response to your Freedom of Information Law request, dated March 1st, 2013. The Asbestos Control Program searched its files and has no records for the above-mentioned premise (s).

If you have any further questions, please do not hesitate to contact me at (718) 595-3677.

Sincerely,


Josianne Dieudonne

RECEIVED
4/8/13
laurel

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Application for Records, Article 6 - New York State Public Officers Law, Freedom of Information Law

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 Mail: kmolletta@laurelenv.com
 Firm: Laurel Environmental Associates

Address: 53 West Hills Rd, Suite 1 City: Huntington Station State: NY Zip Code: 11746

Signature: Kristen Molletta Date: 2/26/13

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(Department Representative) _____ (Bureau) _____ (Phone No.) _____
 Number of Pages: _____ x\$.25 per page = Cost: _____

DENIED DENIED IN PART - - for reason(s) checked: References are to Sec. 87 of the Public Officers Law,

- | | |
|--|---|
| <input type="checkbox"/> Exempt: State/Fed. Statute (2(a)) | <input type="checkbox"/> Exempt: Law Enforcement (2(e)) |
| <input type="checkbox"/> Invasion of personal privacy (2(b)) | <input type="checkbox"/> Inter/Intra-agency material (2(g)) |
| <input type="checkbox"/> Competitive position injury (2(d)) | <input type="checkbox"/> (Other) _____ |

Brief Description of records not subject to disclosure _____

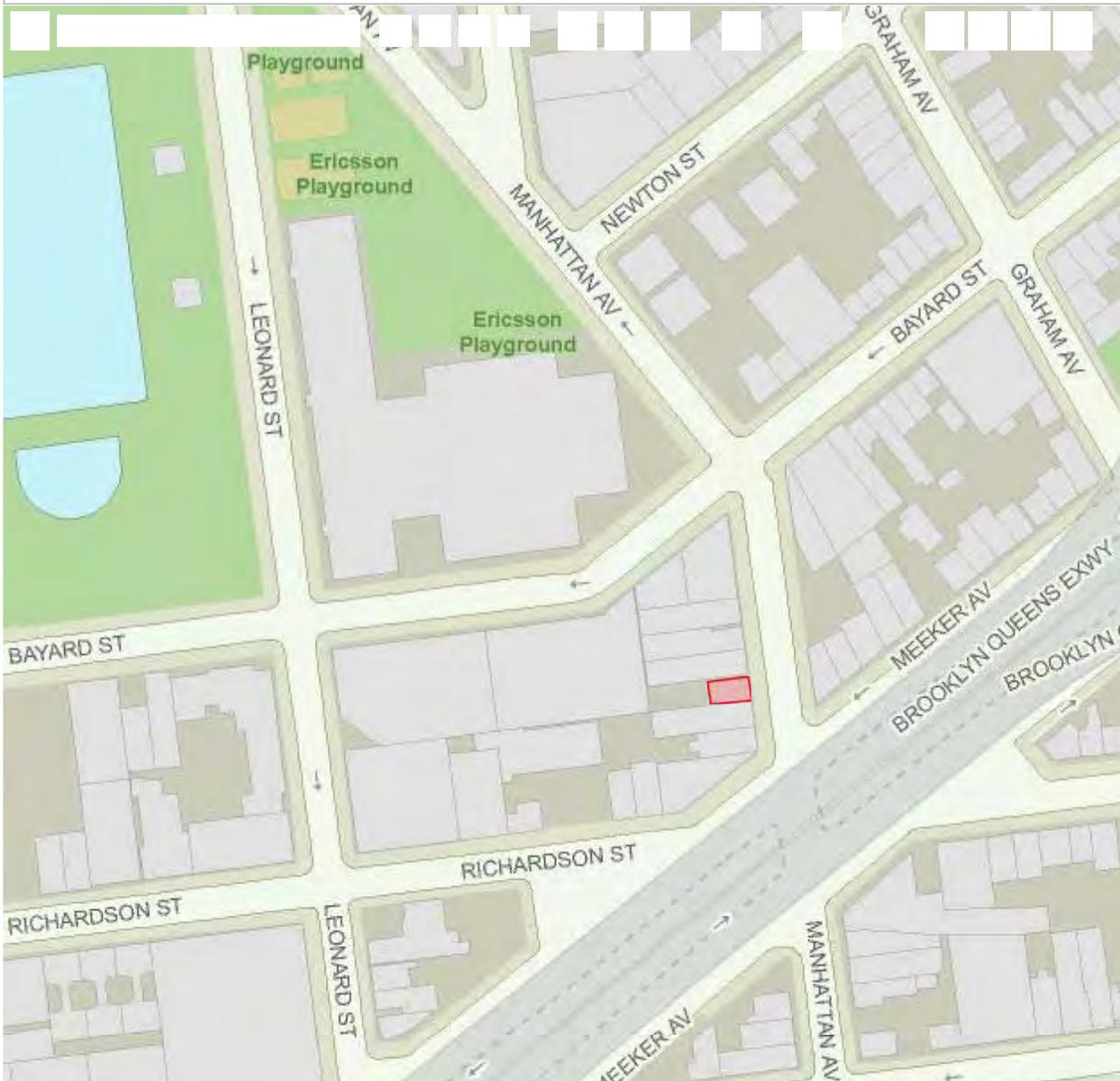
A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373

LOG # 94285

APPENDIX C

NYC Building Department Records

Search for a location:



Advanced Search

Searched Locations

415 MANHATTAN AVENUE
BROOKLYN 11222

Hide Additional Information...

- Find Nearest

- Building & Property Information

Borough: Brooklyn **Block:** 2723 **Lot:** 30
Police Precinct: 94
Owner: GUIDICE, TENANTS IN

Address: 415 MANHATTAN AVENUE, BROOKLYN 11222
Lot Area: 2500 sf
Lot Frontage: 25' **Lot Depth:** 100
Year Built: 1920 (estimated)
Number of Buildings: 1
Number of Floors: 2
Gross Floor Area: 1,050 sf (estimated)
Residential Units: 2 **Total # of Units:** 2
Land Use: One and Two Family Buildings
Zoning: M1-2/R6A
Commercial Overlay:
Zoning Map #: [13A](#)
Landmark Building: No
Historic District: No

[Dept. of City Planning, PLUTO 12v2 © 2012](#) and other city agency sources

Links to More Information

[Address Translator](#)

[Building ECD Violations](#)

- Neighborhood Information

- Elected Official Information



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

Complaints By Address

Click [here](#) for information on how to remove a Stop Work Order from your property

Page: 1 of 1

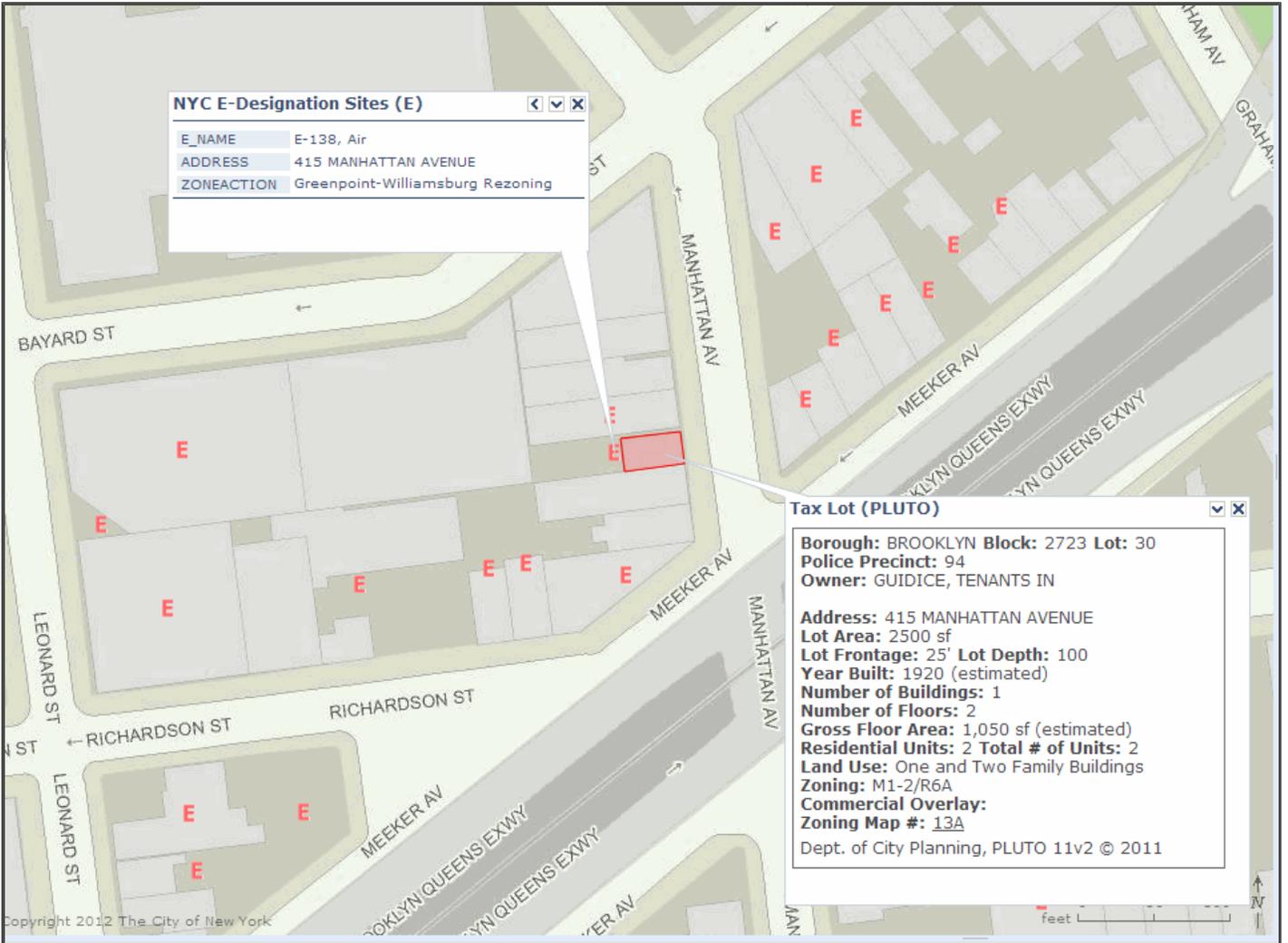
1 Total Complaints

[View SWO Complaints](#) BIN: [3067909](#)

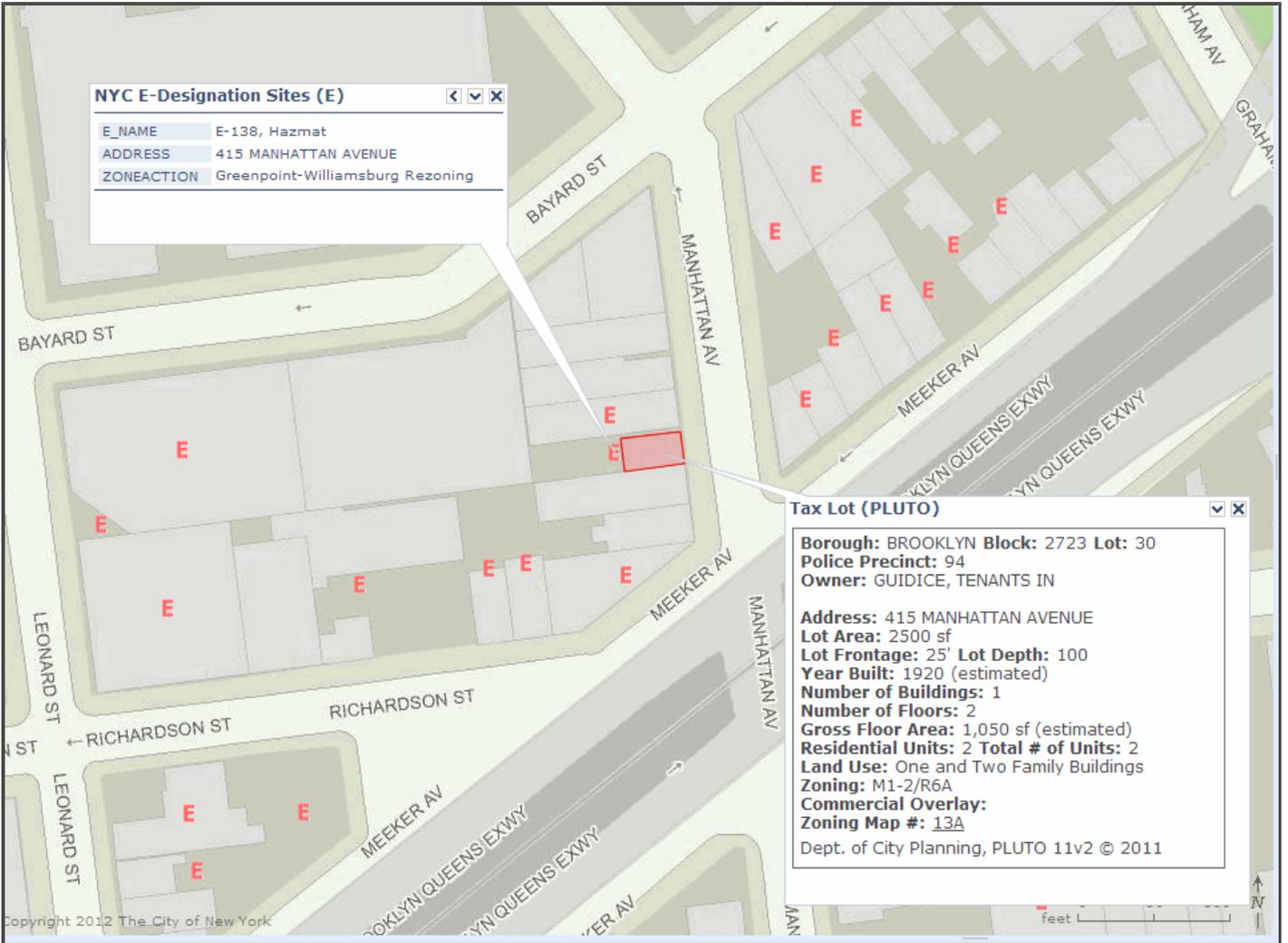
Looking for a list of complaint [category codes](#) or [disposition codes](#)?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
3078917	415 MANHATTAN AVENUE	05/11/2000	05	05/17/2000	I2	RES

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



E NYC E-Designation Sites (E)



E NYC E-Designation Sites (E)

APPENDIX D

Toxics Targeting, Inc. Environmental Report Computerized Report from USEPA, NYSDEC and Local Databases

TOXICS TARGETING

PHASE I

ENVIRONMENTAL DATABASE REPORT

**415 MANHATTAN AVENUE
BROOKLYN, NY 11222**

FEBRUARY 27, 2013

LIMITED WARRANTY AND DISCLAIMER OF LIABILITY

Who is Covered

This limited warranty is extended by Toxics Targeting, Inc. only to the original purchaser of the accompanying Environmental Report ("Report"). It may not be assigned to any other person.

What is Warranted

Toxics Targeting, Inc. warrants that it uses reasonable care to accurately transcribe the information contained in this Report from the sources from which it is obtained. This limited warranty is in lieu of all other express warranties which might otherwise arise with respect to the Report. No one is authorized to change or add to this limited warranty.

What We Will Do

If during the warranty period there is shown to be a material error in the transcription of the information contained in this Report from the sources from which it was obtained, Toxics Targeting, Inc. shall refund to the original purchaser the full purchase price paid for the Report. The remedy stated above is the exclusive remedy extended to the Purchaser by Toxics Targeting, Inc. for any failure of the Report to conform with this Warranty, or otherwise for breach of this Warranty or any other warranty, whether expressed or implied.

What We Won't Cover

Toxics Targeting, Inc. has not and can not verify the accuracy, correctness or completion of the information contained in this Report. Information is obtained from government agencies, site owners, and other sources, and errors are common in such information. Because Toxics Targeting, Inc. can not control the accuracy of the information contained in this Report, or the uses which may be made of the information, TOXICS TARGETING, INC. DISCLAIMS LIABILITY TO ANYONE FOR ANY EVENTS ARISING OUT OF THE USE OF THE INFORMATION. TOXICS TARGETING, INC. SHALL NOT BE LIABLE FOR ANY DAMAGE CAUSED BY THIS REPORT, WHETHER DIRECT OR INDIRECT, AND WHETHER OR NOT TOXICS TARGETING, INC. HAS BEEN ADVISED OF OR HAS KNOWLEDGE OF THE POSSIBILITY OF SUCH DAMAGES. TOXICS TARGETING, INC. EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

Period of Warranty

The period of warranty coverage is ninety days from the date of purchase of this Report. There shall be no warranty after the period of coverage. ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE SHALL HAVE NO GREATER DURATION THAN THE PERIOD OF WARRANTY STATED HERE, AND SHALL TERMINATE AUTOMATICALLY UPON THE EXPIRATION OF SUCH PERIOD. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you.

PLEASE REFER TO PAGES ONE AND FIVE FOR A DESCRIPTION OF SOME OF THE LIMITATIONS OF THIS ENVIRONMENTAL REPORT.

Table of Contents

Introduction..... 1

- *The Three Sections of Your Report*
- *How to Use Your Report*
- *Toxic Site Databases Analyzed In Your Report*
- *Limitations Of the Information In Your Report*

Section One: Your Report Summary..... 7

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
- *Table Four: Identified Toxic Sites By Proximity*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
- *Map Four: Eighth-Mile Radius Close-up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

Section Two: Toxic Site Profiles

Section Three: Appendices

- *USEPA ERNS Check*
- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

Introduction

Toxics Targeting has combined environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce your *Environmental Report*. It checks for the presence of 25 categories of government-reported toxic sites and provides detailed, up-to-date information on each identified site. The findings of your report are presented in an easy-to-understand format that:

1. ***Maps*** the approximate locations of selected government-reported toxic sites identified on or near a specified target address.
2. ***Estimates*** the distance and direction between the target address and each identified toxic site.
3. ***Reports*** air and water permit non-compliance and other regulatory violations.
4. ***Profiles*** some aspects of the usage, manufacture, storage, handling, transport or disposal of toxic chemicals at individual sites.
5. ***Summarizes*** some potential health effect information and drinking water standards for selected chemicals reported at individual sites.

The Three Sections Of Your Report

The first section highlights your report's findings by summarizing identified sites according to: **a)** distance intervals, **b)** direction, **c)** proximity to the target address and **d)** individual site categories. In addition, the locations of all identified toxic sites are illustrated on individual maps for each radius search distance used in your report. A close-up map illustrates the locations of all identified toxic sites, at the shortest radius search distance used in your report. Finally, a map of tax parcels and a table of selected information about those parcels are included.

The second section of your report contains *Toxic Site Profiles* that provide detailed information on each identified toxic site. The information in each *Toxic Site Profile* varies according to its source. Some toxic site categories have extensive information and some have limited information. All the information is updated on a regular basis.

The third section of the report contains appendices that identify: **1)** on-site spills reported to the national Emergency Response Notification System (ERNS), **2)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **3)** codes that characterize hazardous wastes reported at various facilities, **4)** methods used to map toxic sites identified in your report and **5)** information sources used in your report.

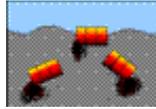
How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.
- Check Table Two to see identified sites sorted by direction.
- Check Table Three to see identified sites ranked by proximity to the target address.
- Check Table Four to see identified sites sorted by site categories.
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

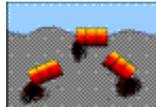
Search Radius

One-Mile



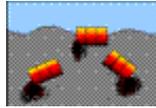
1) **National Priority List for Federal Superfund Cleanup**: a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile



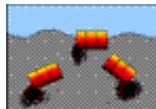
2) **Delisted National Priority List Sites**: a listing of NPL sites that have been removed from the National Priority List.

One-Mile



3) **New York Inactive Hazardous Waste Disposal Site Registry**: a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile



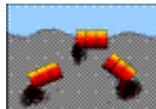
4) **New York Inactive Hazardous Waste Disposal Site Registry Qualifying**: a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile



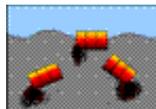
5) **RCRA Corrective Action Activity (CORRACTS)**: waste facilities with RCRA corrective action activity reported by the USEPA.

Half-Mile



6) **CERCLIS** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile



7) **CERCLIS NFRAP**: a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile



8) **New York State Brownfield Cleanup Sites**: a listing of sites that are abandoned, idled or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.

Half-Mile



9) **New York Solid Waste Facilities Registry**: active and inactive landfills, incinerators, transfer stations or other solid waste management facilities.

Half-Mile



10) **New York City 1934 Solid Waste Sites**: a listing of solid waste disposal sites operated by New York City municipal authorities circa 1934.

Half-Mile



11) ***New York and Federal Hazardous Waste Treatment, Storage or Disposal Facilities:*** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRIS). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Half-Mile



12) ***Toxic Spills: active and inactive or closed*** spills reported to state environmental authorities, including *remediated* and *unremediated* leaking underground storage tanks. This database includes the following categories:

- Tank Failures
- Tank Test Failures
- Unknown Spill Cause or Other Spill Causes
- Miscellaneous Spill Causes

Eighth-Mile



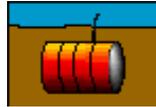
13) ***New York State Major Oil Storage Facilities:*** sites with more than a 400,000 gallon capacity for storing petroleum products.

Eighth-Mile



14) ***New York State Petroleum Bulk Storage Facilities:*** sites with more than an 1,100 gallon capacity for storing petroleum products.

Eighth-Mile



15) ***New York City Fire Dept Tank Data:*** tank data from 1997.

Eighth-Mile



16) ***New York and Federal Hazardous Waste Generators and Transporters:*** sites reported by the NYS manifest system and the USEPA's Resource Conservation and Recovery Act Information System (RCRA). Also includes the following database:

- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Eighth-Mile



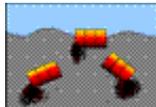
17) ***New York Chemical Bulk Storage Facilities:*** sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

Eighth-Mile



18) ***Historic New York City Utility Sites (1890's to 1940's):*** power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

Half-Mile



19) ***New York Hazardous Substance Disposal Site Draft Study:*** a state listing of sites contaminated with toxic substances that can pose environmental or public health hazards. These sites were not eligible for state clean up funding programs.

Eighth-Mile



20) ***Federal Toxic Release Inventory Facilities:*** discharges of selected toxic chemicals to air, land, water or treatment facilities.

Eighth-Mile



21) ***Federal Air Discharges:*** air pollution point sources monitored by U.S. EPA and/or state and local air regulatory agencies.

Eighth-Mile



22) ***Federal Permit Compliance System Toxic Wastewater Discharges:*** permitted toxic wastewater discharges.

Eighth-Mile



23) ***Federal Civil and Administrative Enforcement Docket:*** judiciary cases filed on behalf of the U. S. Environmental Protection Agency by the Department of Justice.

On-site only
(250 ft)



24) ***New York City Environmental Quality Review (CEQR) – E Designation Sites:*** parcels assigned a special environmental (“E”) designation under the CEQR process. E designation requires specific protocols that must be followed.

Property only



25) ***ERNS: Federal Emergency Response Notification System Spills:*** a listing of federally reported spills.

Limitations Of The Information In Your Report

The information presented in your *Environmental Report* has been obtained from various local, state and federal government agencies. Please be aware that: **1)** additional information on individual sites may be available, **2)** newly discovered sites are continually reported and **3)** all map locations are approximate. As a result, this report is intended to be the **FIRST STEP** in the process of identifying and evaluating possible environmental threats to specific properties and can only serve as a guide for conducting on-site visits or additional, more detailed toxic hazard research.

Toxics Targeting tries to ensure that the information in your report is presented accurately and with minimal alteration. Systematic changes are made to correct obvious address errors in order to allow sites to be mapped. Any address changes that are made are noted in the map information section at the top of each corresponding *Toxic Site Profile*. Some information that has been withheld by government authorities remains included in Toxic Site Profiles and is identified as archival information. Since the information presented in your report is not edited, please be aware that it can contain reporting errors or typographical mistakes made by the site owners/operators or government agencies that produced the information. Also please be aware of some other limitations of the information in your report:

- The digital map used by *Toxics Targeting* is the same one used by the U. S. Census or local authorities in New York City. While the map is generally accurate, no map is perfect. In addition, *Toxics Targeting's* mapping methods estimate where toxic site addresses are located if the address is not specifically designated. **FOR THESE REASONS, ALL MAP LOCATIONS OF ADDRESSES AND REPORTED TOXIC SITES SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BY ON-SITE VISITS;**
- **UNDISCOVERED, UNREPORTED OR UNMAPPABLE TOXIC SITES MIGHT NOT BE IDENTIFIED BY THIS REPORT'S CHECK OF 25 TOXIC SITE CATEGORIES. TOXIC SITES REPORTED IN OTHER GOVERNMENT DATABASES MIGHT ALSO EXIST. FOR THESE REASONS, YOUR REPORT MIGHT NOT IDENTIFY ALL THE TOXIC SITES THAT EXIST IN THE AREA IT SEARCHES;**
- The appendix of your report contains a listing of sites that could not be mapped due to incomplete or erroneous address information or other mapping problems. This listing includes unmappable toxic sites in the zip codes searched for the report as well as toxic sites without zip codes reported in the same county. **IF YOU WOULD LIKE INFORMATION ON ANY OF THE LISTED SITES, PLEASE CONTACT *TOXICS TARGETING* AND REFER TO THE SITE ID NUMBER.**
- New York State Department of Environmental Conservation Remediation Site Borders are approximate and may not align with tax parcel boundaries mapped by local authorities or the digital map used by the US Census Bureau. As a result, Remediation Site Borders may overlap parcels that do not involve site remediation activities. Selected parcels also can involve multiple Remediation Site Borders. Refer to individual site profiles for more information. Sites without profiles include potential new sites or sites that have not yet been publicly listed by DEC.
- Some toxic sites identified in your report may be classified as **known hazards**. Most of the toxic sites identified in your report involve **potential hazards** related to the on-site use, manufacture, handling, storage, transport or disposal of toxic chemicals. Some of the toxic sites identified in your report may be the addresses of parties responsible for toxic sites located elsewhere. **YOU SHOULD ONLY CONCLUDE THAT TOXIC HAZARDS ACTUALLY EXIST AT A SPECIFIC SITE WHEN GOVERNMENT AUTHORITIES MAKE THAT DETERMINATION OR WHEN THAT CONCLUSION IS FULLY DOCUMENTED BY THE FINDINGS OF AN APPROPRIATE SITE INVESTIGATION UNDERTAKEN BY LICENSED PROFESSIONALS;**

- Compass directions and distances are approximate. Compass directions are calculated from the subject property address to the mapped location of each identified toxic site. The compass direction does not necessarily refer to the closest property boundary of an identified toxic site. The compass direction also can vary substantially for toxic sites that are located very close to the subject property address.
- The information presented in your report is a summary of the information that *Toxics Targeting* obtains from government agencies on reported toxic sites. **YOU MAY BE ABLE TO OBTAIN ADDITIONAL INFORMATION ABOUT REPORTED SITES WITH THE FREEDOM OF INFORMATION REQUEST FORM LETTERS THAT ARE PROVIDED ON THE INSIDE OF THE BACK COVER.**

Section One:

Report Summary

- *Table One: Number of Identified Toxic Sites By Distance Interval*
- *Table Two: Identified Toxic Sites By Direction*
- *Table Three: Identified Toxic Sites By Category*
- *Table Four: Identified Toxic Sites By Proximity*
- *Map One: One-Mile Radius Map*
- *Map Two: Half-Mile Radius Map*
- *Map Three: Eighth-Mile Radius Map*
- *Map Four: Eighth-Mile Radius Close up Map*
- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 – 100 ft	100 ft – 1/8 mi	1/8 mi – 1/4 mi	1/4 mi – 1/2 mi	1/2 mi – 1 mi	Site Category Totals
ASTM–Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	1	1
NYS Inactive Hazardous Waste Disposal Site Registry	0	1	0	1	12	14
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	3	3
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
ASTM–Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non–NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	1	0	0	Not searched	1
Brownfields Sites						
Voluntary Cleanup Program	0	0	0	0	Not searched	0
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	0	0	0	Not searched	0
NYSDEC Solid Waste Facilities / Landfills	0	0	0	0	Not searched	0
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	1	0	0	Not searched	1
Active Tank Test Failures	0	0	2	0	Not searched	2
Active Spills – Unknown / Other Causes	0	0	2	8	Not searched	10
Active Spills – Miscellaneous Causes	0	1	0	1(5)	Not searched	2(5)
Closed Tank Failures	0	1	1	4	Not searched	6
Closed Tank Test Failures	0	1	2	11	Not searched	14
Closed Spills – Unknown / Other Causes	0	12	25	104	Not searched	141
Closed Spills – Miscellaneous Causes	0	4	2(18)	8(69)	Not searched	14(87)
ASTM–Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	0	14	Not searched	Not searched	Not searched	14
RCRA Hazardous Waste Generators & Transporters	0	17	Not searched	Not searched	Not searched	17
NYS Chemical Bulk Storage Sites	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM–Required On–Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	3	10	Not searched	Not searched	Not searched	13
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM–Required Databases Distance Interval Totals	3	63	34(18)	137(74)	16	253(92)

Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

* NYC Environmental Quality Review Requirements ("E") Sites were searched at 250 feet.

NOTE: Table continues on next page.

Non-ASTM Databases 1/2 Mile Search

1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	1	0	0	Not searched	1

Non-ASTM Databases 1/8 Mile Search

Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	1	Not searched	Not searched	Not searched	1
Civil & Administrative Enforcement Docket Facilities	0	1	Not searched	Not searched	Not searched	1

Non-ASTM Databases Distance Interval Totals	0	3	0	0	Not Searched	3
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<i>Distance Interval Totals</i>	3	66	34(18)	137(74)	16	256(92)
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Numbers in () indicate spills not mapped and profiled in this report, and are listed at the end of the active and closed spills sections. See these lists for a description of the parameters involved with identifying these spills.

Identified Toxic Sites by Direction

415 Manhattan Avenue
Brooklyn, NY 11222

* Compass directions can vary substantially for sites located very close to the subject property address.

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
245		BLOCK: 2723 LOT: 30	0 feet	NYC Env. Qual. Review-"E" Designation
246		BLOCK: 2723 LOT: 29	26 feet to the NW*	NYC Env. Qual. Review-"E" Designation
247		BLOCK: 2723 LOT: 33	87 feet to the S*	NYC Env. Qual. Review-"E" Designation

Sites between 100 ft and 660 ft from the subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
59	COMMERCIAL PROPERTY	120 NEWTON AVENUE	373 feet to the N	Closed Status Spill (Unk/Other Cause)
66	CHLORINE FACTORY	126 NEWTON ST	474 feet to the N	Closed Status Spill (Unk/Other Cause)
243	ELLI WOODWORKING INDUSTRIES	121-125 NEWTON STREET	595 feet to the N	Air Discharge Site
252		BLOCK: 2724 LOT: 7	180 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
255		BLOCK: 2724 LOT: 10	217 feet to the NNE	NYC Env. Qual. Review-"E" Designation
219	TRICO ELECTRICAL CORP.	495 GRAHAM AVE	517 feet to the NNE	Petroleum Bulk Storage Site
42	UNITED AMBULETTE	495 GRAHAM AVE	523 feet to the NNE	Closed Status Tank Test Failure
250		BLOCK: 2724 LOT: 1	125 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
251		BLOCK: 2724 LOT: 37	152 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
242	CITY BARREL	421 MEEKER STREET	188 feet to the ENE*	Hazardous Substance Waste Disposal Site
230	CITY BARREL & DRUM CO INC	421 MEEKER AVE	190 feet to the ENE*	Hazardous Waste Generator/Transporter
253		BLOCK: 2724 LOT: 34	191 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
2	CITY BARREL CO.	421-429 MEEKER STREET	198 feet to the ENE*	NYSDEC Inactive Haz Waste Disposal Site
20	CITY BARREL	421-429 MEEKER ST	198 feet to the ENE*	CERCLIS Superfund NFRAP Site
256		BLOCK: 2724 LOT: 33	221 feet to the ENE	NYC Env. Qual. Review-"E" Designation
257		BLOCK: 2724 LOT: 31	247 feet to the ENE	NYC Env. Qual. Review-"E" Designation
197	BROOKLYN QUEENS EXPRESS	GRAHAM AVE EAST BOUND DIR	466 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
233	NYSDOT BIN 106560A	I-278 EB OVER GRAHAM AVE	466 feet to the ENE	Hazardous Waste Generator/Transporter
234	NYSDOT BIN 106560B	I-278 WB OVER GRAHAM AVE	466 feet to the ENE	Hazardous Waste Generator/Transporter
56	TRANSMISSION MANHOLE 71303	MEEKER AND RICHARDSON ST	137 feet to the SE*	Closed Status Spill (Unk/Other Cause)
225	CONSOLIDATED EDISON	MEEKER AVE & RICHARDSON	137 feet to the SE*	Hazardous Waste Generator/Transporter
226	CONSOLIDATED EDISON	MEEKER & MANHATTAN MH64805	137 feet to the SE*	Hazardous Waste Generator/Transporter
227	CONSOLIDATED EDISON	MEEKER-N-RICHARDSON	137 feet to the SE*	Hazardous Waste Generator/Transporter
228	CONSOLIDATED EDISON	MEEKER & RICHARDSON	137 feet to the SE*	Hazardous Waste Generator/Transporter
229	NYSDOT BIN 1065609	I-278 OVER MANHATTAN AVE	137 feet to the SE*	Hazardous Waste Generator/Transporter
63	INTERSECTION FROM MANHOLE 4917	MANHATTAN AVE AND FROST ST	413 feet to the SSE	Closed Status Spill (Unk/Other Cause)

198	GELFAND RES.	398 MANHATTAN AVE	468 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
199	INTERMASTER	387 MANHATTAN AVE	491 feet to the S	Closed Status Spill (Misc. Spill Cause)
217	INTER MASTER CORP	387 MANHATTAN AVE.	494 feet to the S	Petroleum Bulk Storage Site
218	DAMATO SALES & SERVICES	104 FROST ST	497 feet to the S	Petroleum Bulk Storage Site
200	375 MANHATTAN AVENUE	375 MANHATTAN AVENUE	620 feet to the S	Closed Status Spill (Misc. Spill Cause)
248		BLOCK: 2723 LOT: 36	104 feet to the SW*	NYC Env. Qual. Review-"E" Designation
249		BLOCK: 2723 LOT: 37	123 feet to the SW*	NYC Env. Qual. Review-"E" Designation
213	278 FUEL STOP, INC.	392 LEONARD STREET	386 feet to the SW	Petroleum Bulk Storage Site
214	A-I AUTO REPAIRS INC.	392 LEONARD STREET	386 feet to the SW	Petroleum Bulk Storage Site
36	GAS STATION	392 LEONARD STREET	388 feet to the SW	Closed Status Tank Failure
60		392 LEONARD STREET	388 feet to the SW	Closed Status Spill (Unk/Other Cause)
61	CONSTRUCTION SITE	392 LEONARD STREET	388 feet to the SW	Closed Status Spill (Unk/Other Cause)
34	FEEDER 61	MEEKER AVE & LEONARD ST	564 feet to the SW	Active Haz Spill (Misc. Spill Cause)
67	MANHOLE 64805	MEECKER AVE A DN FROST ST	564 feet to the SW	Closed Status Spill (Unk/Other Cause)
237	CONSOLIDATED EDISON	MH64805-MEEKER AVE & FROST ST	564 feet to the SW	Hazardous Waste Generator/Transporter
238	CONSOLIDATED EDISON	MEEKER AVE AND FROST ST	564 feet to the SW	Hazardous Waste Generator/Transporter
239	CONSOLIDATED EDISON	MEEKER AVE & FROST ST - MH64805	564 feet to the SW	Hazardous Waste Generator/Transporter
221	MOBILE SYSTEMS UNIT	75 FROST STREET	584 feet to the SW	Petroleum Bulk Storage Site
222	ALL BORO	391 LEONARD STREET	584 feet to the SW	Petroleum Bulk Storage Site
223	FRATELLI RICATTO	391 LEONARD ST	584 feet to the SW	Petroleum Bulk Storage Site
240	NYCDEP	75 FROST ST	592 feet to the SW	Hazardous Waste Generator/Transporter
241	NYCDEP	75 FROST ST	592 feet to the SW	Hazardous Waste Generator/Transporter
211	ISRAEL M DOLGIN ASSOC	101 RICHARDSON STREET	197 feet to the WSW*	Petroleum Bulk Storage Site
254		BLOCK: 2723 LOT: 38	202 feet to the WSW	NYC Env. Qual. Review-"E" Designation
57	SERVICE BOX	87 RICHARDSON ST	313 feet to the WSW	Closed Status Spill (Unk/Other Cause)
58	MANHOLE (UNK #)	87 RICHARDSON ST	313 feet to the WSW	Closed Status Spill (Unk/Other Cause)
212	ISREAL M DOLGIN ASSC	87 RICHARDSON ST	313 feet to the WSW	Petroleum Bulk Storage Site
235	GRAF AIR	407 LEONARD ST	477 feet to the WSW	Hazardous Waste Generator/Transporter
220	FDNY ENGINE 229 / LADDER 146	75 RICHARDSON STREET	548 feet to the WSW	Petroleum Bulk Storage Site
236	NYC FIRE DEPT ENGINE CO 229	75 RICHARDSON ST	551 feet to the WSW	Hazardous Waste Generator/Transporter
21	ENGINE CO. 229 FDNY -DDC	76 RICHARDSON STREET	558 feet to the WSW	Active Tank Failure
62	VS 3971	BAYARD ST/LEONARD ST	407 feet to the W	Closed Status Spill (Unk/Other Cause)
232	CONSOLIDATED EDISON	BAYARD ST & LEONARD ST	407 feet to the W	Hazardous Waste Generator/Transporter
64	COMMERCIAL LOT	407 LEONARD STREET/BAYARD	459 feet to the W	Closed Status Spill (Unk/Other Cause)
65	COMMERCIAL LOT	407 LEONARD ST	459 feet to the W	Closed Status Spill (Unk/Other Cause)
216	D L BRENNER & SONS INC	407 LEONARD ST	469 feet to the W	Petroleum Bulk Storage Site
224	CREST BODY EQUIP CRP	72 BAYARD ST	595 feet to the W	Petroleum Bulk Storage Site
231	NYC BOARD OF EDUCATION PS 126 K	424 LEONARD ST	366 feet to the NW	Hazardous Waste Generator/Transporter
215	JUNIOR HIGH SCHOOL 126 - BROOKLYN	424 LEONARD STREET	433 feet to the NW	Petroleum Bulk Storage Site
244	NYC BD OF ED - JUNIOR HIGH SCH	424 LEONARD STREET	368 feet to the NNW	Civil & Admin. Enforcement Docket Site

Sites equal to or greater than 660 ft from subject property sorted by direction and distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
<hr/>				

87	GREEN POINT CAR WASH, INC.	(AKA AUTOCLEAN CARWASH, INC.)	1028 feet to the N	Closed Status Spill (Unk/Other Cause)
97	MANHOLE #TM 633	NEWELL ST & DRIGGS AV	1429 feet to the N	Closed Status Spill (Unk/Other Cause)
116	MCGINNESS AVE BETWEEN	NASSAU AVE DRIBBS AVE	1739 feet to the N	Closed Status Spill (Unk/Other Cause)
121	RESIDENCE	41 NEWELL ST	1788 feet to the N	Closed Status Spill (Unk/Other Cause)
135	44 NEWELL STREET	44 NEWELL STREET	1890 feet to the N	Closed Status Spill (Unk/Other Cause)
173	VAULT TM613	HUMBOLDT ST. AND NASSAU A	2420 feet to the N	Closed Status Spill (Unk/Other Cause)
14	CARBONA PRODUCTS	330 CALYER STREET	4147 feet to the N	NYSDEC Inactive Haz Waste Registry Qual.
131	625 HUMBOLDT STREET	625 HUMBOLDT STREET	1871 feet to the NNE	Closed Status Spill (Unk/Other Cause)
183	MANHOLE 63577	NASSAU AVE/RUSSELL ST	2517 feet to the NNE	Closed Status Spill (Unk/Other Cause)
184	MANHOLE #64589	RUSSELL & NASSAU ST	2517 feet to the NNE	Closed Status Spill (Unk/Other Cause)
7	FORMER SPIC AND SPAN CLEANERS AND DYERS, INC.	315 KINGSLAND AVENUE	3347 feet to the NNE	NYSDEC Inactive Haz Waste Disposal Site
12	MOBIL OIL BROOKLYN TERMINAL	300 N. HENRY ST.	3966 feet to the NNE	NYSDEC Inactive Haz Waste Disposal Site
81	MANHOLE 55946B	HUMBOLT ST MCGUINNESS ST	883 feet to the NE	Closed Status Spill (Unk/Other Cause)
24	SUNOCO SERVICE STATION	550 HUMBOLDT ST	988 feet to the NE	Active Haz Spill (Unknown/Other Cause)
22	MOBIL S/S #17-FX9	550 HUMBOLDT STREET	996 feet to the NE	Active Tank Test Failure
83	FORMER GAS	550 HUMBOLT ST	996 feet to the NE	Closed Status Spill (Unk/Other Cause)
84	MONITORING WELL	550 HUMBOLDT STREET	996 feet to the NE	Closed Status Spill (Unk/Other Cause)
148	NYS DOT - BQE	KINGSLAND & MEEKER AVES	2022 feet to the NE	Closed Status Spill (Unk/Other Cause)
150	MONITOR ST & DRIGGS AVE	MONITOR ST & DRIGGS AVE	2062 feet to the NE	Closed Status Spill (Unk/Other Cause)
176	SERVICE BOX 12690	206 KINGSLAND AVE	2448 feet to the NE	Closed Status Spill (Unk/Other Cause)
78	BRONX QUEENS EXPRESSWAY	EXIT 33 MCGUINNESS BLVD	872 feet to the ENE	Closed Status Spill (Unk/Other Cause)
79	BROOKLYN/QUEENS EXPWY	AND MCGINNIS BLVD	872 feet to the ENE	Closed Status Spill (Unk/Other Cause)
80	IN ROADWAY	BROOKLYN QUEENS EXPRESSWAY @ MCGUINNESS BLVD	872 feet to the ENE	Closed Status Spill (Unk/Other Cause)
201	MCGUINNESS BLVD & BQE	MCGUINNESS BLVD & BQE	872 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
202	43 HERBERT STREET, BKLYN/R	43 HERBERT ST	970 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
114	SERVICE BOX #12699	107 KINGSLAND AVE	1730 feet to the ENE	Closed Status Spill (Unk/Other Cause)
205	TM 640	HERBERT ST & KINGSLAND AVE	1822 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
133	104 KINGSLAND AVE/BKLYN	104 KINGSLAND AVENUE	1875 feet to the ENE	Closed Status Spill (Unk/Other Cause)
139	DOUBLE GREEN	122 KINGSLAND AVENUE	1932 feet to the ENE	Closed Status Spill (Unk/Other Cause)
143	18 DIVISION PL/BKLYN	18 DIVISION PLACE	1987 feet to the ENE	Closed Status Spill (Unk/Other Cause)
144	GOODMAN BROT STEEL DRUMS	18 DIVISION ST	1987 feet to the ENE	Closed Status Spill (Unk/Other Cause)
145	GOODMAN BROT STEEL DRUMS	18 DIVISION PL	1987 feet to the ENE	Closed Status Spill (Unk/Other Cause)
156	SERVICE VS5743	BEADEL ST/DEBEVOISE ST	2107 feet to the ENE	Closed Status Spill (Unk/Other Cause)
208	NATIONAL DRUM	35 BEADEL STREET	2302 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
50	BUSINESS	32 BEADEL STREET	2316 feet to the ENE	Closed Status Tank Test Failure
174	CON EDISON MANHOLE 12371	53 DIVISON PLACE	2435 feet to the ENE	Closed Status Spill (Unk/Other Cause)
209		505 MORGAN AVE	2497 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
188	MANHOLE #56358	DIVISION PL/MORGAN AVE	2570 feet to the ENE	Closed Status Spill (Unk/Other Cause)
189	MH #16092	MORGAN AVE & DIVISION PL	2570 feet to the ENE	Closed Status Spill (Unk/Other Cause)
191	535 MORGAN AVE	535 MORGAN AVE	2573 feet to the ENE	Closed Status Spill (Unk/Other Cause)
196	S & S PRINTING	488 MORGAN AVE	2639 feet to the ENE	Closed Status Spill (Unk/Other Cause)
210		ANTHONY ST/MORGAN AVE	2639 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
6	ACME STEEL/METAL WORKS	95 LOMBARDY STREET	3157 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
9	ACME STEEL/BRASS FOUNDRY	72 ANTHONY STREET	3641 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
17	K - GREENPOINT MGP - ENERGY CENTER	287 MASPETH AVENUE	4763 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
74	PRIVATE DWELLING	184 RICHARDSON STREET	861 feet to the E	Closed Status Spill (Unk/Other Cause)
75	SUMNER RESIDENCE	184 RICHARDSON ST	861 feet to the E	Closed Status Spill (Unk/Other Cause)
113	MANUFACTURING FACILITY	78 KINGSLAND AVE	1724 feet to the E	Closed Status Spill (Unk/Other Cause)
128	VS 5950	E SIDE KINGSLAND AVE/NEAR FROST ST	1838 feet to the E	Closed Status Spill (Unk/Other Cause)

129	VS5950 – VAULT	KINGSLAND AV/FROST ST	1838 feet to the E	Closed Status Spill (Unk/Other Cause)
130	KINGSLAND & FROST AVENUE –MTBE	KINGSLAND AVENUE	1838 feet to the E	Closed Status Spill (Unk/Other Cause)
51	COOPER PARK –NYCHA	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
52	COOPER PARK HOUSING –NYCHA	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
53	COOPER PARK –NYCHA	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
54	COOPER PARK	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
175	ONE QT OIL FOUND IN MANHOLE #2694	DEBEVOISE & JACKSON STREETS	2439 feet to the E	Closed Status Spill (Unk/Other Cause)
5	FORMER KLINK COSMO CLEANERS	364 RICHARDSON STREET	2857 feet to the E	NYSDEC Inactive Haz Waste Disposal Site
11	K – EQUITY WORKS	MASPETH AND VANDERVORT AVES.	3888 feet to the E	NYSDEC Inactive Haz Waste Disposal Site
18	B.C.F. OIL REFINING, INC.	360–362 MASPETH AVENUE, SOUTHSIDE	4895 feet to the E	NYSDEC Inactive Haz Waste Disposal Site
27	MOBIL	51 KINGSLAND AVE	1825 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
127	51 KINGLAND AVENUE	51 KINKGLAND AVE	1825 feet to the ESE	Closed Status Spill (Unk/Other Cause)
136	APARTMENT BLDG	243 JACKSON STREET	1901 feet to the ESE	Closed Status Spill (Unk/Other Cause)
39	RESIDENCE	243 JACKSON STREET	1927 feet to the ESE	Closed Status Tank Failure
142	SANITATION COMPANY	244 SKILLMAN AVE	1986 feet to the ESE	Closed Status Spill (Unk/Other Cause)
147	CON ED VAULT #4233	JACKSON/KINGSLEY	2021 feet to the ESE	Closed Status Spill (Unk/Other Cause)
1	NEWTOWN CREEK	SOUTH END OF IVY HILL ROAD	4730 feet to the ESE	National Priority List(NPL) Site
16	NEWTOWN CREEK	NEWTOWN CREEK (BETWEEN BROOKLYN AND QUEENS)	4730 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site
69	PAINT FACTORY	415 GRAHAM AVE	770 feet to the SE	Closed Status Spill (Unk/Other Cause)
120	387 HUMBOLDT ST/BKLYN	387 HUMBOLDT STREET	1785 feet to the SE	Closed Status Spill (Unk/Other Cause)
30	WOLF PETROLEUM CORP	2 BUSHWICK AVENUE	2099 feet to the SE	Active Haz Spill (Unknown/Other Cause)
48	SHELL	2 BUSHWICK AVENUE	2099 feet to the SE	Closed Status Tank Test Failure
154	SHELL	2 BUSHWICK AVENUE	2099 feet to the SE	Closed Status Spill (Unk/Other Cause)
33	HESS–MERIT STATION 32522	810 METROPOLITAN AVENUE	2241 feet to the SE	Active Haz Spill (Unknown/Other Cause)
49	810 METROPOLITAN AVE	810 METROPOLITAN AVENUE	2241 feet to the SE	Closed Status Tank Test Failure
207	810 METROPOLITAN AV/MERIT	810 METROPOLITAN AVENUE	2241 feet to the SE	Closed Status Spill (Misc. Spill Cause)
192	RESIDENCE	50 BUSHWICK AVE	2598 feet to the SE	Closed Status Spill (Unk/Other Cause)
19	K – SCHOLLES ST. STATION	SCHOLLES ST 7 BOGART STS, MESSEROLE & MORGAN AVE	5007 feet to the SE	NYSDEC Inactive Haz Waste Disposal Site
76	OLD PAINT FACTORY	133 JACKSON AVE	870 feet to the SSE	Closed Status Spill (Unk/Other Cause)
77	CONSTRUCTION SITE	133 JACKSON AVE	870 feet to the SSE	Closed Status Spill (Unk/Other Cause)
86	EXCAVATION	140 JACKSON STREET	1025 feet to the SSE	Closed Status Spill (Unk/Other Cause)
90	RESIDENCE	381 GRAHAM AVE APT 2	1190 feet to the SSE	Closed Status Spill (Unk/Other Cause)
103	SCHOOL	320 MANHATTAN AVE.	1570 feet to the SSE	Closed Status Spill (Unk/Other Cause)
88	CONSTRUCTION SITE	351 MANHATTAN AVE	1041 feet to the S	Closed Status Spill (Unk/Other Cause)
98	CORNOR OF CONSELYEA	MANHATTEN AVE	1450 feet to the S	Closed Status Spill (Unk/Other Cause)
100	GAS STATION	116 CONSELYEA STREET	1506 feet to the S	Closed Status Spill (Unk/Other Cause)
204	APARTMENT BLDG	677 METROPOLITAN AV	1609 feet to the S	Closed Status Spill (Misc. Spill Cause)
117	APPEARS THAT 20 GAL COOKING OIL	LEONARD ST & METROPOLITAN AVE	1747 feet to the S	Closed Status Spill (Unk/Other Cause)
165	MH 225	AINSLIE ST/LEONARD ST	2269 feet to the S	Closed Status Spill (Unk/Other Cause)
167	IHO HOUSE	143 AINSLIE ST	2293 feet to the S	Closed Status Spill (Unk/Other Cause)
182	MANHATTAN AVE & POWERS ST	MANHATTAN AVE / POWERS ST	2496 feet to the S	Closed Status Spill (Unk/Other Cause)
71		354 LEONARD ST	852 feet to the SSW	Closed Status Spill (Unk/Other Cause)
72		354 LEONARD ST	852 feet to the SSW	Closed Status Spill (Unk/Other Cause)
112	30 SKILLMAN AVE	30 SKILLMAN AVE	1692 feet to the SSW	Closed Status Spill (Unk/Other Cause)
137	BMT L LINE	LORIMER/METROPOLITIAN	1903 feet to the SSW	Closed Status Spill (Unk/Other Cause)
138	METROPOLITIAN AV AND	LORIMER ST	1903 feet to the SSW	Closed Status Spill (Unk/Other Cause)
149	MANHOLE 4939	564 METROPOLATAIN AVE	2061 feet to the SSW	Closed Status Spill (Unk/Other Cause)
160	MH4940	LORIMER ST/DEVOE ST	2150 feet to the SSW	Closed Status Spill (Unk/Other Cause)

206	522 METROPOLITAN AVE	522 METROPOLITAN AVE	2199 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
164	MAN HOLE #4934	UNION AVE / KEAP ST	2266 feet to the SSW	Closed Status Spill (Unk/Other Cause)
177	MANHOLE 4935	MANHOLE 4935	2463 feet to the SSW	Closed Status Spill (Unk/Other Cause)
187	433 UNION AVE	433 UNION AVE	2527 feet to the SSW	Closed Status Spill (Unk/Other Cause)
195	GAS STATION	417 UNION AVE	2633 feet to the SSW	Closed Status Spill (Unk/Other Cause)
68	59-65 FROST STREET	59-65 FROST STREET	730 feet to the SW	Closed Status Spill (Unk/Other Cause)
43	64 FROST ST	64 FROST STREET	822 feet to the SW	Closed Status Tank Test Failure
82	RESIDENCE	684 LORIMER ST	929 feet to the SW	Closed Status Spill (Unk/Other Cause)
89	MANHOLE #53380	MEEKER AVE/WITHERS ST	1085 feet to the SW	Closed Status Spill (Unk/Other Cause)
91	AMOCO STATION -MTBE	243 MEEKER AVENUE	1311 feet to the SW	Closed Status Spill (Unk/Other Cause)
92	UNDERGROUND	243 MEEKER AVE	1311 feet to the SW	Closed Status Spill (Unk/Other Cause)
203		526 UNION AVE	1586 feet to the SW	Closed Status Spill (Misc. Spill Cause)
109	GAS STATION	25 SKILLMAN AVE	1652 feet to the SW	Closed Status Spill (Unk/Other Cause)
110	25 SKILLMAN AVE	25 SKILLMAN AVE	1652 feet to the SW	Closed Status Spill (Unk/Other Cause)
115	MANHOLE 4930	UNION AVE/JACKSON ST	1737 feet to the SW	Closed Status Spill (Unk/Other Cause)
132	IN STREET	MEEKER AVE/ UNION AVE	1875 feet to the SW	Closed Status Spill (Unk/Other Cause)
45	CLOSED-LACKOF RECENT INFO	275 NORTH 8TH ST.	1899 feet to the SW	Closed Status Tank Test Failure
146	MANHOLE 16282	IFO 288 NO 8TH ST	2011 feet to the SW	Closed Status Spill (Unk/Other Cause)
3	BQE/ANSBACHER COLOR & DYE FACTORY	MEEKER AVENUE	2292 feet to the SW	NYSDEC Inactive Haz Waste Disposal Site
168	STAR SOAP AND CANDLE CO.	304 NORTH 7TH STREET	2303 feet to the SW	Closed Status Spill (Unk/Other Cause)
169	STAR SOAP AND CANDLE CO.	304 NORTH 7TH ST	2303 feet to the SW	Closed Status Spill (Unk/Other Cause)
170	310 N 7TH ST	310 N 7TH ST	2303 feet to the SW	Closed Status Spill (Unk/Other Cause)
178	TRAFFIC ACCIDENT	MEEKER AVE/METROPOLITAN A	2471 feet to the SW	Closed Status Spill (Unk/Other Cause)
41	UNICO GAS STATION	445 METROPOLITAN AVE	2523 feet to the SW	Closed Status Tank Failure
185	GAS STATION	445 METROPOLITAN AVE	2523 feet to the SW	Closed Status Spill (Unk/Other Cause)
37	68 RICHARDSON STREET	68 RICHARDSON STREET	742 feet to the WSW	Closed Status Tank Failure
70	704 LORIMER ST	704 LORIMER ST	825 feet to the WSW	Closed Status Spill (Unk/Other Cause)
94	CONSTRUCTION/EXCAVATION SITE	568 UNION AVENUE	1378 feet to the WSW	Closed Status Spill (Unk/Other Cause)
99	MANHOLE #4900	NORTH 11TH ST/UNION AVE	1477 feet to the WSW	Closed Status Spill (Unk/Other Cause)
107	MANHOLE 4925	WITHERS ST/UNION AV	1615 feet to the WSW	Closed Status Spill (Unk/Other Cause)
108	MANHOLE 53375	WITHERS ST/ UNION AVE	1615 feet to the WSW	Closed Status Spill (Unk/Other Cause)
118	WAREHOUSE	261 NORTH 9TH STREET	1767 feet to the WSW	Closed Status Spill (Unk/Other Cause)
119	MH 4927	HAVERMYER ST/N 9TH ST	1785 feet to the WSW	Closed Status Spill (Unk/Other Cause)
134	COMMERICAL VACANT LOT	235-239 N 9TH STREET	1882 feet to the WSW	Closed Status Spill (Unk/Other Cause)
29	PROPERTY	55 ROEBLING ST	2084 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
153	AUNT HEDDY'S BAKERY	234 NORTH 9TH STREET	2092 feet to the WSW	Closed Status Spill (Unk/Other Cause)
163	W OF ROBLING AV	N 8TH ST	2226 feet to the WSW	Closed Status Spill (Unk/Other Cause)
179	SUBWAY TRACKS-NYCT	257 NORTH 6TH ST	2471 feet to the WSW	Closed Status Spill (Unk/Other Cause)
181	LOT NEXT TO 583 DRIDGES	CRN DRIGGES AVE & 8TH	2481 feet to the WSW	Closed Status Spill (Unk/Other Cause)
73	INSIDE MCCARREN POOL	BAYARD AND LORIMER ST.	858 feet to the W	Closed Status Spill (Unk/Other Cause)
93	ABANDONED BUCKET	9 RICHARDSON ST	1321 feet to the W	Closed Status Spill (Unk/Other Cause)
38	UNKNOWN GAS STATION	2 ROEBLING ST	1566 feet to the W	Closed Status Tank Failure
102	GAS STATION	2 ROEBLING ST	1566 feet to the W	Closed Status Spill (Unk/Other Cause)
104	MANHOLE #4837	ROEBLING AVE/NORTH 11TH	1596 feet to the W	Closed Status Spill (Unk/Other Cause)
105	CONSTRUCTION SITE	ROEBLING STR/NORTH 11TH	1596 feet to the W	Closed Status Spill (Unk/Other Cause)
106	CONSTRUCTION SITE	NORTH 11TH ST & ROEBLING	1596 feet to the W	Closed Status Spill (Unk/Other Cause)
111	BETWEEN NORTH 10 /11TH	ROEBLING	1685 feet to the W	Closed Status Spill (Unk/Other Cause)
26	N 11TH STREET SIDEWALK	204-214 NORTH 11TH ST	1810 feet to the W	Active Haz Spill (Unknown/Other Cause)
122	CONSTRUCTION SITE	ROEBLING STREET	1810 feet to the W	Closed Status Spill (Unk/Other Cause)
123	EXCAVATION	214 NORTH 11TH STREET	1810 feet to the W	Closed Status Spill (Unk/Other Cause)

124	EXCAVATION SITE	204-214 NORTH 11TH ST	1810 feet to the W	Closed Status Spill (Unk/Other Cause)
125	AMONIUM HYDROCHLORIDE SPI	215 N. 10TH ST	1814 feet to the W	Closed Status Spill (Unk/Other Cause)
28	COMMERCIAL PROPERTY	454 DRIGGS AVE	1930 feet to the W	Active Haz Spill (Unknown/Other Cause)
141	COMMERCIAL PROPERTY	200 NORTH 11TH STREET	1951 feet to the W	Closed Status Spill (Unk/Other Cause)
155	213 NORTH 9TH STREET	213-217 NORTH 9TH STREET	2102 feet to the W	Closed Status Spill (Unk/Other Cause)
35	CONSTRUCTION SITE	95 BEDFORD AVE	2130 feet to the W	Active Haz Spill (Misc. Spill Cause)
157	105 BEDFORD AV	105 BEDFORD AVENUE	2130 feet to the W	Closed Status Spill (Unk/Other Cause)
158	NEW APT BLDG/FORMER PAINT FACTORY	95 BEDFORD AVENUE	2130 feet to the W	Closed Status Spill (Unk/Other Cause)
159	EIGHT GAL XFMR LEAK IN MANHOLE #1706	155 NORTH 11 ST (AT BEDFORD AVE).	2130 feet to the W	Closed Status Spill (Unk/Other Cause)
162	HYDRO TECH	170 NORTH 11TH STREET	2208 feet to the W	Closed Status Spill (Unk/Other Cause)
32	169-175 NORTH 10TH STREET	169-175 NORTH 10TH STREET	2222 feet to the W	Active Haz Spill (Unknown/Other Cause)
166	VACANT LOT	165 NORTH 10TH ST	2280 feet to the W	Closed Status Spill (Unk/Other Cause)
171	VACANT/ COMMERCIAL	506 DRIGGS AVE	2367 feet to the W	Closed Status Spill (Unk/Other Cause)
180	CAMPBELL RESIDENCE	120 BEDFORD AVE	2473 feet to the W	Closed Status Spill (Unk/Other Cause)
55	F N W MECHANICAL	139 NORTH 10TH STREET	2554 feet to the W	Closed Status Tank Test Failure
193		BEDFORD AVE/N 9TH ST	2619 feet to the W	Closed Status Spill (Unk/Other Cause)
194	125 NORTH 10TH ST	125 NORTH 10TH ST	2621 feet to the W	Closed Status Spill (Unk/Other Cause)
4	K - WYTHE AVE. STATION	WYTHE AVE., BERRY ST., N 12TH & 13TH ST	2834 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
8	K - WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	3567 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
10	BROOKLYN NORTH 1 GARAGE	50 KENT AVENUE	3858 feet to the WNW	NYSDEC Inactive Haz Waste Registry Qual.
13	K - WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	4095 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
15	KENT TERMINAL	KENT AVE. BETWEEN N.5TH & N.11TH ST.	4336 feet to the WNW	NYSDEC Inactive Haz Waste Registry Qual.
95	MANHOLE 4379	DRIGGS AVE&MANHATTAN AVE	1394 feet to the NW	Closed Status Spill (Unk/Other Cause)
96	**DRILL** TM 755 **DRILL**	**DRILL** DRIGGS AVE/MANHATTAN AV	1394 feet to the NW	Closed Status Spill (Unk/Other Cause)
46	AUTOMOTIVE HIGH SCHOOL - TTF	50 BEDFORD AVENUE	2065 feet to the NW	Closed Status Tank Test Failure
47	PS 610	50 BEDFORD AVENUE	2065 feet to the NW	Closed Status Tank Test Failure
151	MANHOLE 4376 AND BEDFORD	AVE AND LOROMIER AVE	2069 feet to the NW	Closed Status Spill (Unk/Other Cause)
152	MH 4374	NASSAU AV/LAURAMAR AV	2069 feet to the NW	Closed Status Spill (Unk/Other Cause)
172	19 NASSAU AVE./CORNER OF	19 NASSAU AVE	2392 feet to the NW	Closed Status Spill (Unk/Other Cause)
85	CONSTRUCTION SITE	474 LEONARD STREET	1018 feet to the NNW	Closed Status Spill (Unk/Other Cause)
25	JOHN HULEY	498 LEONARD ST	1245 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
44	BRUMAR SHEET METAL INC	498 LEONARD STREET	1245 feet to the NNW	Closed Status Tank Test Failure
23	COMMERCIAL PROPERTY TTF	498 LEONARD ST	1253 feet to the NNW	Active Tank Test Failure
101	BOGUMIL HOME	101 ECKFORD STREET	1555 feet to the NNW	Closed Status Spill (Unk/Other Cause)
126	606 MANHATTAN AVENUE	606 MANHATTAN AVENUE	1822 feet to the NNW	Closed Status Spill (Unk/Other Cause)
40	ADAMS DELI	112 NASSAU AVE	1951 feet to the NNW	Closed Status Tank Failure
140	DELI	112 NASSAU AVE	1951 feet to the NNW	Closed Status Spill (Unk/Other Cause)
31	99 CENT STORE (DOLLAR UP STORE)	640 MANHATTAN AVE	2164 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
161	MANHOLE #4382	640 MANHATTAN AVE	2164 feet to the NNW	Closed Status Spill (Unk/Other Cause)
186	680 MANHATTAN AVE	680 MANHATTAN AVE	2525 feet to the NNW	Closed Status Spill (Unk/Other Cause)
190		IFO 100 MAGUNIS BLVD	2572 feet to the NNW	Closed Status Spill (Unk/Other Cause)

Identified Toxic Sites by Category

**415 Manhattan Avenue
Brooklyn, NY 11222**

* Compass directions can vary substantially for sites located very close to the subject property address.

National Priority List (NPL) Sites --- Total Sites - 1			Database searched at 1 MILE - ASTM required search distance: 1 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	NYN000206282	NEWTOWN CREEK	SOUTH END OF IVY HILL ROAD	4730 feet to the ESE
NYSDEC Inactive Haz. Waste Disposal Site Registry --- Total Sites - 14			Database searched at 1 MILE - ASTM required search distance: 1 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
2	224005	CITY BARREL CO.	421-429 MEEKER STREET	198 feet to the ENE*
3	224016	BQE/ANSBACHER COLOR & DYE FACTORY	MEEKER AVENUE	2292 feet to the SW
4	224069	K - WYTHE AVE. STATION	WYTHE AVE., BERRY ST., N 12TH & 13TH ST	2834 feet to the WNW
5	224130	FORMER KLINK COSMO CLEANERS	364 RICHARDSON STREET	2857 feet to the E
6	224131	ACME STEEL/METAL WORKS	95 LOMBARDY STREET	3157 feet to the ENE
7	224129	FORMER SPIC AND SPAN CLEANERS AND DYERS, INC.	315 KINGSLAND AVENUE	3347 feet to the NNE
8	224055	K - WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	3567 feet to the WNW
9	224132	ACME STEEL/BRASS FOUNDRY	72 ANTHONY STREET	3641 feet to the ENE
11	224050	K - EQUITY WORKS	MASPETH AND VANDERVORT AVES.	3888 feet to the E
12	224013	MOBIL OIL BROOKLYN TERMINAL	300 N. HENRY ST.	3966 feet to the NNE
13	224055	K - WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	4095 feet to the WNW
16	241117	NEWTOWN CREEK	NEWTOWN CREEK (BETWEEN BROOKLYN AND QUEENS)	4730 feet to the ESE
17	224052	K - GREENPOINT MGP - ENERGY CENTER	287 MASPETH AVENUE	4763 feet to the ENE
18	224034	B.C.F. OIL REFINING, INC.	360-362 MASPETH AVENUE, SOUTHSIDE	4895 feet to the E
19	224067	K - SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSEROLE & MORGAN AVE.	5007 feet to the SE
Inactive Haz. Waste Disposal Site Registry Qualifying --- Total Sites - 3			Database searched at 1 MILE - ASTM required search distance: 1 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
10		BROOKLYN NORTH 1 GARAGE	50 KENT AVENUE	3858 feet to the WNW
14		CARBONA PRODUCTS	330 CALYER STREET	4147 feet to the N
15		KENT TERMINAL	KENT AVE. BETWEEN N.5TH & N.11TH ST.	4336 feet to the WNW
CERCLIS Superfund NFRAP Sites --- Total Sites - 1			Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
20	NYD068298835	CITY BARREL	421-429 MEEKER ST	198 feet to the ENE*
Active Tank Failures --- Total Sites - 1			Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
21	9703488	ENGINE CO. 229 FDNY -DDC	76 RICHARDSON STREET	558 feet to the WSW
Active Tank Test Failures --- Total Sites - 2			Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
22	9007766	MOBIL S/S #17-FX9	550 HUMBOLDT STREET	996 feet to the NE
23	1206982	COMMERCIAL PROPERTY TTF	498 LEONARD ST	1253 feet to the NNW
Active Haz Spills (Unknown Causes & Other Causes) --- Total Sites - 10			Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
24	1011266	SUNOCO SERVICE STATION	550 HUMBOLDT ST	988 feet to the NE
25	1205075	JOHN HULEY	498 LEONARD ST	1245 feet to the NNW
26	0750535	N 11TH STREET SIDEWALK	204-214 NORTH 11TH ST	1810 feet to the W
27	8908110	MOBIL	51 KINGSLAND AVE	1825 feet to the ESE
28	0703695	COMMERCIAL PROPERTY	454 DRIGGS AVE	1930 feet to the W

29	0503901	PROPERTY	55 ROEBLING ST	2084 feet to the WSW
30	0330060	WOLF PETROLEUM CORP	2 BUSHWICK AVENUE	2099 feet to the SE
31	0208256	99 CENT STORE (DOLLAR UP STORE)	640 MANHATTAN AVE	2164 feet to the NNW
32	0611495	169-175 NORTH 10TH STREET	169-175 NORTH 10TH STREET	2222 feet to the W
33	9502757	HESS-MERIT STATION 32522	810 METROPOLITAN AVENUE	2241 feet to the SE

Active Haz Spills (Miscellaneous Spill Causes) -- Total Sites - 2

MAP ID	FACILITY ID	FACILITY NAME
34	9103785	FEEDER 61
35	0808463	CONSTRUCTION SITE

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
MEEKER AVE & LEONARD ST	564 feet to the SW
95 BEDFORD AVE	2130 feet to the W

Closed Status Tank Failures -- Total Sites - 6

MAP ID	FACILITY ID	FACILITY NAME
36	0310672	GAS STATION
37	9312569	68 RICHARDSON STREET
38	0008335	UNKNOWN GAS STATION
39	0409577	RESIDENCE
40	0013080	ADAMS DELI
41	9909193	UNICO GAS STATION

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
392 LEONARD STREET	388 feet to the SW
68 RICHARDSON STREET	742 feet to the WSW
2 ROEBLING ST	1566 feet to the W
243 JACKSON STREET	1927 feet to the ESE
112 NASSAU AVE	1951 feet to the NNW
445 METROPOLITAN AVE	2523 feet to the SW

Closed Status Tank Test Failures -- Total Sites - 14

MAP ID	FACILITY ID	FACILITY NAME
42	0410348	UNITED AMBULETTE
43	9601530	64 FROST ST
44	0212132	BRUMAR SHEET METAL INC
45	8706710	CLOSED-LACKOF RECENT INFO
46	0900454	AUTOMOTIVE HIGH SCHOOL - TTF
47	0004062	PS 610
48	8900824	SHELL
49	9404715	810 METROPOLITAN AVE
50	0510292	BUSINESS
51	9515837	COOPER PARK -NYCHA
52	9515713	COOPER PARK HOUSING -NYCHA
53	9414384	COOPER PARK -NYCHA
54	9414271	COOPER PARK
55	0306649	F N W MECHANICAL

Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
495 GRAHAM AVE	523 feet to the NNE
64 FROST STREET	822 feet to the SW
498 LEONARD STREET	1245 feet to the NNW
275 NORTH 8TH ST.	1899 feet to the SW
50 BEDFORD AVENUE	2065 feet to the NW
50 BEDFORD AVENUE	2065 feet to the NW
2 BUSHWICK AVENUE	2099 feet to the SE
810 METROPOLITAN AVENUE	2241 feet to the SE
32 BEADEL STREET	2316 feet to the ENE
295 JACKSON ST	2357 feet to the E
295 JACKSON ST	2357 feet to the E
295 JACKSON ST	2357 feet to the E
295 JACKSON ST	2357 feet to the E
139 NORTH 10TH STREET	2554 feet to the W

Closed Status Spills (Unknown Causes & Other Causes) -- Total Sites - 141 Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile

MAP ID	FACILITY ID	FACILITY NAME
56	1011703	TRANSMISSION MANHOLE 71303
57	0008222	SERVICE BOX
58	0001500	MANHOLE (UNK #)
59	0408368	COMMERCIAL PROPERTY
60	9900802	
61	0610686	CONSTRUCTION SITE
62	9900576	VS 3971
63	1011113	INTERSECTION FROM MANHOLE 4917
64	0409303	COMMERCIAL LOT
65	0130048	COMMERCIAL LOT
66	9809496	CHLORINE FACTORY
67	0904192	MANHOLE 64805
68	0212488	59-65 FROST STREET
69	0507793	PAINT FACTORY

FACILITY STREET	DISTANCE & DIRECTION
MEEKER AND RICHARDSON ST	137 feet to the SE*
87 RICHARDSON ST	313 feet to the WSW
87 RICHARDSON ST	313 feet to the WSW
120 NEWTON AVENUE	373 feet to the N
392 LEONARD STREET	388 feet to the SW
392 LEONARD STREET	388 feet to the SW
BAYARD ST/LEONARD ST	407 feet to the W
MANHATTAN AVE AND FROST ST	413 feet to the SSE
407 LEONARD STREET/BAYARD	459 feet to the W
407 LEONARD ST	459 feet to the W
126 NEWTON ST	474 feet to the N
MEECKER AVE A DN FROST ST	564 feet to the SW
59-65 FROST STREET	730 feet to the SW
415 GRAHAM AVE	770 feet to the SE

70	0106834	704 LORIMER ST	704 LORIMER ST	825 feet to the WSW
71	9909588		354 LEONARD ST	852 feet to the SSW
72	9814583		354 LEONARD ST	852 feet to the SSW
73	0907892	INSIDE MCCARREN POOL	BAYARD AND LORIMER ST.	858 feet to the W
74	0911958	PRIVATE DWELLING	184 RICHARDSON STREET	861 feet to the E
75	0911853	SUMNER RESIDENCE	184 RICHARDSON ST	861 feet to the E
76	0505877	OLD PAINT FACTORY	133 JACKSON AVE	870 feet to the SSE
77	0501932	CONSTRUCTION SITE	133 JACKSON AVE	870 feet to the SSE
78	9902395	BRONX QUEENS EXPRESSWAY	EXIT 33 MCGUINNESS BLVD	872 feet to the ENE
79	9608808	BROOKLYN/QUEENS EXPWY	AND MCGINNIS BLVD	872 feet to the ENE
80	0308472	IN ROADWAY	BROOKLYN QUEENS EXPRESSWAY @ MCGUINNESS BLVD	872 feet to the ENE
81	9901924	MANHOLE 55946B	HUMBOLT ST MCGUINNESS ST	883 feet to the NE
82	0811948	RESIDENCE	684 LORIMER ST	929 feet to the SW
83	0710898	FORMER GAS	550 HUMBOLT ST	996 feet to the NE
84	0508671	MONITORING WELL	550 HUMBOLDT STREET	996 feet to the NE
85	0401691	CONSTRUCTION SITE	474 LEONARD STREET	1018 feet to the NNW
86	0508101	EXCAVATION	140 JACKSON STREET	1025 feet to the SSE
87	0705867	GREEN POINT CAR WASH, INC.	(AKA AUTOCLEAN CARWASH, INC.)	1028 feet to the N
88	0602810	CONSTRUCTION SITE	351 MANHATTAN AVE	1041 feet to the S
89	9909065	MANHOLE #53380	MEEKER AVE/WITHERS ST	1085 feet to the SW
90	0811473	RESIDENCE	381 GRAHAM AVE APT 2	1190 feet to the SSE
91	9414922	AMOCO STATION -MTBE	243 MEEKER AVENUE	1311 feet to the SW
92	1201151	UNDERGROUND	243 MEEKER AVE	1311 feet to the SW
93	0800508	ABANDONED BUCKET	9 RICHARDSON ST	1321 feet to the W
94	0911340	CONSTRUCTION/EXCAVATION SITE	568 UNION AVENUE	1378 feet to the WSW
95	9911825	MANHOLE 4379	DRIGGS AVE&MANHATTAN AVE	1394 feet to the NW
96	0002248	**DRILL** TM 755 **DRILL**	**DRILL** DRIGGS AVE/MANHATTAN AV	1394 feet to the NW
97	0106443	MANHOLE #TM 633	NEWELL ST & DRIGGS AV	1429 feet to the N
98	9704676	CORNOR OF CONSELYEA	MANHATTEN AVE	1450 feet to the S
99	9910471	MANHOLE #4900	NORTH 11TH ST/UNION AVE	1477 feet to the WSW
100	0601565	GAS STATION	116 CONSELYEA STREET	1506 feet to the S
101	0612279	BOGUMIL HOME	101 ECKFORD STREET	1555 feet to the NNW
102	0000373	GAS STATION	2 ROEBLING ST	1566 feet to the W
103	0713068	SCHOOL	320 MANHATTAN AVE.	1570 feet to the SSE
104	9812337	MANHOLE #4837	ROEBLING AVE/NORTH 11TH	1596 feet to the W
105	0701326	CONSTRUCTION SITE	ROEBLING STR/NORTH 11TH	1596 feet to the W
106	0608859	CONSTRUCTION SITE	NORTH 11TH ST & ROEBLING	1596 feet to the W
107	9910080	MANHOLE 4925	WITHERS ST/UNION AV	1615 feet to the WSW
108	9909108	MANHOLE 53375	WITHERS ST/ UNION AVE	1615 feet to the WSW
109	9608904	GAS STATION	25 SKILLMAN AVE	1652 feet to the SW
110	9111612	25 SKILLMAN AVE	25 SKILLMAN AVE	1652 feet to the SW
111	0612377	BETWEN NORTH 10 /11TH	ROEBLING	1685 feet to the W
112	9200714	30 SKILLMAN AVE	30 SKILLMAN AVE	1692 feet to the SSW
113	0514290	MANUFACTURING FACILITY	78 KINGSLAND AVE	1724 feet to the E
114	9912570	SERVICE BOX #12699	107 KINGSLAND AVE	1730 feet to the ENE
115	9910564	MANHOLE 4930	UNION AVE/JACKSON ST	1737 feet to the SW
116	9706969	MCGUINNESS AVE BETWEEN	NASSAU AVE DRIBBS AVE	1739 feet to the N
117	0706573	APPEARS THAT 20 GAL COOKING OIL	LEONARD ST & METROPOLITAN AVE	1747 feet to the S
118	0602498	WAREHOUSE	261 NORTH 9TH STREET	1767 feet to the WSW
119	0202473	MH 4927	HAVERMYER ST/N 9TH ST	1785 feet to the WSW
120	9000154	387 HUMBOLDT ST/BKLYN	387 HUMBOLDT STREET	1785 feet to the SE
121	0101039	RESIDENCE	41 NEWELL ST	1788 feet to the N
122	0613238	CONSTRUCTION SITE	ROEBLING STREET	1810 feet to the W

123	0612680	EXCAVATION	214 NORTH 11TH STREET	1810 feet to the W
124	0605974	EXCAVATION SITE	204-214 NORTH 11TH ST	1810 feet to the W
125	8604708	AMONIUM HYDROCHLORIDE SPI	215 N. 10TH ST	1814 feet to the W
126	9315136	606 MANHATTAN AVENUE	606 MANHATTAN AVENUE	1822 feet to the NNW
127	1204885	51 KINGLAND AVENUE	51 KINKGLAND AVE	1825 feet to the ESE
128	0504371	VS 5950	E SIDE KINGSLAND AVE/NEAR FROST ST	1838 feet to the E
129	0401647	VS5950 - VAULT	KINGSLAND AV/FROST ST	1838 feet to the E
130	0002006	KINGSLAND & FROST AVENUE -MTBE	KINGSLAND AVENUE	1838 feet to the E
131	9212899	625 HUMBOLDT STREET	625 HUMBOLDT STREET	1871 feet to the NNE
132	0613323	IN STREET	MEEKER AVE/ UNION AVE	1875 feet to the SW
133	9012712	104 KINGSLAND AVE/BKLYN	104 KINGSLAND AVENUE	1875 feet to the ENE
134	0801333	COMMERICAL VACANT LOT	235-239 N 9TH STREET	1882 feet to the WSW
135	9309647	44 NEWELL STREET	44 NEWELL STREET	1890 feet to the N
136	1113750	APARTMENT BLDG	243 JACKSON STREET	1901 feet to the ESE
137	0607434	BMT L LINE	LORIMER/METROPOLITIAN	1903 feet to the SSW
138	0002207	METROPOLITIAN AV AND	LORIMER ST	1903 feet to the SSW
139	9614038	DOUBLE GREEN	122 KINGSLAND AVENUE	1932 feet to the ENE
140	0013079	DELI	112 NASSAU AVE	1951 feet to the NNW
141	0609092	COMMERCIAL PROPERTY	200 NORTH 11TH STREET	1951 feet to the W
142	9903762	SANITATION COMPANY	244 SKILLMAN AVE	1986 feet to the ESE
143	9103684	18 DIVISION PL/BKLYN	18 DIVISION PLACE	1987 feet to the ENE
144	0109317	GOODMAN BROT STEEL DRUMS	18 DIVISION ST	1987 feet to the ENE
145	0109316	GOODMAN BROT STEEL DRUMS	18 DIVISION PL	1987 feet to the ENE
146	9902735	MANHOLE 16282	I FO 288 NO 8TH ST	2011 feet to the SW
147	0400590	CON ED VAULT #4233	JACKSON/KINGSLEY	2021 feet to the ESE
148	9502369	NYS DOT - BQE	KINGSLAND & MEEKER AVES	2022 feet to the NE
149	9901889	MANHOLE 4939	564 METROPOLATAIN AVE	2061 feet to the SSW
150	9203429	MONITOR ST & DRIGGS AVE	MONITOR ST & DRIGGS AVE	2062 feet to the NE
151	9914569	MANHOLE 4376 AND BEDFORD	AVE AND LOROMIER AVE	2069 feet to the NW
152	0007726	MH 4374	NASSAU AV/LAURAMAR AV	2069 feet to the NW
153	0608858	AUNT HEDDY'S BAKERY	234 NORTH 9TH STREET	2092 feet to the WSW
154	9110815	SHELL	2 BUSHWICK AVENUE	2099 feet to the SE
155	0708819	213 NORTH 9TH STREET	213-217 NORTH 9TH STREET	2102 feet to the W
156	9814654	SERVICE VS5743	BEADEL ST/DEBEVOISE ST	2107 feet to the ENE
157	9711671	105 BEDFORD AV	105 BEDFORD AVENUE	2130 feet to the W
158	1001766	NEW APT BLDG/FORMER PAINT FACTORY	95 BEDFORD AVENUE	2130 feet to the W
159	0707397	EIGHT GAL XFMR LEAK IN MANHOLE #1706	155 NORTH 11 ST (AT BEDFORD AVE).	2130 feet to the W
160	0006690	MH4940	LORIMER ST/DEVOE ST	2150 feet to the SSW
161	9911493	MANHOLE #4382	640 MANHATTAN AVE	2164 feet to the NNW
162	0508858	HYDRO TECH	170 NORTH 11TH STREET	2208 feet to the W
163	9814263	W OF ROBLING AV	N 8TH ST	2226 feet to the WSW
164	0004891	MAN HOLE #4934	UNION AVE / KEAP ST	2266 feet to the SSW
165	0000119	MH 225	AINSLIE ST/LEONARD ST	2269 feet to the S
166	0601688	VACANT LOT	165 NORTH 10TH ST	2280 feet to the W
167	9905189	I FO HOUSE	143 AINSLIE ST	2293 feet to the S
168	0706592	STAR SOAP AND CANDLE CO.	304 NORTH 7TH STREET	2303 feet to the SW
169	0706478	STAR SOAP AND CANDLE CO.	304 NORTH 7TH ST	2303 feet to the SW
170	0510912	310 N 7TH ST	310 N 7TH ST	2303 feet to the SW
171	0712729	VACANT/ COMMERCIAL	506 DRIGGS AVE	2367 feet to the W
172	8706359	19 NASSAU AVE./CORNER OF	19 NASSAU AVE	2392 feet to the NW
173	0412597	VAULT TM613	HUMBOLDT ST. AND NASSAU A	2420 feet to the N
174	0911638	CON EDISON MANHOLE 12371	53 DIVISON PLACE	2435 feet to the ENE
175	0700409	ONE QT OIL FOUND IN MANHOLE #2694	DEBEVOISE & JACKSON STREETS	2439 feet to the E

176	0008346	SERVICE BOX 12690	206 KINGSLAND AVE	2448 feet to the NE
177	9910034	MANHOLE 4935	MANHOLE 4935	2463 feet to the SSW
178	0702380	TRAFFIC ACCIDENT	MEEKER AVE/METROPOLITAN A	2471 feet to the SW
179	9800896	SUBWAY TRACKS-NYCT	257 NORTH 6TH ST	2471 feet to the WSW
180	9702730	CAMPBELL RESIDENCE	120 BEDFORD AVE	2473 feet to the W
181	9904275	LOT NEXT TO 583 DRIDGES	CRN DRIGGES AVE & 8TH	2481 feet to the WSW
182	9403707	MANHATTAN AVE & POWERS ST	MANHATTAN AVE / POWERS ST	2496 feet to the S
183	0406156	MANHOLE 63577	NASSAU AVE/RUSSELL ST	2517 feet to the NNE
184	0200410	MANHOLE #64589	RUSSELL & NASSAU ST	2517 feet to the NNE
185	9909344	GAS STATION	445 METROPOLITAN AVE	2523 feet to the SW
186	9415336	680 MANHATTAN AVE	680 MANHATTAN AVE	2525 feet to the NNW
187	9800933	433 UNION AVE	433 UNION AVE	2527 feet to the SSW
188	9812352	MANHOLE #56358	DIVISION PL/MORGAN AVE	2570 feet to the ENE
189	9809860	MH #16092	MORGAN AVE & DIVISION PL	2570 feet to the ENE
190	0013237		IFO 100 MAGUNIS BLVD	2572 feet to the NNW
191	9204995	535 MORGAN AVE	535 MORGAN AVE	2573 feet to the ENE
192	0100016	RESIDENCE	50 BUSHWICK AVE	2598 feet to the SE
193	0303594		BEDFORD AVE/N 9TH ST	2619 feet to the W
194	9902614	125 NORTH 10TH ST	125 NORTH 10TH ST	2621 feet to the W
195	9803138	GAS STATION	417 UNION AVE	2633 feet to the SSW
196	0205855	S & S PRINTING	488 MORGAN AVE	2639 feet to the ENE

Closed Status Spills (Miscellaneous Spill Causes) --- Total Sites -- 14

MAP ID	FACILITY ID	FACILITY NAME
197	0608057	BROOKLYN QUEENS EXPRESS
198	9608634	GELFAND RES.
199	0711236	INTERMASTER
200	9400072	375 MANHATTAN AVENUE
201	0007090	MCGUINNESS BLVD & BQE
202	8606018	43 HERBERT STREET,BKLYN/R
203	9811933	
204	8805035	APARTMENT BLDG
205	0107722	TM 640
206	9515443	522 METROPOLITAN AVE
207	8807632	810 METROPOLITAN AV/MERIT
208	8601471	NATIONAL DRUM
209	0201184	
210	0111362	

Database searched at 1/2 MILE -- ASTM required search distance: 1/2 Mile

FACILITY STREET	DISTANCE & DIRECTION
GRAHAM AVE EAST BOUND DIR	466 feet to the ENE
398 MANHATTAN AVE	468 feet to the SSE
387 MANHATTAN AVE	491 feet to the S
375 MANHATTAN AVENUE	620 feet to the S
MCGUINNESS BLVD & BQE	872 feet to the ENE
43 HERBERT ST	970 feet to the ENE
526 UNION AVE	1586 feet to the SW
677 METROPOLITAN AV	1609 feet to the S
HERBERT ST & KINGSLAND AVE	1822 feet to the ENE
522 METROPOLITAN AVE	2199 feet to the SSW
810 METROPOLITAN AVENUE	2241 feet to the SE
35 BEADEL STREET	2302 feet to the ENE
505 MORGAN AVE	2497 feet to the ENE
ANTHONY ST/MORGAN AVE	2639 feet to the ENE

Petroleum Bulk Storage Sites --- Total Sites -- 14

MAP ID	FACILITY ID	FACILITY NAME
211	2-090301	ISRAEL M DOLGIN ASSOC
212	NY05058	ISREAL M DOLGIN ASSC
213	2-510793	278 FUEL STOP, INC.
214	2-611136	A-I AUTO REPAIRS INC.
215	2-356476	JUNIOR HIGH SCHOOL 126 -- BROOKLYN
216	2-257958	D L BRENNER & SONS INC
217	2-610788	INTER MASTER CORP
218	NY03031	DAMATO SALES & SERVICES
219	2-069140	TRICO ELECTRICAL CORP.
220	2-600510	FDNY ENGINE 229 / LADDER 146
221	2-045799	MOBILE SYSTEMS UNIT
222	2-609713	ALL BORO

Database searched at 1/8 MILE -- ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
101 RICHARDSON STREET	197 feet to the WSW*
87 RICHARDSON ST	313 feet to the WSW
392 LEONARD STREET	386 feet to the SW
392 LEONARD STREET	386 feet to the SW
424 LEONARD STREET	433 feet to the NW
407 LEONARD ST	469 feet to the W
387 MANHATTAN AVE.	494 feet to the S
104 FROST ST	497 feet to the S
495 GRAHAM AVE	517 feet to the NNE
75 RICHARDSON STREET	548 feet to the WSW
75 FROST STREET	584 feet to the SW
391 LEONARD STREET	584 feet to the SW

223	NY04036	FRATELLI RICATTO	391 LEONARD ST	584 feet to the SW
224	NY02925	CREST BODY EQUIP CRP	72 BAYARD ST	595 feet to the W

Hazardous Waste Generators, Transporters -- Total Sites - 17

MAP ID	FACILITY ID	FACILITY NAME
225	NYP004043931	CONSOLIDATED EDISON
226	NYP004137071	CONSOLIDATED EDISON
227	NYP004203194	CONSOLIDATED EDISON
228	NYP004223194	CONSOLIDATED EDISON
229	NYR000155804	NYSDOT BIN 1065609
230	NYD068298835	CITY BARREL & DRUM CO INC
231	NYR000106922	NYC BOARD OF EDUCATION PS 126 K
232	NYP004153664	CONSOLIDATED EDISON
233	NYR000155788	NYSDOT BIN 106560A
234	NYR000155796	NYSDOT BIN 106560B
235	NYD986929677	GRAF AIR
236	NYR000040410	NYC FIRE DEPT ENGINE CO 229
237	NYP004029153	CONSOLIDATED EDISON
238	NYP004150322	CONSOLIDATED EDISON
239	NYP004185401	CONSOLIDATED EDISON
240	NYP000954487	NYCDEP
241	NYP003600826	NYCDEP

Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent

FACILITY STREET	DISTANCE & DIRECTION
MEEKER AVE & RICHARDSON	137 feet to the SE*
MEEKER & MANHATTAN MH64805	137 feet to the SE*
MEEKER-N-RICHARDSON	137 feet to the SE*
MEEKER & RICHARDSON	137 feet to the SE*
I-278 OVER MANHATTAN AVE	137 feet to the SE*
421 MEEKER AVE	190 feet to the ENE*
424 LEONARD ST	366 feet to the NW
BAYARD ST & LEONARD ST	407 feet to the W
I-278 EB OVER GRAHAM AVE	466 feet to the ENE
I-278 WB OVER GRAHAM AVE	466 feet to the ENE
407 LEONARD ST	477 feet to the WSW
75 RICHARDSON ST	551 feet to the WSW
MH64805-MEEKER AVE & FROST ST	564 feet to the SW
MEEKER AVE AND FROST ST	564 feet to the SW
MEEKER AVE & FROST ST - MH64805	564 feet to the SW
75 FROST ST	592 feet to the SW
75 FROST ST	592 feet to the SW

Hazardous Substance Waste Disposal Sites -- Total Sites - 1

MAP ID	FACILITY ID	FACILITY NAME
242		CITY BARREL

Database searched at 1/2 MILE - Non-ASTM Database

FACILITY STREET	DISTANCE & DIRECTION
421 MEEKER STREET	188 feet to the ENE*

Air Discharge Sites -- Total Sites - 1

MAP ID	FACILITY ID	FACILITY NAME
243	36047P0003	ELLI WOODWORKING INDUSTRIES

Database searched at 1/8 MILE - Non-ASTM Database

FACILITY STREET	DISTANCE & DIRECTION
121-125 NEWTON STREET	595 feet to the N

Civil & Administrative Enforcement Docket Sites -- Total Sites - 1

MAP ID	FACILITY ID	FACILITY NAME
244	NY0000379990	NYC BD OF ED - JUNIOR HIGH SCH

Database searched at 1/8 MILE - Non-ASTM Database

FACILITY STREET	DISTANCE & DIRECTION
424 LEONARD STREET	368 feet to the NNW

NYC Env. Quality Review - Env. Designation Sites -- Total Sites - 13

MAP ID	FACILITY ID	FACILITY NAME
245	E-138	BLOCK: 2723 LOT: 30
246	E-138	BLOCK: 2723 LOT: 29
247	E-138	BLOCK: 2723 LOT: 33
248	E-138	BLOCK: 2723 LOT: 36
249	E-138	BLOCK: 2723 LOT: 37
250	E-138	BLOCK: 2724 LOT: 1
251	E-138	BLOCK: 2724 LOT: 37
252	E-138	BLOCK: 2724 LOT: 7
253	E-138	BLOCK: 2724 LOT: 34
254	E-138	BLOCK: 2723 LOT: 38
255	E-138	BLOCK: 2724 LOT: 10
256	E-138	BLOCK: 2724 LOT: 33
257	E-138	BLOCK: 2724 LOT: 31

Database searched at 250 FT - ASTM required search distance: Onsite Only

FACILITY STREET	DISTANCE & DIRECTION
415 MANHATTAN AVENUE	0 feet
417 MANHATTAN AVENUE	26 feet to the NW*
391 MEEKER AVENUE	87 feet to the S*
113 RICHARDSON STREET	104 feet to the SW*
111 RICHARDSON STREET	123 feet to the SW*
411 MEEKER AVENUE	125 feet to the ENE*
417 MEEKER AVENUE	152 feet to the ENE*
430 MANHATTAN AVENUE	180 feet to the NNE*
419 MEEKER AVENUE	191 feet to the ENE*
101 RICHARDSON STREET	202 feet to the WSW
130 BAYARD STREET	217 feet to the NNE
MEEKER AVENUE	221 feet to the ENE
433 MEEKER AVENUE	247 feet to the ENE

Identified Toxic Sites by Proximity

415 Manhattan Avenue, Brooklyn, NY 11222

* Compass directions can vary substantially for sites located very close to the subject property address.

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
245	BLOCK: 2723 LOT: 30	415 MANHATTAN AVENUE	0 feet	NYC Env. Qual. Review-"E" Designation
246	BLOCK: 2723 LOT: 29	417 MANHATTAN AVENUE	26 feet to the NW*	NYC Env. Qual. Review-"E" Designation
247	BLOCK: 2723 LOT: 33	391 MEEKER AVENUE	87 feet to the S*	NYC Env. Qual. Review-"E" Designation
248	BLOCK: 2723 LOT: 36	113 RICHARDSON STREET	104 feet to the SW*	NYC Env. Qual. Review-"E" Designation
249	BLOCK: 2723 LOT: 37	111 RICHARDSON STREET	123 feet to the SW*	NYC Env. Qual. Review-"E" Designation
250	BLOCK: 2724 LOT: 1	411 MEEKER AVENUE	125 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
56	TRANSMISSION MANHOLE 71303	MEEKER AND RICHARDSON ST	137 feet to the SE*	Closed Status Spill (Unk/Other Cause)
225	CONSOLIDATED EDISON	MEEKER AVE & RICHARDSON	137 feet to the SE*	Hazardous Waste Generator/Transporter
226	CONSOLIDATED EDISON	MEEKER & MANHATTAN MH64805	137 feet to the SE*	Hazardous Waste Generator/Transporter
227	CONSOLIDATED EDISON	MEEKER-N-RICHARDSON	137 feet to the SE*	Hazardous Waste Generator/Transporter
228	CONSOLIDATED EDISON	MEEKER & RICHARDSON	137 feet to the SE*	Hazardous Waste Generator/Transporter
229	NYSDOT BIN 1065609	I-278 OVER MANHATTAN AVE	137 feet to the SE*	Hazardous Waste Generator/Transporter
251	BLOCK: 2724 LOT: 37	417 MEEKER AVENUE	152 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
252	BLOCK: 2724 LOT: 7	430 MANHATTAN AVENUE	180 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
242	CITY BARREL	421 MEEKER STREET	188 feet to the ENE*	Hazardous Substance Waste Disposal Site
230	CITY BARREL & DRUM CO INC	421 MEEKER AVE	190 feet to the ENE*	Hazardous Waste Generator/Transporter
253	BLOCK: 2724 LOT: 34	419 MEEKER AVENUE	191 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
211	ISRAEL M DOLGIN ASSOC	101 RICHARDSON STREET	197 feet to the WSW*	Petroleum Bulk Storage Site
2	CITY BARREL CO.	421-429 MEEKER STREET	198 feet to the ENE*	NYSDEC Inactive Haz Waste Disposal Site
20	CITY BARREL	421-429 MEEKER ST	198 feet to the ENE*	CERCLIS Superfund NFRAP Site
254	BLOCK: 2723 LOT: 38	101 RICHARDSON STREET	202 feet to the WSW	NYC Env. Qual. Review-"E" Designation
255	BLOCK: 2724 LOT: 10	130 BAYARD STREET	217 feet to the NNE	NYC Env. Qual. Review-"E" Designation
256	BLOCK: 2724 LOT: 33	MEEKER AVENUE	221 feet to the ENE	NYC Env. Qual. Review-"E" Designation
257	BLOCK: 2724 LOT: 31	433 MEEKER AVENUE	247 feet to the ENE	NYC Env. Qual. Review-"E" Designation
57	SERVICE BOX	87 RICHARDSON ST	313 feet to the WSW	Closed Status Spill (Unk/Other Cause)
58	MANHOLE (UNK #)	87 RICHARDSON ST	313 feet to the WSW	Closed Status Spill (Unk/Other Cause)
212	ISREAL M DOLGIN ASSC	87 RICHARDSON ST	313 feet to the WSW	Petroleum Bulk Storage Site
231	NYC BOARD OF EDUCATION PS 126 K	424 LEONARD ST	366 feet to the NW	Hazardous Waste Generator/Transporter
244	NYC BD OF ED - JUNIOR HIGH SCH	424 LEONARD STREET	368 feet to the NNW	Civil & Admin. Enforcement Docket Site
59	COMMERCIAL PROPERTY	120 NEWTON AVENUE	373 feet to the N	Closed Status Spill (Unk/Other Cause)
213	278 FUEL STOP, INC.	392 LEONARD STREET	386 feet to the SW	Petroleum Bulk Storage Site
214	A-I AUTO REPAIRS INC.	392 LEONARD STREET	386 feet to the SW	Petroleum Bulk Storage Site
36	GAS STATION	392 LEONARD STREET	388 feet to the SW	Closed Status Tank Failure
60		392 LEONARD STREET	388 feet to the SW	Closed Status Spill (Unk/Other Cause)
61	CONSTRUCTION SITE	392 LEONARD STREET	388 feet to the SW	Closed Status Spill (Unk/Other Cause)
62	VS 3971	BAYARD ST/LEONARD ST	407 feet to the W	Closed Status Spill (Unk/Other Cause)
232	CONSOLIDATED EDISON	BAYARD ST & LEONARD ST	407 feet to the W	Hazardous Waste Generator/Transporter
63	INTERSECTION FROM MANHOLE 4917	MANHATTAN AVE AND FROST ST	413 feet to the SSE	Closed Status Spill (Unk/Other Cause)
215	JUNIOR HIGH SCHOOL 126 - BROOKLYN	424 LEONARD STREET	433 feet to the NW	Petroleum Bulk Storage Site
64	COMMERCIAL LOT	407 LEONARD STREET/BAYARD	459 feet to the W	Closed Status Spill (Unk/Other Cause)
65	COMMERCIAL LOT	407 LEONARD ST	459 feet to the W	Closed Status Spill (Unk/Other Cause)
197	BROOKLYN QUEENS EXPRESS	GRAHAM AVE EAST BOUND DIR	466 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
233	NYSDOT BIN 106560A	I-278 EB OVER GRAHAM AVE	466 feet to the ENE	Hazardous Waste Generator/Transporter
234	NYSDOT BIN 106560B	I-278 WB OVER GRAHAM AVE	466 feet to the ENE	Hazardous Waste Generator/Transporter
198	GELFAND RES.	398 MANHATTAN AVE	468 feet to the SSE	Closed Status Spill (Misc. Spill Cause)

216	D L BRENNER & SONS INC	407 LEONARD ST	469 feet to the W	Petroleum Bulk Storage Site
66	CHLORINE FACTORY	126 NEWTON ST	474 feet to the N	Closed Status Spill (Unk/Other Cause)
235	GRAF AIR	407 LEONARD ST	477 feet to the WSW	Hazardous Waste Generator/Transporter
199	INTERMASTER	387 MANHATTAN AVE	491 feet to the S	Closed Status Spill (Misc. Spill Cause)
217	INTER MASTER CORP	387 MANHATTAN AVE.	494 feet to the S	Petroleum Bulk Storage Site
218	DAMATO SALES & SERVICES	104 FROST ST	497 feet to the S	Petroleum Bulk Storage Site
219	TRICO ELECTRICAL CORP.	495 GRAHAM AVE	517 feet to the NNE	Petroleum Bulk Storage Site
42	UNITED AMBULETTE	495 GRAHAM AVE	523 feet to the NNE	Closed Status Tank Test Failure
220	FDNY ENGINE 229 / LADDER 146	75 RICHARDSON STREET	548 feet to the WSW	Petroleum Bulk Storage Site
236	NYC FIRE DEPT ENGINE CO 229	75 RICHARDSON ST	551 feet to the WSW	Hazardous Waste Generator/Transporter
21	ENGINE CO. 229 FDNY –DDC	76 RICHARDSON STREET	558 feet to the WSW	Active Tank Failure
34	FEEDER 61	MEEKER AVE & LEONARD ST	564 feet to the SW	Active Haz Spill (Misc. Spill Cause)
67	MANHOLE 64805	MEECKER AVE A DN FROST ST	564 feet to the SW	Closed Status Spill (Unk/Other Cause)
237	CONSOLIDATED EDISON	MH64805–MEEKER AVE & FROST ST	564 feet to the SW	Hazardous Waste Generator/Transporter
238	CONSOLIDATED EDISON	MEEKER AVE AND FROST ST	564 feet to the SW	Hazardous Waste Generator/Transporter
239	CONSOLIDATED EDISON	MEEKER AVE & FROST ST – MH64805	564 feet to the SW	Hazardous Waste Generator/Transporter
221	MOBILE SYSTEMS UNIT	75 FROST STREET	584 feet to the SW	Petroleum Bulk Storage Site
222	ALL BORO	391 LEONARD STREET	584 feet to the SW	Petroleum Bulk Storage Site
223	FRATELLI RICATTO	391 LEONARD ST	584 feet to the SW	Petroleum Bulk Storage Site
240	NYCDEP	75 FROST ST	592 feet to the SW	Hazardous Waste Generator/Transporter
241	NYCDEP	75 FROST ST	592 feet to the SW	Hazardous Waste Generator/Transporter
224	CREST BODY EQUIP CRP	72 BAYARD ST	595 feet to the W	Petroleum Bulk Storage Site
243	ELLI WOODWORKING INDUSTRIES	121–125 NEWTON STREET	595 feet to the N	Air Discharge Site
200	375 MANHATTAN AVENUE	375 MANHATTAN AVENUE	620 feet to the S	Closed Status Spill (Misc. Spill Cause)
68	59–65 FROST STREET	59–65 FROST STREET	730 feet to the SW	Closed Status Spill (Unk/Other Cause)
37	68 RICHARDSON STREET	68 RICHARDSON STREET	742 feet to the WSW	Closed Status Tank Failure
69	PAINT FACTORY	415 GRAHAM AVE	770 feet to the SE	Closed Status Spill (Unk/Other Cause)
43	64 FROST ST	64 FROST STREET	822 feet to the SW	Closed Status Tank Test Failure
70	704 LORIMER ST	704 LORIMER ST	825 feet to the WSW	Closed Status Spill (Unk/Other Cause)
71		354 LEONARD ST	852 feet to the SSW	Closed Status Spill (Unk/Other Cause)
72		354 LEONARD ST	852 feet to the SSW	Closed Status Spill (Unk/Other Cause)
73	INSIDE MCCARREN POOL	BAYARD AND LORIMER ST.	858 feet to the W	Closed Status Spill (Unk/Other Cause)
74	PRIVATE DWELLING	184 RICHARDSON STREET	861 feet to the E	Closed Status Spill (Unk/Other Cause)
75	SUMNER RESIDENCE	184 RICHARDSON ST	861 feet to the E	Closed Status Spill (Unk/Other Cause)
76	OLD PAINT FACTORY	133 JACKSON AVE	870 feet to the SSE	Closed Status Spill (Unk/Other Cause)
77	CONSTRUCTION SITE	133 JACKSON AVE	870 feet to the SSE	Closed Status Spill (Unk/Other Cause)
78	BRONX QUEENS EXPRESSWAY	EXIT 33 MCGUINNESS BLVD	872 feet to the ENE	Closed Status Spill (Unk/Other Cause)
79	BROOKLYN/QUEENS EXPWY	AND MCGINNIS BLVD	872 feet to the ENE	Closed Status Spill (Unk/Other Cause)
80	IN ROADWAY	BROOKLYN QUEENS EXPRESSWAY @ MCGUINNESS BLVD	872 feet to the ENE	Closed Status Spill (Unk/Other Cause)
201	MCGUINNESS BLVD & BQE	MCGUINNESS BLVD & BQE	872 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
81	MANHOLE 55946B	HUMBOLT ST MCGUINNESS ST	883 feet to the NE	Closed Status Spill (Unk/Other Cause)
82	RESIDENCE	684 LORIMER ST	929 feet to the SW	Closed Status Spill (Unk/Other Cause)
202	43 HERBERT STREET,BKLYN/R	43 HERBERT ST	970 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
24	SUNOCO SERVICE STATION	550 HUMBOLDT ST	988 feet to the NE	Active Haz Spill (Unknown/Other Cause)
22	MOBIL S/S #17–FX9	550 HUMBOLDT STREET	996 feet to the NE	Active Tank Test Failure
83	FORMER GAS	550 HUMBOLDT ST	996 feet to the NE	Closed Status Spill (Unk/Other Cause)
84	MONITORING WELL	550 HUMBOLDT STREET	996 feet to the NE	Closed Status Spill (Unk/Other Cause)
85	CONSTRUCTION SITE	474 LEONARD STREET	1018 feet to the NNW	Closed Status Spill (Unk/Other Cause)
86	EXCAVATION	140 JACKSON STREET	1025 feet to the SSE	Closed Status Spill (Unk/Other Cause)
87	GREEN POINT CAR WASH, INC.	(AKA AUTOCLEAN CARWASH, INC.)	1028 feet to the N	Closed Status Spill (Unk/Other Cause)
88	CONSTRUCTION SITE	351 MANHATTAN AVE	1041 feet to the S	Closed Status Spill (Unk/Other Cause)
89	MANHOLE #53380	MEEKER AVE/WITHERS ST	1085 feet to the SW	Closed Status Spill (Unk/Other Cause)
90	RESIDENCE	381 GRAHAM AVE APT 2	1190 feet to the SSE	Closed Status Spill (Unk/Other Cause)

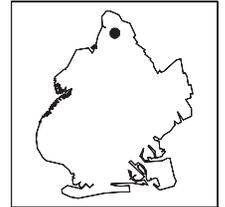
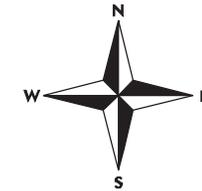
25	JOHN HULEY	498 LEONARD ST	1245 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
44	BRUMAR SHEET METAL INC	498 LEONARD STREET	1245 feet to the NNW	Closed Status Tank Test Failure
23	COMMERCIAL PROPERTY TTF	498 LEONARD ST	1253 feet to the NNW	Active Tank Test Failure
91	AMOCO STATION -MTBE	243 MEEKER AVENUE	1311 feet to the SW	Closed Status Spill (Unk/Other Cause)
92	UNDERGROUND	243 MEEKER AVE	1311 feet to the SW	Closed Status Spill (Unk/Other Cause)
93	ABANDONED BUCKET	9 RICHARDSON ST	1321 feet to the W	Closed Status Spill (Unk/Other Cause)
94	CONSTRUCTION/EXCAVATION SITE	568 UNION AVENUE	1378 feet to the WSW	Closed Status Spill (Unk/Other Cause)
95	MANHOLE 4379	DRIGGS AVE&MANHATTAN AVE	1394 feet to the NW	Closed Status Spill (Unk/Other Cause)
96	**DRILL** TM 755 **DRILL**	**DRILL** DRIGGS AVE/MANHATTAN AV	1394 feet to the NW	Closed Status Spill (Unk/Other Cause)
97	MANHOLE #TM 633	NEWELL ST & DRIGGS AV	1429 feet to the N	Closed Status Spill (Unk/Other Cause)
98	CORNOR OF CONSELYEA	MANHATTAN AVE	1450 feet to the S	Closed Status Spill (Unk/Other Cause)
99	MANHOLE #4900	NORTH 11TH ST/UNION AVE	1477 feet to the WSW	Closed Status Spill (Unk/Other Cause)
100	GAS STATION	116 CONSELYEA STREET	1506 feet to the S	Closed Status Spill (Unk/Other Cause)
101	BOGUMIL HOME	101 ECKFORD STREET	1555 feet to the NNW	Closed Status Spill (Unk/Other Cause)
38	UNKNOWN GAS STATION	2 ROEBLING ST	1566 feet to the W	Closed Status Tank Failure
102	GAS STATION	2 ROEBLING ST	1566 feet to the W	Closed Status Spill (Unk/Other Cause)
103	SCHOOL	320 MANHATTAN AVE.	1570 feet to the SSE	Closed Status Spill (Unk/Other Cause)
203		526 UNION AVE	1586 feet to the SW	Closed Status Spill (Misc. Spill Cause)
104	MANHOLE #4837	ROEBLING AVE/NORTH 11TH	1596 feet to the W	Closed Status Spill (Unk/Other Cause)
105	CONSTRUCTION SITE	ROEBLING STR/NORTH 11TH	1596 feet to the W	Closed Status Spill (Unk/Other Cause)
106	CONSTRUCTION SITE	NORTH 11TH ST & ROEBLING	1596 feet to the W	Closed Status Spill (Unk/Other Cause)
204	APARTMENT BLDG	677 METROPOLITAN AV	1609 feet to the S	Closed Status Spill (Misc. Spill Cause)
107	MANHOLE 4925	WITHERS ST/UNION AV	1615 feet to the WSW	Closed Status Spill (Unk/Other Cause)
108	MANHOLE 53375	WITHERS ST/ UNION AVE	1615 feet to the WSW	Closed Status Spill (Unk/Other Cause)
109	GAS STATION	25 SKILLMAN AVE	1652 feet to the SW	Closed Status Spill (Unk/Other Cause)
110	25 SKILLMAN AVE	25 SKILLMAN AVE	1652 feet to the SW	Closed Status Spill (Unk/Other Cause)
111	BETWEN NORTH 10 /11TH	ROEBLING	1685 feet to the W	Closed Status Spill (Unk/Other Cause)
112	30 SKILLMAN AVE	30 SKILLMAN AVE	1692 feet to the SSW	Closed Status Spill (Unk/Other Cause)
113	MANUFACTURING FACILITY	78 KINGSLAND AVE	1724 feet to the E	Closed Status Spill (Unk/Other Cause)
114	SERVICE BOX #12699	107 KINGSLAND AVE	1730 feet to the ENE	Closed Status Spill (Unk/Other Cause)
115	MANHOLE 4930	UNION AVE/JACKSON ST	1737 feet to the SW	Closed Status Spill (Unk/Other Cause)
116	MCGINNESS AVE BETWEEN	NASSAU AVE DRIBBS AVE	1739 feet to the N	Closed Status Spill (Unk/Other Cause)
117	APPEARS THAT 20 GAL COOKING OIL	LEONARD ST & METROPOLITAN AVE	1747 feet to the S	Closed Status Spill (Unk/Other Cause)
118	WAREHOUSE	261 NORTH 9TH STREET	1767 feet to the WSW	Closed Status Spill (Unk/Other Cause)
119	MH 4927	HAVERMYER ST/N 9TH ST	1785 feet to the WSW	Closed Status Spill (Unk/Other Cause)
120	387 HUMBOLDT ST/BKLYN	387 HUMBOLDT STREET	1785 feet to the SE	Closed Status Spill (Unk/Other Cause)
121	RESIDENCE	41 NEWELL ST	1788 feet to the N	Closed Status Spill (Unk/Other Cause)
26	N 11TH STREET SIDEWALK	204-214 NORTH 11TH ST	1810 feet to the W	Active Haz Spill (Unknown/Other Cause)
122	CONSTRUCTION SITE	ROEBLING STREET	1810 feet to the W	Closed Status Spill (Unk/Other Cause)
123	EXCAVATION	214 NORTH 11TH STREET	1810 feet to the W	Closed Status Spill (Unk/Other Cause)
124	EXCAVATION SITE	204-214 NORTH 11TH ST	1810 feet to the W	Closed Status Spill (Unk/Other Cause)
125	AMONIUM HYDROCHLORIDE SPI	215 N. 10TH ST	1814 feet to the W	Closed Status Spill (Unk/Other Cause)
126	606 MANHATTAN AVENUE	606 MANHATTAN AVENUE	1822 feet to the NNW	Closed Status Spill (Unk/Other Cause)
205	TM 640	HERBERT ST & KINGSLAND AVE	1822 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
27	MOBIL	51 KINGSLAND AVE	1825 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
127	51 KINGLAND AVENUE	51 KINKGLAND AVE	1825 feet to the ESE	Closed Status Spill (Unk/Other Cause)
128	VS 5950	E SIDE KINGSLAND AVE/NEAR FROST ST	1838 feet to the E	Closed Status Spill (Unk/Other Cause)
129	VS5950 - VAULT	KINGSLAND AV/FROST ST	1838 feet to the E	Closed Status Spill (Unk/Other Cause)
130	KINGSLAND & FROST AVENUE -MTBE	KINGSLAND AVENUE	1838 feet to the E	Closed Status Spill (Unk/Other Cause)
131	625 HUMBOLDT STREET	625 HUMBOLDT STREET	1871 feet to the NNE	Closed Status Spill (Unk/Other Cause)
132	IN STREET	MEEKER AVE/ UNION AVE	1875 feet to the SW	Closed Status Spill (Unk/Other Cause)
133	104 KINGSLAND AVE/BKLYN	104 KINGSLAND AVENUE	1875 feet to the ENE	Closed Status Spill (Unk/Other Cause)
134	COMMERICAL VACANT LOT	235-239 N 9TH STREET	1882 feet to the WSW	Closed Status Spill (Unk/Other Cause)

135	44 NEWELL STREET	44 NEWELL STREET	1890 feet to the N	Closed Status Spill (Unk/Other Cause)
45	CLOSED-LACKOF RECENT INFO	275 NORTH 8TH ST.	1899 feet to the SW	Closed Status Tank Test Failure
136	APARTMENT BLDG	243 JACKSON STREET	1901 feet to the ESE	Closed Status Spill (Unk/Other Cause)
137	BMT L LINE	LORIMER/METROPOLITIAN	1903 feet to the SSW	Closed Status Spill (Unk/Other Cause)
138	METROPOLITIAN AV AND	LORIMER ST	1903 feet to the SSW	Closed Status Spill (Unk/Other Cause)
39	RESIDENCE	243 JACKSON STREET	1927 feet to the ESE	Closed Status Tank Failure
28	COMMERCIAL PROPERTY	454 DRIGGS AVE	1930 feet to the W	Active Haz Spill (Unknown/Other Cause)
139	DOUBLE GREEN	122 KINGSLAND AVENUE	1932 feet to the ENE	Closed Status Spill (Unk/Other Cause)
40	ADAMS DELI	112 NASSAU AVE	1951 feet to the NNW	Closed Status Tank Failure
140	DELI	112 NASSAU AVE	1951 feet to the NNW	Closed Status Spill (Unk/Other Cause)
141	COMMERCIAL PROPERTY	200 NORTH 11TH STREET	1951 feet to the W	Closed Status Spill (Unk/Other Cause)
142	SANITATION COMPANY	244 SKILLMAN AVE	1986 feet to the ESE	Closed Status Spill (Unk/Other Cause)
143	18 DIVISION PL/BKLYN	18 DIVISION PLACE	1987 feet to the ENE	Closed Status Spill (Unk/Other Cause)
144	GOODMAN BROT STEEL DRUMS	18 DIVISION ST	1987 feet to the ENE	Closed Status Spill (Unk/Other Cause)
145	GOODMAN BROT STEEL DRUMS	18 DIVISION PL	1987 feet to the ENE	Closed Status Spill (Unk/Other Cause)
146	MANHOLE 16282	IFO 288 NO 8TH ST	2011 feet to the SW	Closed Status Spill (Unk/Other Cause)
147	CON ED VAULT #4233	JACKSON/KINGSLEY	2021 feet to the ESE	Closed Status Spill (Unk/Other Cause)
148	NYS DOT - BQE	KINGSLAND & MEEKER AVES	2022 feet to the NE	Closed Status Spill (Unk/Other Cause)
149	MANHOLE 4939	564 METROPOLITAIN AVE	2061 feet to the SSW	Closed Status Spill (Unk/Other Cause)
150	MONITOR ST & DRIGGS AVE	MONITOR ST & DRIGGS AVE	2062 feet to the NE	Closed Status Spill (Unk/Other Cause)
46	AUTOMOTIVE HIGH SCHOOL - TTF	50 BEDFORD AVENUE	2065 feet to the NW	Closed Status Tank Test Failure
47	PS 610	50 BEDFORD AVENUE	2065 feet to the NW	Closed Status Tank Test Failure
151	MANHOLE 4376 AND BEDFORD	AVE AND LOROMIER AVE	2069 feet to the NW	Closed Status Spill (Unk/Other Cause)
152	MH 4374	NASSAU AV/LAURAMAR AV	2069 feet to the NW	Closed Status Spill (Unk/Other Cause)
29	PROPERTY	55 ROEBLING ST	2084 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
153	AUNT HEDDY'S BAKERY	234 NORTH 9TH STREET	2092 feet to the WSW	Closed Status Spill (Unk/Other Cause)
30	WOLF PETROLEUM CORP	2 BUSHWICK AVENUE	2099 feet to the SE	Active Haz Spill (Unknown/Other Cause)
48	SHELL	2 BUSHWICK AVENUE	2099 feet to the SE	Closed Status Tank Test Failure
154	SHELL	2 BUSHWICK AVENUE	2099 feet to the SE	Closed Status Spill (Unk/Other Cause)
155	213 NORTH 9TH STREET	213-217 NORTH 9TH STREET	2102 feet to the W	Closed Status Spill (Unk/Other Cause)
156	SERVICE VS5743	BEADEL ST/DEBEVOISE ST	2107 feet to the ENE	Closed Status Spill (Unk/Other Cause)
35	CONSTRUCTION SITE	95 BEDFORD AVE	2130 feet to the W	Active Haz Spill (Misc. Spill Cause)
157	105 BEDFORD AV	105 BEDFORD AVENUE	2130 feet to the W	Closed Status Spill (Unk/Other Cause)
158	NEW APT BLDG/FORMER PAINT FACTORY	95 BEDFORD AVENUE	2130 feet to the W	Closed Status Spill (Unk/Other Cause)
159	EIGHT GAL XFMR LEAK IN MANHOLE #1706	155 NORTH 11 ST (AT BEDFORD AVE).	2130 feet to the W	Closed Status Spill (Unk/Other Cause)
160	MH4940	LORIMER ST/DEVOE ST	2150 feet to the SSW	Closed Status Spill (Unk/Other Cause)
31	99 CENT STORE (DOLLAR UP STORE)	640 MANHATTAN AVE	2164 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
161	MANHOLE #4382	640 MANHATTAN AVE	2164 feet to the NNW	Closed Status Spill (Unk/Other Cause)
206	522 METROPOLITAN AVE	522 METROPOLITAN AVE	2199 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
162	HYDRO TECH	170 NORTH 11TH STREET	2208 feet to the W	Closed Status Spill (Unk/Other Cause)
32	169-175 NORTH 10TH STREET	169-175 NORTH 10TH STREET	2222 feet to the W	Active Haz Spill (Unknown/Other Cause)
163	W OF ROBLING AV	N 8TH ST	2226 feet to the WSW	Closed Status Spill (Unk/Other Cause)
33	HESS-MERIT STATION 32522	810 METROPOLITAN AVENUE	2241 feet to the SE	Active Haz Spill (Unknown/Other Cause)
49	810 METROPOLITAN AVE	810 METROPOLITAN AVENUE	2241 feet to the SE	Closed Status Tank Test Failure
207	810 METROPOLITAN AV/MERIT	810 METROPOLITAN AVENUE	2241 feet to the SE	Closed Status Spill (Misc. Spill Cause)
164	MAN HOLE #4934	UNION AVE / KEAP ST	2266 feet to the SSW	Closed Status Spill (Unk/Other Cause)
165	MH 225	AINSLIE ST/LEONARD ST	2269 feet to the S	Closed Status Spill (Unk/Other Cause)
166	VACANT LOT	165 NORTH 10TH ST	2280 feet to the W	Closed Status Spill (Unk/Other Cause)
3	BQE/ANSBACHER COLOR & DYE FACTORY	MEEKER AVENUE	2292 feet to the SW	NYSDEC Inactive Haz Waste Disposal Site
167	IFO HOUSE	143 AINSLIE ST	2293 feet to the S	Closed Status Spill (Unk/Other Cause)
208	NATIONAL DRUM	35 BEADEL STREET	2302 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
168	STAR SOAP AND CANDLE CO.	304 NORTH 7TH STREET	2303 feet to the SW	Closed Status Spill (Unk/Other Cause)
169	STAR SOAP AND CANDLE CO.	304 NORTH 7TH ST	2303 feet to the SW	Closed Status Spill (Unk/Other Cause)

170	310 N 7TH ST	310 N 7TH ST	2303 feet to the SW	Closed Status Spill (Unk/Other Cause)
50	BUSINESS	32 BEADEL STREET	2316 feet to the ENE	Closed Status Tank Test Failure
51	COOPER PARK –NYCHA	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
52	COOPER PARK HOUSING –NYCHA	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
53	COOPER PARK –NYCHA	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
54	COOPER PARK	295 JACKSON ST	2357 feet to the E	Closed Status Tank Test Failure
171	VACANT/ COMMERCIAL	506 DRIGGS AVE	2367 feet to the W	Closed Status Spill (Unk/Other Cause)
172	19 NASSAU AVE./CORNER OF	19 NASSAU AVE	2392 feet to the NW	Closed Status Spill (Unk/Other Cause)
173	VAULT TM613	HUMBOLDT ST. AND NASSAU A	2420 feet to the N	Closed Status Spill (Unk/Other Cause)
174	CON EDISON MANHOLE 12371	53 DIVISION PLACE	2435 feet to the ENE	Closed Status Spill (Unk/Other Cause)
175	ONE QT OIL FOUND IN MANHOLE #2694	DEBEVOISE & JACKSON STREETS	2439 feet to the E	Closed Status Spill (Unk/Other Cause)
176	SERVICE BOX 12690	206 KINGSLAND AVE	2448 feet to the NE	Closed Status Spill (Unk/Other Cause)
177	MANHOLE 4935	MANHOLE 4935	2463 feet to the SSW	Closed Status Spill (Unk/Other Cause)
178	TRAFFIC ACCIDENT	MEEKER AVE/METROPOLITAN A	2471 feet to the SW	Closed Status Spill (Unk/Other Cause)
179	SUBWAY TRACKS–NYCT	257 NORTH 6TH ST	2471 feet to the WSW	Closed Status Spill (Unk/Other Cause)
180	CAMPBELL RESIDENCE	120 BEDFORD AVE	2473 feet to the W	Closed Status Spill (Unk/Other Cause)
181	LOT NEXT TO 583 DRIDGES	CRN DRIGGES AVE & 8TH	2481 feet to the WSW	Closed Status Spill (Unk/Other Cause)
182	MANHATTAN AVE & POWERS ST	MANHATTAN AVE / POWERS ST	2496 feet to the S	Closed Status Spill (Unk/Other Cause)
209		505 MORGAN AVE	2497 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
183	MANHOLE 63577	NASSAU AVE/RUSSELL ST	2517 feet to the NNE	Closed Status Spill (Unk/Other Cause)
184	MANHOLE #64589	RUSSELL & NASSAU ST	2517 feet to the NNE	Closed Status Spill (Unk/Other Cause)
41	UNICO GAS STATION	445 METROPOLITAN AVE	2523 feet to the SW	Closed Status Tank Failure
185	GAS STATION	445 METROPOLITAN AVE	2523 feet to the SW	Closed Status Spill (Unk/Other Cause)
186	680 MANHATTAN AVE	680 MANHATTAN AVE	2525 feet to the NNW	Closed Status Spill (Unk/Other Cause)
187	433 UNION AVE	433 UNION AVE	2527 feet to the SSW	Closed Status Spill (Unk/Other Cause)
55	F N W MECHANICAL	139 NORTH 10TH STREET	2554 feet to the W	Closed Status Tank Test Failure
188	MANHOLE #56358	DIVISION PL/MORGAN AVE	2570 feet to the ENE	Closed Status Spill (Unk/Other Cause)
189	MH #16092	MORGAN AVE & DIVISION PL	2570 feet to the ENE	Closed Status Spill (Unk/Other Cause)
190		IFO 100 MAGUNIS BLVD	2572 feet to the NNW	Closed Status Spill (Unk/Other Cause)
191	535 MORGAN AVE	535 MORGAN AVE	2573 feet to the ENE	Closed Status Spill (Unk/Other Cause)
192	RESIDENCE	50 BUSHWICK AVE	2598 feet to the SE	Closed Status Spill (Unk/Other Cause)
193		BEDFORD AVE/N 9TH ST	2619 feet to the W	Closed Status Spill (Unk/Other Cause)
194	125 NORTH 10TH ST	125 NORTH 10TH ST	2621 feet to the W	Closed Status Spill (Unk/Other Cause)
195	GAS STATION	417 UNION AVE	2633 feet to the SSW	Closed Status Spill (Unk/Other Cause)
196	S & S PRINTING	488 MORGAN AVE	2639 feet to the ENE	Closed Status Spill (Unk/Other Cause)
210		ANTHONY ST/MORGAN AVE	2639 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
4	K – WYTHE AVE. STATION	WYTHE AVE., BERRY ST., N 12TH & 13TH ST	2834 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
5	FORMER KLINK COSMO CLEANERS	364 RICHARDSON STREET	2857 feet to the E	NYSDEC Inactive Haz Waste Disposal Site
6	ACME STEEL/METAL WORKS	95 LOMBARDY STREET	3157 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
7	FORMER SPIC AND SPAN CLEANERS AND DYERS, INC.	315 KINGSLAND AVENUE	3347 feet to the NNE	NYSDEC Inactive Haz Waste Disposal Site
8	K – WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	3567 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
9	ACME STEEL/BRASS FOUNDRY	72 ANTHONY STREET	3641 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
10	BROOKLYN NORTH 1 GARAGE	50 KENT AVENUE	3858 feet to the WNW	NYSDEC Inactive Haz Waste Registry Qual.
11	K – EQUITY WORKS	MASPETH AND VANDERVORT AVES.	3888 feet to the E	NYSDEC Inactive Haz Waste Disposal Site
12	MOBIL OIL BROOKLYN TERMINAL	300 N. HENRY ST.	3966 feet to the NNE	NYSDEC Inactive Haz Waste Disposal Site
13	K – WILLIAMSBURG WORKS	KENT AVE & 12TH STREET	4095 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
14	CARBONA PRODUCTS	330 CALYER STREET	4147 feet to the N	NYSDEC Inactive Haz Waste Registry Qual.
15	KENT TERMINAL	KENT AVE. BETWEEN N.5TH & N.11TH ST.	4336 feet to the WNW	NYSDEC Inactive Haz Waste Registry Qual.
1	NEWTOWN CREEK	SOUTH END OF IVY HILL ROAD	4730 feet to the ESE	National Priority List(NPL) Site
16	NEWTOWN CREEK	NEWTOWN CREEK (BETWEEN BROOKLYN AND QUEENS)	4730 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site
17	K – GREENPOINT MGP – ENERGY CENTER	287 MASPETH AVENUE	4763 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
18	B.C.F. OIL REFINING, INC.	360–362 MASPETH AVENUE, SOUTHSIDE	4895 feet to the E	NYSDEC Inactive Haz Waste Disposal Site
19	K – SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSEROLE & MORGAN AVES	5007 feet to the SE	NYSDEC Inactive Haz Waste Disposal Site

Toxics Targeting 1 Mile Radius Map

415 Manhattan Avenue
Brooklyn, NY 11222



Kings County



National Priority List (NPL)



Inactive Hazardous Waste Disposal Registry Site



Inact. Haz Waste Disp. Registry Qualifying



RCRA Corrective Action Facility



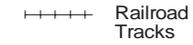
Site Location



Waterbody



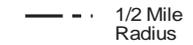
County Border



Railroad Tracks



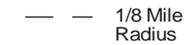
1 Mile Radius



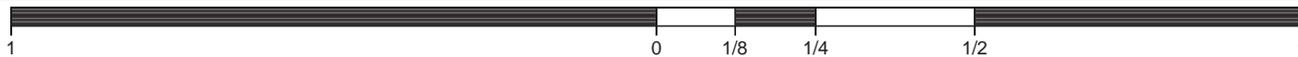
1/2 Mile Radius



1/4 Mile Radius



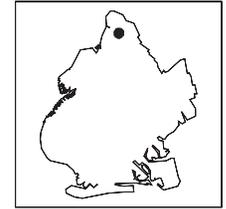
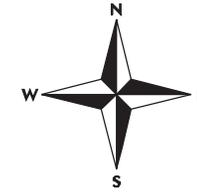
1/8 Mile Radius



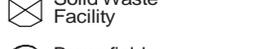
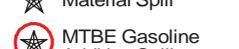
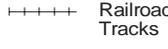
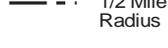
Distance in Miles

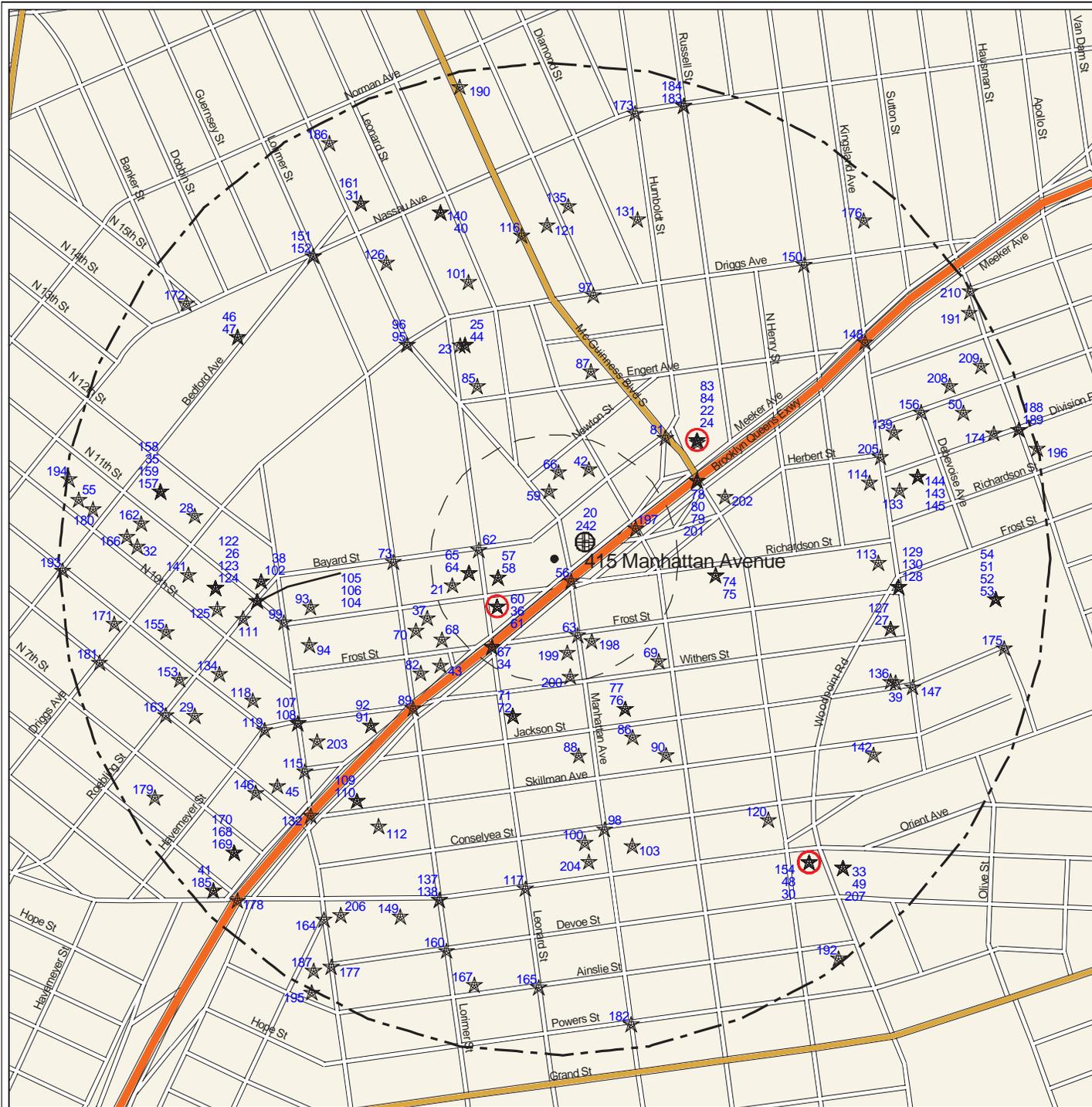
Toxics Targeting 1/2 Mile Radius Map

415 Manhattan Avenue
Brooklyn, NY 11222



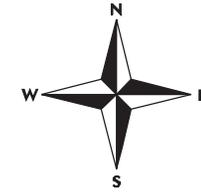
Kings County

-  Delisted NPL Site
-  CERCLIS Superfund Non-NFRAP Site
-  CERCLIS Superfund NFRAP Site
-  Hazardous Waste Treater, Storer, Disposer
-  Hazardous Substance Waste Disposal Site
-  Solid Waste Facility
-  Brownfields Site
-  Hazardous Material Spill
-  MTBE Gasoline Additive Spill
-  Site Location
-  Waterbody
-  County Border
-  1 Mile Radius
-  1/2 Mile Radius
-  Railroad Tracks
-  1/2 Mile Radius
-  1/8 Mile Radius



Toxics Targeting 1/8 Mile Radius Map

415 Manhattan Avenue
Brooklyn, NY 11222

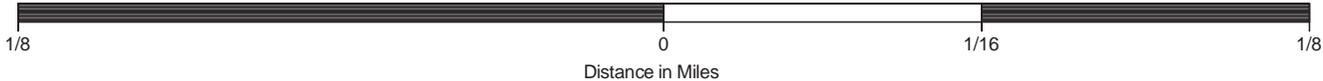


Kings County



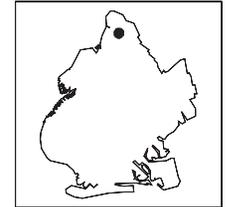
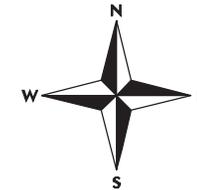
- Major Oil Storage Facility
- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Petroleum Bulk Storage Facility
- Historic Utility Site

- Site Location
- County Border
- 1/8 Mile Radius
- Waterbody
- Railroad Tracks
- 250 Foot Radius



Toxics Targeting 1/8 Mile Closeup Map

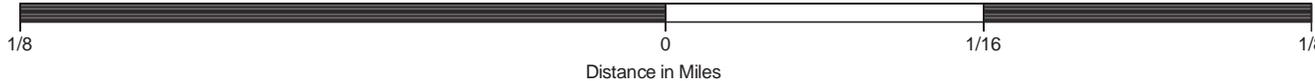
415 Manhattan Avenue
Brooklyn, NY 11222



Kings County



- | | |
|---|--|
| National Priority List (NPL) * | Delisted NPL Site ** |
| CERCLIS Superfund Non-NFRAP Site ** | CERCLIS Superfund NFRAP Site ** |
| Inactive Hazardous Waste Disposal Registry Site * | Inact. Haz Waste Disp. Registry Qualifying * |
| Hazardous Waste Treater, Storer, Disposer ** | RCRA Corrective Action Facility * |
| Hazardous Substance Waste Disposal Site ** | Solid Waste Facility ** |
| Major Oil Storage Facility **** | Brownfields Site ** |
| Chemical Storage Facility **** | Hazardous Material Spill ** |
| Toxic Release **** | MTBE Gasoline Additive Spill ** |
| Wastewater Discharge **** | Petroleum Bulk Storage Facility **** |
| Hazardous Waste Generator, Transp. **** | Historic Utility Site **** |
| Enforcement Docket Facility **** | Air Release **** |
| Env Qual Review E Designation ***** | Remediation Site Borders |
| Site Location | Waterbody |
| County Border | Railroad Tracks |
| 1/8 Mile Radius | 250 Foot Radius |

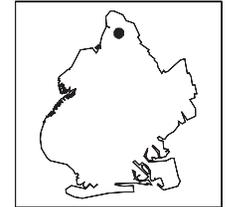
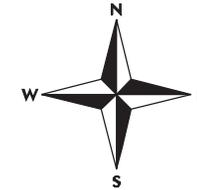


* 1 Mile Search Radius
**** 1/8 Mile Search Radius

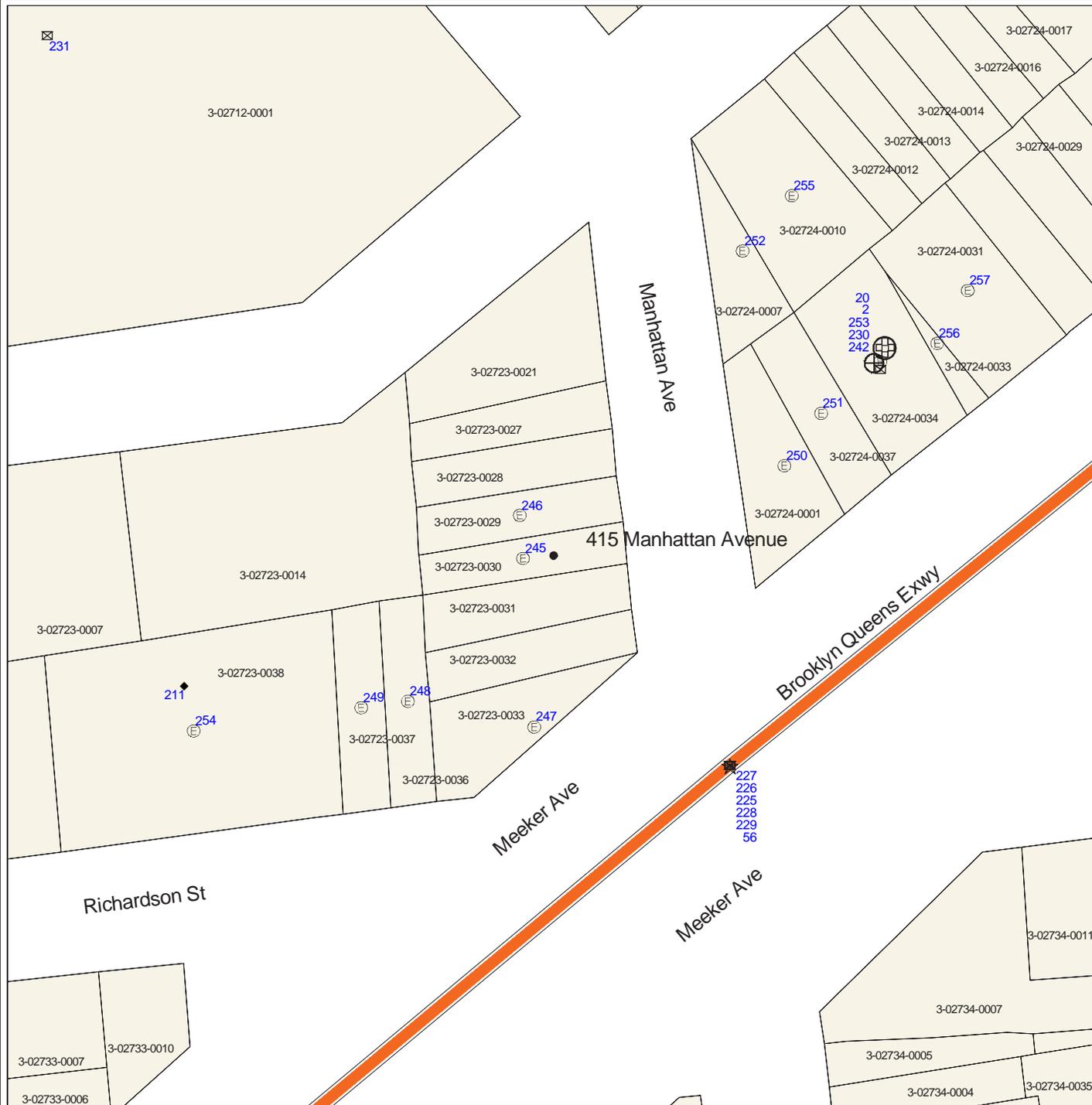
** 1/2 Mile Search Radius
***** Onsite Search (250 Ft)

Toxics Targeting Tax Parcel Map

415 Manhattan Avenue
Brooklyn, NY 11222



Kings County



- | | |
|---|--|
| National Priority List (NPL) | Delisted NPL Site |
| CERCLIS Superfund Non-NFRAP Site | CERCLIS Superfund NFRAP Site |
| Inactive Hazardous Waste Disposal Registry Site | Inact. Haz Waste Disp. Registry Qualifying |
| Hazardous Waste Treater, Storer, Disposer | RCRA Corrective Action Facility |
| Hazardous Substance Waste Disposal Site | Solid Waste Facility |
| Major Oil Storage Facility | Brownfields Site |
| Chemical Storage Facility | Hazardous Material Spill |
| Toxic Release | MTBE Gasoline Additive Spill |
| Wastewater Discharge | Petroleum Bulk Storage Facility |
| Hazardous Waste Generator, Transp. | Historic Utility Site |
| Enforcement Docket Facility | Air Release |
| Env Qual Review E Designation | Remediation Site Borders |
| Site Location | Waterbody |
| County Border | Railroad Tracks |

Tax Parcel Information Table

**415 Manhattan Avenue
Brooklyn, NY 11222**

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-02723-0030	415 MANHATTAN AVENUE	415 MANHATTAN AVE, CO	M1-1(R6)	B9	1	1920	9331	2500

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-02712-0001	438 LEONARD STREET	JOINTLY OWNED PLAYGRO	R6(M1-1)	W1	1	1966	630000	131700
3-02719-0001	120 NEWTON STREET	120 NEWTON STREET LLC	R6(M1-1)	E9	1	1920	64800	5993
3-02723-0001	87 RICHARDSON STREET	ISRAEL M. DOLGIN ASSO	M1-1(R6)	F4	1	1930	427950	10000
3-02723-0007	100 BAYARD STREET	WELNER, DAVID C	M1-1(R6)	E3	1	1986	268650	14422
3-02723-0014	106 BAYARD STREET	CHANA LLC	M1-1(R6)	E3	1	1969	318600	15440
3-02723-0021	423 MANHATTAN AVENUE	CHANA LLC	M1-1(R6)	E3	2	1950	96390	5376
3-02723-0027	421 MANHATTAN AVENUE	CHANA LLC	M1-1(R6)	E3	1	1986	40995	2500
3-02723-0028	419 MANHATTAN AVENUE	ANDREW ARTISTIC DISTR	M1-1(R6)	F4	1	1940	42390	2500
3-02723-0029	417 MANHATTAN AVENUE	MANHATTAN AVE. GROUP,	M1-1(R6)	G2	1	1930	40365	2500
3-02723-0031	413 MANHATTAN AVENUE	ABAT REALTY, INC	M1-1(R6)	E4	1	1950	40005	2500
3-02723-0032	411 MANHATTAN AVENUE	KAY AND KAY REALTY LL	M1-1(R6)	C2	1	1928	39941	2500
3-02723-0033	391 MEEKER AVENUE	KEVINM. SCARLON	M1-1(R6)	G2	1	1930	36090	2958
3-02723-0036	113 RICHARDSON STREET	RONALD MARIANI	M1-1(R6)	E9	1	1910	32760	2500
3-02723-0037	111 RICHARDSON STREET	ISMAIL LIKA	M1-1(R6)	C2	1	1928	31328	2500
3-02723-0038	101 RICHARDSON STREET	ISRAEL M. DOLGIN ASSO	M1-1(R6)	F4	3	1930	148950	15000
3-02724-0001	411 MEEKER AVENUE	ANTHONY M TETRO	M1-1(R6)	S9	2	1920	39366	3715
3-02724-0007	430 MANHATTAN AVENUE	KEVIN SCANLON	M1-1(R6)	G2	1	1920	38790	2350
3-02724-0010	130 BAYARD STREET	BAYARD ASSOCIATES LLC	M1-1(R6)	E9	1	1987	108450	5500
3-02724-0012	134 BAYARD STREET	MARTINE KACZYNSKI	M1-1(R6)	E9	1	1920	34470	1950
3-02724-0013	136 BAYARD STREET	R HILBURGER	M1-1(R6)	B9	1	1899	9072	1950
3-02724-0014	138 BAYARD STREET	LOSIM REALTY CORP	M1-1(R6)	E3	1	1920	38385	1950
3-02724-0015	140 BAYARD STREET	ZIMMERMAN, DANUTA	M1-1(R6)	B9	1	1899	11290	1950
3-02724-0016	142 BAYARD STREET	MALGORZATA TOKARSKI	M1-1(R6)	B9	1	1899	8500	1950
3-02724-0017	144 BAYARD STREET	CHATENARINE JOSEPH	M1-1(R6)	B9	1	1899	9537	1950
3-02724-0018	146 BAYARD STREET	F CLARK	M1-1(R6)	F4	1	1969	70650	8800
3-02724-0025	447 MEEKER AVENUE	CAVALLO ANGELO	M1-1(R6)	C0	1	1920	12026	2533
3-02724-0027	445 MEEKER AVENUE	ANTHONY PASTINO	M1-1(R6)	C0	1	1920	11197	2500
3-02724-0028	441 MEEKER AVENUE	SASSANO, ANTONETTE	M1-1(R6)	C0	1	1920	11197	2500
3-02724-0029	439 MEEKER AVENUE	P GIGLIO	M1-1(R6)	C2	2	1928	46619	2500
3-02724-0030	435 MEEKER AVENUE	ANITA VOLPE SEIDMAN	M1-1(R6)	B9	1	1920	9866	2500
3-02724-0031	433 MEEKER AVENUE	ANITA VOLPE SEIDMAN	M1-1(R6)	E9	1	1910	41850	5000
3-02724-0033	MEEKER AVENUE	ANITA VOLPE SEIDMAN	M1-1(R6)	V1	0		3614	590
3-02724-0034	419 MEEKER AVENUE	STACEY SCANLON	M1-1(R6)	E9	3	1900	50400	4995
3-02724-0037	417 MEEKER AVENUE	54 18 43RD REALTY COR	M1-1(R6)	G7	1	2002	85725	3120
3-02733-0006	390 LEONARD STREET	JULIA ZOLOTOVA	M1-1(R6)	B2	1	1899	6652	2500
3-02733-0007	392 LEONARD STREET	SHTAERMAN DIMITRI	M1-1(R6)	G7	1	1940	64350	5000
3-02733-0010	100 RICHARDSON STREET	ROMENSKY WALTER	M1-1(R6)	Z9	0		108900	2823
3-02733-0025	MANHATTAN AVENUE	SAM MAYO*MARY MAYO	C8-1	V2	0		864	560

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-02734-0003	404 MANHATTAN AVENUE	NICOLA ROZZA	C8-1	B9	2	1899	12986	2500
3-02734-0004	406 MANHATTAN AVENUE	LACCONE, PATRICK	C8-1	F9	1	1930	38205	2300
3-02734-0005	408 MANHATTAN AVENUE	PATRICK & ROSE LACCON	C8-1	F4	1	1930	26820	1700
3-02734-0007	402 MEEKER AVENUE	RUSSIN ROBERT MARGARE	C8-1	E3	1	1970	166950	7960
3-02734-0011	136 RICHARDSON STREET	TROCCHIA ANTONIO	C8-1	G2	1	1950	53100	3395
3-02734-0035	137 FROST STREET	ANDREAS BALALIS	C8-1	E9	1	1995	160200	7700
3-02734-0038	FROST STREET	FRISCEM M	C8-1	V1	0		2376	370

Section Two: Toxic Site Profiles

The heading of each *Toxic Site Profile* refers to the site's map location and details:

- The facility name, address, city, state, and zip code.
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see *How Sites are Located*, at the end of this section for more information).

Toxic Site Profiles summarize information provided by site owners or operators and government agencies regarding various toxic chemical activities reported at each site, such as:

- Whether chemicals were stored, produced, transported, discharged or disposed of.
- The name of chemicals and their Chemical Abstract Series (CAS) numbers.
- The amount of chemicals and the units (gallons/pounds) the chemical was measured in.
- Whether the site or storage tanks at the site are currently active or inactive.
- Special codes used by government agencies to regulate hazardous waste activities at some sites, or a complete description of the codes follows the profiles section.

For selected individual chemicals reported at various toxic sites, some potential health effect summary information appears below the site profile. Each potential health effect summary identifies chemicals by name and by Chemical Abstract Series (CAS) Number. An "x" under each potential health effect heading indicates positive toxicity testing results reported by the National Institute of Occupational Safety and Health's Registry of Toxic Effects of Chemical Substances (RTECS). Some chemicals (mostly appearing in profiles of Hazardous Waste facilities), are reported as mixtures, and RTECS health effect information is only available for individual chemicals. In addition, RTECS only provides information on approximately 100,000 common chemicals. Consequently, the absence of potential health effect summary information for a particular chemical identified in a Toxic Site Profile does not necessarily mean that the chemical does not pose potential health effects.

The Maximum Contaminant Level (MCL) in drinking water allowed for selected chemicals is also noted. In most cases, the only applicable MCL has been set by the New York State Department of Health (NYSDOH). Where NYSDOH has not set an MCL, the federal standard, if one exists, is listed and is marked by an asterisk.

Presented below are column headings that describe the health effect definitions used in RTECS and applicable New York State and federal drinking water standards. Reference sources for information presented in this section are also provided.

ACUTE TOX: **Acute Toxicity:** Short-term exposure to this chemical can cause lethal and non-lethal toxicity effects not included in the following four categories.

TUMOR TOX: **Tumorigenic Toxicity:** The chemical can cause an increase in the incidence of tumors.

MUTAG TOX: **Mutagenic Toxicity:** The chemical can cause genetic alterations that are passed from one generation to the next.

REPRO TOX: **Reproductive Toxicity:** May signify one of the following effects: maternal effects, paternal effects, effects on fertility, effects on the embryo or fetus, specific developmental abnormalities, tumorigenic effects, or effects on the newborn (only positive reproductive effects data for mammalian species are referenced).

IRRIT TOX: **Primary Irritant:** The chemical can cause eye or skin irritation.

MCL: **Drinking Water Standard - Maximum Contaminant Level (MCL)** listed under Drinking Water Supplies, 10 NYCRR Part 5, Subparts 1.51(f),(g), and (h) for NYDOH MCL's and under the Safe Drinking Water Act, 40 CFR 141, Subparts B and G, (* indicates value for total trihalomethanes) for federal MCL's.

Reference Source for Toxicity Information: Registry of Toxic Effects of Chemical Substances (RTECS), NIOSH (on-line database); For further information, contact: NIOSH, 4676 Columbia Parkway, Cincinnati, OH, 45226, 800/35-NIOSH.

Reference Source for Drinking Water Standards: New York State Department of Health, Bureau of Toxic Substances Assessment, 2 University Place, Room 240, Albany, NY 12203, 518/458-6373.

U.S. Environmental Protection Agency, Office of Drinking Water, 401 M St SW, Mailstop WH-556, Washington, DC, 20460, 202/260-5700.

Inactive Hazardous Waste Disposal Site Classifications:

- 1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;
- 2 -- Significant threat to the public health or environment -- action required;
- 3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;
- 4 -- Site properly closed --requires continued management;
- 5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;
- 2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law;
- A -- Work underway and not yet complete;
- P -- Potential Site;
- D₁, 2, 3 -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed);
- C -- Remediation Complete (formerly D2).



**NATIONAL PRIORITIES LIST (NPL) SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS
NO DELISTED NPL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS**

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 1



NEWTOWN CREEK

SOUTH END OF IVY HILL ROAD

BROOKLYN, QUEENS, NY 11222

EPA Facility Id: NYN000206282

TT-Id: 100A-0006-584

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE – LARGE SITE

Approximate distance from property: 4730 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code:

Newtown Creek

New York

EPA ID#: NYN000206282

EPA REGION 2

Congressional District(s): 12,14

Queens, Kings Counties

NPL LISTING HISTORY

Proposed Date: 9/23/2009

Final Date: 9/29/2010

Site Description

Newtown Creek is a 3.8-mile long tidal water body located in the City of New York, having five principal tributaries (Dutch Creek, Whale Creek, Maspeth Creek, East Branch and English Kills) and is itself a tributary of the East River. The creek is a part of the New York ~ New Jersey Harbor Estuary that forms the north-south border between the New York City boroughs of Brooklyn and Queens. In the mid 1800s, the area adjacent to the 3.8 mile Newtown Creek was one of the busiest hubs of industrial activity in New York City. More than 50 refineries were located along its banks, including oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. The creek was crowded with commercial vessels, including large boats bringing in raw materials and fuel and taking out oil, chemicals and metals. In addition to the industrial pollution that resulted from all of this activity, the city began dumping raw sewage directly into the water in 1856. During World War II, the creek was one of the busiest ports in the nation. Currently, factories and facilities still operate along the creek. Various contaminated sites along the creek have contributed to the contamination at Newtown Creek. Many businesses along Newtown Creek still operate without city-provided sewer services.

Water flow into Newtown Creek currently consists mostly of storm water runoff, combined sewer overflows (CSO), and discharges from permitted and unpermitted pollution sources. The creek rises and falls with the tide, but it is mostly

stagnant. Newtown Creek is a navigable waterway under the jurisdiction of the Coast Guard, and the channel must be maintained for shipping purposes.

Various sediment and surface water samples have been taken along the creek. Hazardous substances, including pesticides, metals, PCBs, and volatile organic compounds (VOCs), have been detected at the creek. The New York City Department of Environmental Protection has sampled sediment and surface water at a number of locations in creek sediments since 1980. Investigations and remediation under state or federal programs have also been conducted at properties adjacent to the creek to abate continued discharges of pollution to the creek from those facilities.

The majority of the upland area bordering Newtown Creek is within one of three Industrial Business Zones of the City of New York, and the majority of Newtown Creek has also been designated by the City of New York as one of the City's six Significant Maritime and Industrial Areas. However, the creek is also currently used occasionally for recreational purposes by kayakers and there is fishing access along the banks.

Threat and Contaminants

EPA conducted an Expanded Site Investigation (ESI) of Newtown Creek in 2009 as part of the Hazard Ranking System scoring process for NPL listing under Superfund. Based on the ESI, which was focused on Newtown Creek itself and not its tributaries, EPA concluded that metals, volatile organic compounds, and semi-volatile organic compounds (including polycyclic aromatic hydrocarbons and polychlorinated biphenyls) were present in Creek sediments at elevated concentrations. The variety and distribution of the detected contaminants suggests that they originated from a variety of sources. Previous environmental investigations of Newtown Creek, or specific portions of the Creek, also disclosed that sediments in Newtown Creek are contaminated by a wide variety of hazardous substances. Environmental investigations of upland parcels adjacent to or nearby the Creek have disclosed contamination of those parcels by hazardous substances similar to hazardous substances found in sediments in Newtown Creek.

Cleanup Approach

Following the ESI in 2009, Newtown Creek was proposed by EPA for listing on the National Priorities List under Superfund on September 23, 2009. Field work for the Remedial Investigation/Feasibility Study (RI/FS) in the creek began in November 2011. The RI/FS process will characterize environmental conditions at Newtown Creek and connecting tributaries, determine the nature of the waste, assess risk to human health and the environment, and evaluate potential cleanup alternatives.

At present, EPA has identified six Potentially Responsible Parties (PRPs) for the Newtown Creek site: BP America, Inc., The Brooklyn Union Gas Company d/b/a National Grid NY, ExxonMobil Oil Corporation, Phelps Dodge Refining Corporation, Texaco, Inc. -known as the Newtown Creek Group and the City of New York. These parties are believed by EPA to have contributed hazardous substances into Newtown Creek through operations conducted along the creek. EPA has completed the negotiations with these parties to perform the RI/FS under EPA oversight. The Administrative Order on Consent was signed on July 7, 2011. EPA anticipates that additional PRPs will be identified and that they will be given the opportunity of joining as respondents under the Order. Under Superfund, responsible parties are liable for the cost of investigating and remediating sites where hazardous substances have been released or have come to be located.

EPA has approved several documents submitted by Anchor QEA, the environmental consulting firm hired by the PRPs. These documents include the Quality Assurance Project Plan (QAPP), the Field Sampling and Analysis Plan (FSAP), the Data Collection Plan (DCP), and the Data Management Plan (DMP) and are found on the regional EPA web page for Newtown Creek. As other documents are approved, they will be added to the web page.

EPA held two public information sessions in Brooklyn, N.Y. at St. Nicks Alliance on Kingsland Ave., and in Queens, N.Y. at LaGuardia Community College in Long Island City to answer questions from the public and discussed the timeline of the Remedial Investigation/Feasibility Study (RI/FS) process.

A Community Advisory Group (CAG) was ratified in May 2012.

Cleanup Progress

Newtown Creek was proposed for NPL site listing on September 23, 2009 and finalized on the NPL on September 29, 2010. EPA has completed been negotiating with the Newtown Creek Group and the City of New York on the implementation of the RI/FS for the Site. The PRPs are currently conducting field work for a multi-year phased remedial investigation. Field work began in November 2011 and continues on through the summer of 2012. Field activities included: the shoreline assessment, creek-bed surveys (bathymetric, magnetic, side-scan sonar), fish community surveys, sediment sampling (sub-surface coring and surface grab samples) and surface water sampling. All Phase 1 sampling efforts are expected to finish in the fall of 2012. The data from these sampling events will be reviewed and used to guide the development of the next phase of sampling.

Site Repositories

EPA Region 2 Superfund Records Center, 290 Broadway, 18th Floor, New York, NY 10007-1866

Greenpoint Public Library, 107 Norman Ave. at Leonard St., Brooklyn, NY; 718-349-8504

Long Island City Public Library, 37-44 21st Street Queens, NY; 718-752-3700

August 1, 2012



INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 2

CITY BARREL CO.

421-429 MEEKER STREET

BROOKLYN, NY 11378

Facility Id: 224005

TT-Id: 120A-0001-368

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 198 feet to the ENE*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11222

This facility has been deleted from the reported data. Data reflects last reported information.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: D1

REGION: 2

SITE CODE: 224005

EPA ID:

CLASSIFICATION CODE DESCRIPTION:

Delisted site - hazardous waste not found

NAME OF SITE: City Barrel Co.

STREET ADDRESS: 421-429 Meeker Street

TOWN/CITY: Brooklyn

ZIP: 11378

COUNTY: Kings

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE:

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME.....:

ADDRESS..: 421-429 Meeker Street, Brooklyn, 11378

OWNER DURING DISPOSAL:

NAME.....:

OPERATOR(S) DURING DISPOSAL:

NAME.....:

ADDRESS..:

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:

This site was listed in the Eckhardt subcommittee report as a disposal site. Investigation by the NYSDEC Regional offices indicate that this is an industrial operation to recycle, recover and refurbish drums and that no apparent disposal of hazardous or toxic waste have occurred here.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY				
Unknown					
ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

None known. No apparent disposal of significant quantities of any hazardous waste.

ASSESSMENT OF HEALTH PROBLEMS:

Map Identification Number 3



BQE/ANSBACHER COLOR & DYE FACTORY

MEEKER AVENUE

BROOKLYN, NY

Facility Id: 224016

TT-Id: 120A-0004-734

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2292 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: 11211

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 224016

CLASSIFICATION CODE: 03 REGION: 2 DEC ID: 55913

CLASSIFICATION CODE DESCRIPTION:
Does not present a significant threat to the public health or the environment -
action may be deferred.

NAME OF SITE: BQE/Ansbacher Color & Dye Factory TOWN: New York City
STREET ADDRESS: Meeker Avenue COUNTY: Kings
CITY: Brooklyn ZIP:

SITE TYPE: Dump- Structure- Lagoon- Landfill-X Treatment Pond- ESTIMATED SIZE: 0.6 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: NYS Department of Transportation Owner Type: Other State Agency (State Government)
ADDRESS: STATE CAMPUS, BUILDING 5
ALBANY, NY 12232

NAME: NYS Department of Transportation
ADDRESS: State Campus - Building 5
Albany, NY 12232

OWNER(S) DURING DISPOSAL:

NAME: ANSBACHER COLOR & DYE FACTORY
ADDRESS:

OPERATOR(S) DURING DISPOSAL:

NAME: ANSBACHER COLOR & DYE FACTORY Operator Type: Other State Agency (State Government)
ADDRESS: MEEKER AVENUE
BROOKLYN, NY

NAME: Ansbacher Color & Dye Factory
ADDRESS: Meeker Avenue
Brooklyn, NY 11211

SITE DESCRIPTION:

This site lies underneath the elevated Brooklyn - Queens Expressway (I-278) along Meeker Avenue between Metropolitan and Union Avenues in the Williamsburg Section of Brooklyn. It is believed that during the construction of the BQE, waste material and debris from the former Ansbacher Color & Dye Factory may have been used as fill material in the project area. A Phase II - type

investigation was conducted by the New York State Department of Transportation in 1988. The investigation found hazardous levels of arsenic and lead in the soil and elevated levels of arsenic, lead and cyanide in the groundwater. During the reconstruction of the BQE in the early 1990s, the NYSDOT completed an IRM (soil removal) within the project's right-of-way. The remaining contaminated soil is located beneath asphalt and concrete. A Preliminary Site Assessment was completed during the summer of 1999 to evaluate the areas outside the BQE footprint. The sampling results indicate that the subsurface soils within the footprint of the former Ansbacher Plant contain elevated levels of arsenic, lead, and mercury. The groundwater in this area is also contaminated with these metals, but the contaminated groundwater has not migrated significantly beyond the footprint of the former factory.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
LEAD	UNKNOWN
ARSENIC	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The primary contaminants of concern at this site are arsenic, lead, mercury and cyanide.

Investigations indicate that the subsurface soils within the footprint of the former Ansbacher Plant contain elevated levels of arsenic, lead, and mercury. The groundwater in this area is also contaminated with these metals.

The site does not constitute a significant threat to the environment as the contaminated soil is covered by existing layers of asphalt and concrete, and the contaminated groundwater has not migrated significantly beyond the footprint of the former factory.

ASSESSMENT OF HEALTH PROBLEMS:

Residual arsenic and lead contamination remain under the BQE and is covered with several layers of concrete and asphalt, thereby preventing direct contact. Contaminated soil also underlies several on-site buildings formerly used by Ansbacher. Groundwater in the area is not used, since public water is available. Off-site sampling of surface soils from residential yards adjacent to the site indicated the presence of metals (particularly arsenic and lead) at concentrations above the range of concentrations typically encountered in urban neighborhoods. However, the exact source of the metals in the soils could not be determined from the data collected. The NYSDOH gave the residents advice on how to minimize their exposure to these surface soil contaminants.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program			
PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization		03/10/2000	Actual
Operable Unit 01A - IRM SOIL REMOVAL			
PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Action		08/01/1991	Actual

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR: Air- Surface Water- Groundwater-X Soil-X Sediment-

APPLICABLE STANDARDS EXCEEDED IN: Groundwater-X Drinking Water- Surface Water- Air-

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE: Fill over alluvium.
GROUNDWATER DEPTH: Range: 25 to 30 feet.

LEGAL ACTION: Type: State- Federal-
STATUS: Negotiation in Progress- Order Signed-
REMEDIAL ACTION: Proposed- Under Design- In Progress- Completed-X
NATURE OF ACTION: IRM-Soil removal.

Map Identification Number 4

K - WYTHE AVE. STATION



WYTHE AVE., BERRY ST., N 12TH & 13TH ST

BROOKLYN, NY 11211

Facility Id: 224069

TT-Id: 120A-0006-088

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2834 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: A
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

REGION: 2

SITE CODE: 224069
DEC ID: 378992

NAME OF SITE: K - Wythe Ave. Station
STREET ADDRESS: Wythe Ave., Berry St., N 12th & 13th St
CITY: Brooklyn ZIP: 11211

TOWN: New York City
COUNTY: Kings

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 2 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME.....:

ADDRESS...:

SITE DESCRIPTION:

Location: The Wythe Avenue (Berry Street)Holder Station is comprised of ten parcels of land located in Brooklyn, New York, Kings County. The site is bounded by North 13th Street, North 12th Street and Wythe Avenue.

Site Features: The main site features include several large warehouse buildings, loading docks and a paved parking lot in the NNE corner.

Current Zoning/Use(s): The current land use for the parcels includes industrial and manufacturing.

Historical Use(s): The gas holder and associated buildings operated at the site from sometime between 1903 and 1908 until sometime between 1951 and 1965. The holders operated sloely as gas distribution holders. No gas production facilities were present at the site. In 1965 the holders and all associated MGP buildings were dismantled when the property was sold.

Geology and Hydrogeology: Although site-specific geologic information is not yet available, the area is typically underlain by up to 20 feet of urban fill material, then various layers of gravelly sands, silts and clays. bedrock is typically located between 90 and 100 feet below ground surface. Groundwater is typically found between 10 and 12 feet bgs, and generally flows to the southwest.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE

QUANTITY

COAL TAR

UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Pre-Remediation: Site Characterization work is tentatively scheduled for early spring, 2012.

ASSESSMENT OF HEALTH PROBLEMS:

The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 5

FORMER KLINK COSMO CLEANERS
364 RICHARDSON STREET

BROOKLYN, NY 11222

Facility Id: 224130
TT-Id: 120A-0004-754

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2857 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02	REGION: 2	SITE CODE: 224130
CLASSIFICATION CODE DESCRIPTION: Significant threat to the public health or environment - action required.		DEC ID: 405851

NAME OF SITE: Former Klink Cosmo Cleaners		TOWN: New York City
STREET ADDRESS: 364 Richardson Street		COUNTY: Kings
CITY: Brooklyn	ZIP: 11222	

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.08 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
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224121	HW Site ID
224129	HW Site ID
224131	HW Site ID

224132 HW Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: PAVLOVICH & COMPANY
ADDRESS: 460 MORGAN AVENUE
BROOKLYN, NY 11222-5706

Owner Type: PRP - Class 2 HazSubs

SITE DESCRIPTION:

Location:

The site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the southwest corner of the intersection of Vandervoort Avenue and Richardson Street.

Site Features:

The site is completely covered by a one-story brick building. Numerous other commercial and industrial properties are located to the north, south, and west of the site. The Greenpoint Little League fields and a National Grid energy facility are east of the site across Vandervoort Avenue. A small residential area is located 1-2 blocks north of the site. An eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located 4 blocks to the north.

Current Zoning/Use(s):

The site is zoned for manufacturing. The site is currently used for sheet metal fabrication.

Historical Use(s):

The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meecker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on interviews with multiple residents indicating the site's former usage as a commercial dry cleaner from the 1950's to the mid 1990's (including one former employee), and a Department database which lists the cleaners as a generator of F002 waste (spent halogenated solvents). This investigation was conducted in several phases, and was completed in the Summer of 2009.

Site Geology and Hydrogeology:

The site is underlain by a fill unit (0.5-8' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit, a sand and gravel unit (~1-3' thick), and the Raritan Formation (located 108-113' below ground surface).

Groundwater is approximately 24-50' below ground surface in the vicinity of the site. Groundwater flows north to northeast toward Newtown Creek, which lies approximately 3,000' northeast of the site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE

QUANTITY

TETRACHLOROETHYLENE (PCE)

UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

- Groundwater

The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 46,000 ppb, which is well above the Part 703.5 class GA standard of 5 ppb. PCE has also been found in very deep groundwater (atop the Raritan clay) at 4,500 ppb. The plume of PCE-contaminated groundwater has migrated at least 1,200' downgradient of the site.

- Soil Vapor

PCE has been found in soil vapor beneath the site at concentrations up to 48,200,000 ug/m^3.

Significant Threat:

The site poses a significant environmental threat due to ongoing releases of PCE from source areas into soil and groundwater.

ASSESSMENT OF HEALTH PROBLEMS:

Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 6

ACME STEEL/METAL WORKS
95 LOMBARDY STREET

BROOKLYN, NY 11222

Facility Id: 224131
TT-Id: 120A-0004-755

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 3157 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02 REGION: 2 SITE CODE: 224131
CLASSIFICATION CODE DESCRIPTION: DEC ID: 405853

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

NAME OF SITE: ACME Steel/Metal Works
STREET ADDRESS: 95 Lombardy Street TOWN: New York City
CITY: Brooklyn ZIP: 11222 COUNTY: Kings

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.01 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
224121	HW Site ID
224129	HW Site ID
224130	HW Site ID
224132	HW Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):
NAME: NYC IDA Owner Type: PRP - Class 2 HazSubs
MAUREEN BABIS
ADDRESS: 110 WILLIAM STREET
NEW YORK, NY 10038

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: ACME ARCHITECTURAL PRODUCTS, INC.
PAUL BURDYN
ADDRESS: 251 LOMBARDY STREET
BROOKLYN, NY 11222

Operator Type: PRP - Class 2 HazSubs

SITE DESCRIPTION:

Location:

The site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Vandervoort Avenue between Anthony and Lombardy Streets.

Site Features:

The site is completely covered by one (1) two-story and three (3) one-story brick buildings. The site is surrounded by other commercial and industrial properties. Sergeant William Dougherty Playground is located immediately north of the site across Anthony Street, and the eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area is located one block south of the site.

Current Zoning/Use(s):

The site is zoned for manufacturing. The site is currently used as a granite warehouse and showroom at 95 Lombardy Street, and a paper distribution office and a kitchen cabinet warehouse/showroom at 46 Anthony Street.

Historical Use(s):

The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was utilized as a metal fabricator and painting facility from the 1930's to the late 2000's, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). This investigation was conducted in several phases, and was completed in the Summer of 2009.

Based on an extensive records search and several inspections, it was determined that waste paint, waste oil, waste degreasers, and waste water precipitate were generated at the property during site operations. Numerous floor drains with unknown outfall locations existed within the property, and were identified as potential injection wells. In addition, an underground storage tank that was used as a dip tank and for storing degreasing products was located in the northwest corner of the site. Several pipes that originated from the dip tank discharged to a floor drain in the loading dock area.

Site Geology and Hydrogeology:

The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~120-125' below ground surface).

Groundwater is approximately 35-45' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,500' northeast of the site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TRICHLOROETHENE (TCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

- Groundwater

The primary contaminant of concern at the site is trichloroethene (TCE). TCE has been found on-site in shallow groundwater at concentrations up to 66,000 ppb, and in deep groundwater at concentrations up to 70,000 ppb, well above Part 703.5 class GA standards (5 ppb). Concentrations of tetrachloroethene (up to 1,100 ppb) and 1,2-dichloroethene (3,200 ppb) have also been found above their respective Part 703.5 class GA standards (5 ppb each). The plume of TCE-contaminated groundwater has migrated at least 400' off-site.

Significant Threat:

The site poses a significant environmental threat due to ongoing releases of TCE from source areas into soil and groundwater.

ASSESSMENT OF HEALTH PROBLEMS:

Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-

NATURE OF ACTION:

Map Identification Number 7

FORMER SPIC AND SPAN CLEANERS AND DYERS, INC.

BROOKLYN, NY 11222

Facility Id: 224129
TT-Id: 120A-0004-572



315 KINGSLAND AVENUE

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 3347 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02

REGION: 2

SITE CODE: 224129
DEC ID: 405850

CLASSIFICATION CODE DESCRIPTION:

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

NAME OF SITE: Former Spic and Span Cleaners and Dyers, Inc.

STREET ADDRESS: 315 Kingsland Avenue

CITY: Brooklyn

ZIP: 11222

TOWN: New York City

COUNTY: Kings

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 0.51 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:

None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
224121	HW Site ID
224130	HW Site ID
224131	HW Site ID
224132	HW Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: DELTA PROPERTY ASSOCIATES
ADDRESS: 260 NORMAN AVENUE

Owner Type: PRP - Class 2 HazSubs

NEW YORK, NY 11201

NAME: DOUBLE STAR REALESTATE, INC.
ADDRESS: 307 KINGSLAND AVENUE
NEW YORK, NY 11222

Owner Type: Innocent Owner -Class 2a/2/3/4/5 HS

NAME: DOUBLE STAR REALESTATE, INC.
FRANK CHAN
ADDRESS: 307 KINGSLAND AVENUE
NEW YORK, NY 11222

Owner Type: Innocent Owner -Class 2a/2/3/4/5 HS

SITE DESCRIPTION:

Location:

The site is located in the Greenpoint section of Kings County (Borough of Brooklyn, New York City). The site is located on the southwest corner of the intersection of Kingsland and Norman Avenues.

Site Features:

The site is completely covered by multiple buildings of varying construction and height. Numerous other commercial and industrial properties are located to the north, east, and west of the site. A large residential area is located immediately south of the site, and extends south along both Kingsland Avenue and Monitor Street. A large sewage treatment plant is ~1/2 mile north of the site.

Current Zoning/Use(s):

The site is zoned for both residential and light manufacturing. The site is partially occupied, and is utilized for a variety of purposes (residential, warehousing, woodworking shop, etc.).

Historical Use(s):

The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was operated by Spic and Span Cleaners and Dyers, Inc. (a.k.a. Eastern District Dye Works) from the early 1900's until the mid-1960's. This investigation was conducted in several phases, and was completed in the Summer of 2009.

Site Geology and Hydrogeology:

The site is underlain by a fill unit (0.5-10' thick), a stratified sand unit with some to no fines (over 120' thick), a discontinuous glacial till unit within the sand unit (0.5-50' thick), a discontinuous clayey silt unit within the sand unit (0.5-25' thick), and the Raritan Formation (~138.5' below ground surface).

Groundwater is approximately 11-25' below ground surface in the vicinity of the site. Groundwater flows north to northeast

toward Newtown Creek, which lies approximately 1,300' northeast of the site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

- Groundwater

The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 39,000 ppb, and in deep groundwater at concentrations up to 76,000 ppb, well above the Part 703.5 class GA standard of 5 ppb. PCE DNAPL has also been found on-site at concentrations up to 730,000 ppm (73%) in deep monitoring wells. Trichloroethene (up to 3,900 ppb), cis-1,2-dichloroethene (up to 14,000 ppb), and vinyl chloride (up to 3,200 ppb) have also been found in shallow groundwater at concentrations above their respective Part 703.5 class GA standards (5 ppb each).

- Soil

PCE has been found in soil up to 290,000 ppm, well above the soil cleanup objective for unrestricted use (1.3 ppm).

Significant Threat:

The site poses a significant environmental threat due to ongoing release of PCE from source areas into soil and groundwater.

ASSESSMENT OF HEALTH PROBLEMS:

Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:

GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 8

K - WILLIAMSBURG WORKS
KENT AVE & 12TH STREET

BROOKLYN, NY 11211-

Facility Id: 224055
TT-Id: 120A-0006-234

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 3567 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: KENT AVE / N 12TH STREET
Revised zip code: 11211

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: A	REGION: 2	SITE CODE: 224055
CLASSIFICATION CODE DESCRIPTION: Work is underway and not yet complete.		DEC ID: 372653

NAME OF SITE: K - Williamsburg Works		
STREET ADDRESS: Kent Ave & 12th Street		TOWN: New York City
CITY: Brooklyn	ZIP: 11211-	COUNTY: Kings

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 4.7 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:	
IDENTIFIER	SOURCE
-----	-----
224028	HW Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME.....:
ADDRESS...:

SITE DESCRIPTION:

Transition from V00704 and C224055. The Williamsburg Works Manufactured Gas Plant (MGP) site is composed of three parcels of land located on the east bank of the East River in Brooklyn New York in Kings County. The site is located between North 11th and North 12th Streets on the west side of Kent Avenue. A manufactured gas plant operated on the site from at least 1887 to 1916 according to Sanborn Fire Insurance(Sanborn) maps.

Current land use includes a document storage warehouse, an inactive petroleum terminal, and one vacant lot which until recently housed a Sanitation Dep't garage.

The City of NY has identified this site for construction of a proposed waterfront park, which would extend far beyond site boundaries to the north and south. One parcel (50 Kent Avenue) has already been acquired. An IRM is slated for this parcel in late 2012.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
----- COAL TAR	----- UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

According to the USEPA, a preliminary assessment (PA) was prepared for the site dated September 24, 1986. A copy of the PA was not supplied with the application. The environmental assessment for this site has not yet been completed. The site is the confirmed location of a historic MGP. MGPs have known onsite by products of DNAPL and purifier waste. The materials are made up of BTEX, PAHs, and cyanide. The DNAPL causes contravention of both groundwater and soil SCGs. The site is also adjacent to the East River and several public and private buildings, including residences. DNAPL is known to migrate into surface water bodies, contaminating sediment. The BTEX components are also known to contribute to soil vapor issues. There are already reports of tar seeping into the East River and tar has been found on an adjacent property.

ASSESSMENT OF HEALTH PROBLEMS:

The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 9

ACME STEEL/BRASS FOUNDRY



72 ANTHONY STREET

BROOKLYN, NY 11222

Facility Id: 224132
TT-Id: 120A-0006-606

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 3641 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF HAZARDOUS WASTE REMEDIATION
 INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02	REGION: 2	SITE CODE: 224132
CLASSIFICATION CODE DESCRIPTION:		DEC ID: 405855

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

NAME OF SITE:	ACME Steel/Brass Foundry	
STREET ADDRESS:	72 Anthony Street	TOWN: New York City
CITY:	Brooklyn	COUNTY: Kings
	ZIP: 11222	

SITE TYPE:	Dump- Structure-X Lagoon- Landfill- Treatment Pond-	ESTIMATED SIZE: 1.21 Acres
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INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
224121	HW Site ID
224129	HW Site ID
224130	HW Site ID
224131	HW Site ID

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: NYC IDA
MAUREEN BABIS
ADDRESS: 110 WILLILAM STREET
NEW YORK, NY 10038

Owner Type: PRP - Class 2 HazSubs

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: ACME ARCHITECTURAL PRODUCTS, INC.
PAUL BURDYN
ADDRESS: 251 LOMBARDY STREET
BROOKLYN, NY 11222

Operator Type: PRP - Class 2 HazSubs

SITE DESCRIPTION:

Location:

The site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Porter Avenue between Anthony and Lombardy Streets.

Site Features:

The site is covered by several two-story buildings and two (2) separate open lots. The site is surrounded by other commercial and industrial properties. A large National Grid energy facility is located one block south of the site across Lombardy Street. Sergeant William Dougherty Playground is located one block northwest of the site across Anthony Street, and the elevated Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area is located one block southwest of the site.

Current Zoning/Use(s):

The site is zoned for manufacturing. The site is currently used as a marble and granite distribution warehouse and a fruit distribution warehouse at 72 Anthony Street, and a City-Wide truck maintenance shop at 498 Porter Avenue.

Historical Use(s):

The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was utilized as a brass foundry from the 1960's to 1993, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). This investigation was conducted in several phases, and was completed in the Summer of 2009.

Based on an extensive records search and several inspections, it was determined that waste paint, waste oil, waste degreasers, and waste water precipitate were generated at the property during site operations. Numerous floor drains with unknown outfall locations existed within the property, and were identified as potential injection wells. Several storage tanks that were used as

dip tanks for degreasing products were located in the northeast corner of the site, where evidence of releases existed. In addition, the open lot adjacent to the 72 Anthony Street building was used as a drum storage area that held all chemical wastes from the surrounding ACME facilities.

Site Geology and Hydrogeology:

The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~110' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~130-135' below ground surface).

Groundwater is approximately 45-55' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,000' northeast of the site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

- Groundwater

The primary contaminants of concern at the site are tetrachloroethene (PCE) and trichloroethene (TCE). Both PCE (up to 6,900 ppb) and TCE (up to 12,000 ppb) have been found at concentrations well above the Part 703.5 class GA standard of 5 ppb. The plume of PCE and TCE-contaminated groundwater has migrated at least 400' off-site.

- Soil

PCE has been found in on-site soils at concentrations up to 220 ppm, which is above the soil cleanup objective for unrestricted use (1.3 ppm).

Significant Threat:

The site poses a significant environmental threat due to ongoing releases of TCE from source areas into soil and groundwater.

ASSESSMENT OF HEALTH PROBLEMS:

Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 10

BROOKLYN NORTH 1 GARAGE



50 KENT AVENUE

BROOKLYN, NY

Facility Id: 2-019
TT-Id: 180A-0001-343

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 3858 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: 11211

This facility has been deleted from the reported data. Data reflects last reported information.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT
REGION: 2

NAME OF SITE:	Brooklyn North 1 Garage	
STREET ADDRESS:	50 Kent Avenue	
TOWN/CITY:	Brooklyn	COUNTY: Kings

Registry Qualifying Investigations Underway as of 07/1998

Map Identification Number 11

K - EQUITY WORKS

MASPETH AND VANDERVORT AVES.

BROOKLYN, NY 11211-

Facility Id: 224050

TT-Id: 120A-0005-853

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 3888 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11211

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02 REGION: 2 SITE CODE: 224050
CLASSIFICATION CODE DESCRIPTION: DEC ID: 372655

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

NAME OF SITE: K - Equity Works
STREET ADDRESS: Maspeth and Vandervort Aves. TOWN: New York City
CITY: Brooklyn ZIP: 11211- COUNTY: Kings

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 2 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: WEST TERMINAL LLC
C/O MIRIAM CHAN
ADDRESS: 816 56TH STREET
BROOKLYN, NY 11220

SITE DESCRIPTION:
The Equity Works Manufactured Gas Plant (MGP) site is located oin an urban area in the Greenpoint section of Brooklyn, Kings County. The site is composed of three parcels of land including 222, 252 and 254 Maspeth Ave, totalling approximately 2 acres in size. The site is approximately 2 blocks from the English Kill, a tributary of Newtown Creek.

The current land use includes industrial, manufacturing, transportation, utility and vacant land. The Equity site is currently operated by Cooper Tank as a C&D sorting facility. The nearest residential property is located approximately 1000 feet to the

south.

The MGP on this site was relatively small, and operated from at least 1907 until sometime prior to 1933 according to Sanborn Fire Insurance Maps. The Greenpoint Energy Center, containing the far larger Greenpoint former MGP, is located across Maspeth Avenue to the north.

Transitioned from V00699 and C224050. A Remedial Investigation began in 2009 and is ongoing.

The site is underlain by historic fill, glacial outwash sands, and silty clay. The groundwater table is approximately 5 to 10 feet below ground surface. Groundwater flow is generally toward the English Kill, to the east.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
----- COAL TAR	----- UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The RI is underway, so the environmental assessment for this site has not yet been completed. The site is the confirmed location of a historic MGP. DNAPL has been encountered on site during the installation of construction borings. Preliminary RI results indicate that tar has almost certainly migrated onto adjacent properties.

Cooper tank's on site well (used to supply dust suppression water) has a column of tar in it several feet high, so the tar is clearly mobile. National Grid has arranged to provide city water, so that use of the well is now discontinued.

Coal tar from MGP sites contains BTEX, PAHs, and cyanide. The presence of DNAPL represents a significant threat to the environment. The site is also adjacent to Newtown Creek and several public and private buildings, including residences. DNAPL is known to migrate into surface water bodies, contaminating sediment. The BTEX components may also contribute to soil vapor issues.

ASSESSMENT OF HEALTH PROBLEMS:

Persons who dig below the ground surface may come into contact with contaminants in subsurface soil and groundwater. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. An on-site pumping well/process water well used for dust suppression and cleaning is treated prior to use. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in any future on-site building development and occupancy. Soil vapor intrusion has been evaluated in the two on-site buildings. Soil vapor intrusion was occurring in one structure and measures have been taken to prevent contaminated soil vapor from entering the structure. Soil vapor intrusion has yet to be evaluated off-site.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR: Air- Surface Water- Groundwater- Soil- Sediment-
APPLICABLE STANDARDS EXCEEDED IN: Groundwater- Drinking Water- Surface Water- Air-

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION: Type: State- Federal-
STATUS: Negotiation in Progress- Order Signed-
REMEDIAL ACTION: Proposed- Under Design- In Progress- Completed-
NATURE OF ACTION:

Map Identification Number 12

MOBIL OIL BROOKLYN TERMINAL
300 N. HENRY ST.

BROOKLYN, NY

Facility Id: 224013
TT-Id: 120A-0001-366

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 3966 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 300 N HENRY ST
Revised zip code: 11222

This facility has been deleted from the reported data. Data reflects last reported information.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: D1
CLASSIFICATION CODE DESCRIPTION:
Delisted site - hazardous waste not found

REGION: 2

SITE CODE: 224013
EPA ID:

NAME OF SITE: Mobil Oil Brooklyn Terminal
STREET ADDRESS: 300 N. Henry St.
TOWN/CITY: Brooklyn ZIP: COUNTY: Kings

SITE TYPE: Dump-X Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 15 Acres

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):

NAME.....:
 ADDRESS..: 300 N. Henry St., Brooklyn,
 OWNER DURING DISPOSAL:
 NAME.....: Mobil Oil
 OPERATOR(S) DURING DISPOSAL:
 NAME.....:
 ADDRESS..:

HAZARDOUS WASTE DISPOSAL PERIOD: from 1900 to 1985

SITE DESCRIPTION:

Large storage area. Facility was built on an old refinery. Possibility of groundwater contamination due to poor operation. Newton Creek is adjacent to the site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY				
-----	-----				
Gasoline, Kerosene, Fuel Oil, Others	Unknown				
ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-X
NATURE OF ACTION:			

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Site has been remediated.

ASSESSMENT OF HEALTH PROBLEMS:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT
REGION: 2

NAME OF SITE: Kent Terminal
STREET ADDRESS: Kent Ave. between N.5th & N.11th ST.
TOWN/CITY: Brooklyn COUNTY: Kings

Registry Qualifying Investigations Underway as of 10/1996

Map Identification Number 16

NEWTOWN CREEK
NEWTOWN CREEK (BETWEEN BROOKLYN AND QUEENS)

MASPETH, NY 11378

Facility Id: 241117
TT-Id: 120A-0006-258

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING - LARGE SITE
Approximate distance from property: 4730 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code:

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

REGION: 2

SITE CODE: 241117
DEC ID: 410481

NAME OF SITE: Newtown Creek
STREET ADDRESS: Newtown Creek (between Brooklyn and Queens)
CITY: Maspeth ZIP: 11378

TOWN: New York City
COUNTY: Queens

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond-X

ESTIMATED SIZE: 170 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: NYS Office of General Services
Division of Real Estate Development
ADDRESS: Bureau of Land Management
26th Floor Corning Tower - Empire State Plaza
Albany, NY 12242

Owner Type: Other State Agency (State Government)

NAME: New York City Law Department
ADDRESS: Office of the Corporation Counsel
100 Church Street
New York, NY 10007-2601

Owner Type: Local Government

SITE DESCRIPTION:

LOCATION:

Newtown Creek is an estuarine waterbody that forms a portion of the boundary between the boroughs of Brooklyn and Queens in New York City. The site definition includes all the waters, shoreline, channel, tidal-affected zones, and sediments of Newtown Creek, and its tributaries (natural, created, and controlled), from its headwaters to its confluence with the East River. Tributaries include Whale Creek (and the Whale Creek Overflow Canal), Dutch Kills, Maspeth Creek, East Branch, and the English Kills.

SITE FEATURES:

The entire creek system extends approximately 3.8 miles from the English Kills to the East River. A substantial portion of the creek is contained by bulkheads or riprap and its width averages 200-300 feet. Average depth in the navigable channels is 20 feet below mean low water level. Total surface area of the creek is approximately 170 acres.

CURRENT ZONING/USE:

The Newtown Creek is primarily used for the transport of materials and goods produced and consumed by the industry, businesses and development projects along its banks. A small amount of recreational boating also occurs there. Various forms of fishing have been documented in the creek despite applicable fishing restrictions in place for the creek waters.

The surrounding area is still very diverse in terms of land use and potential contaminant contributors. Upland areas adjacent to the creek that are contributing to its flow and contaminant loading include oil storage facilities, inactive hazardous waste disposal sites, active manufacturing facilities, spills, and other uncontrolled sources. The total original natural drainage area of the creek and tributaries encompassed nearly 7,650 acres.

HISTORICAL USES:

Newtown Creek is a waterway that has served as a conduit for the transportation of raw materials and products dating back nearly 200 years. It has also been used for the disposal of numerous wastes, including sewage, industrial, and commercial wastes, through outfalls flowing into the creek. Direct releases of wastes have also entered Newtown Creek from the creek banks.

The area immediately surrounding the creek has been, and remains, the location of many forms of industrial and commercial activity. Such historic industrial uses include shipbuilding, textiles, metal smelting, and oil refining.

SITE GEOLOGY & HYDROGEOLOGY:

The original watershed has been permanently altered by urbanization such that there is virtually no freshwater flow to the creek other than stormwater and municipal combined sewer overflows (CSOs) during wet weather. There are 20 CSO outfalls and over 100 stormwater discharges to the Creek. Significant outfalls are located in the English Kills, East Branch, Maspeth Creek, and Dutch Kills. Inflow is estimated to be in excess of 1.4 billion gallons annually. Much of this flow contains significant concentrations of contaminants, including polychlorinated biphenyls (PCBs), metals, oil and grease, coliform bacteria, and solid waste.

The creek is classified by New York State as Class SD saline surface water with best uses designated for fishing and fish survival. Class SD waters have natural or man-made conditions limiting attainment of higher standards. The creek does not attain these standards at present. Documented water quality problems include low dissolved oxygen, odors, and solid waste. Sediments on the creek bottom are contaminated with PCBs, heavy metals such as lead, mercury, and copper, and petroleum hydrocarbons.

OTHER:

The NYSDEC nominated the creek and its tributaries to the National Priorities List (NPL) in January 2009. The site was formally proposed to the NPL on September 23, 2009 and was added to the NPL by rule-making notice in the Federal Register of September 29, 2010.

To document the site's eligibility for the NPL and prepare a Hazard Ranking Score, EPA initiated an Expanded Site Investigation in the creek in February 2009. The investigation included extensive sampling of sediment. The Expanded Site Inspection effort and report were completed in July 2009.

The USEPA is the lead agency and has negotiated and developed an RIFS work plan and administrative order on consent with identified responsible parties. The DEC provided comments on the RIFS work plan in February 2011 and the work plan was finalized in July 2011.

Sampling of creek sediments began in April 2012.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
LEAD	UNKNOWN
ZINC	UNKNOWN
PCB-AROCLOR 1254	UNKNOWN
MERCURY	UNKNOWN
POLYCHLORINATED BIPHENYLS (PCB)	UNKNOWN
PCB-AROCLOR 1242	UNKNOWN
COPPER	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Newtown Creek has a history of intensive industrial use dating back nearly 200 years. Historic industrial uses include shipbuilding, textiles, metal smelting, and oil refining. The surrounding area is still very diverse in terms of land use and potential contaminant contributors. Upland areas adjacent to the creek that are contributing to its flow and contaminant loading include oil storage facilities, inactive hazardous waste disposal sites, active manufacturing facilities, spills, and other uncontrolled sources.

The original watershed has been permanently altered by urbanization such that there is virtually no freshwater flow to the creek other than stormwater and municipal combined sewer overflows (CSOs) during wet weather. There are 20 CSO outfalls and over 100 stormwater discharges to the Creek. Significant outfalls are located in the English Kills, East Branch, Maspeth Creek, and Dutch Kills. Inflow is estimated to be in excess of 1.4 billion gallons annually. Much of this flow contains significant concentrations of contaminants, including polychlorinated biphenyls (PCBs), metals, oil and grease, coliform bacteria, and solid waste.

The creek is classified by New York State as Class SD saline surface water with best uses designated for fishing and fish survival. Class SD waters have natural or man-made conditions limiting attainment of higher standards. The creek does not attain these standards at present. Documented water quality problems include low dissolved oxygen, odors, and solid waste.

Newtown Creek was added to the NPL on September 29, 2010. EPA listed the site based on surface water contamination and heavily contaminated sediment. Sampling has detected a variety of pollutants in excess of sediment criteria, including the metals antimony, arsenic, cadmium, chromium, copper, lead, nickel, selenium, silver, and zinc; polycyclic aromatic hydrocarbons (PAH); total petroleum hydrocarbons (TPH); polychlorinated biphenyls (PCBs); and volatile organic contaminants (VOC). The extent of contamination traverses the entire length of the Creek. The contaminants of greatest concern in sediment are:

- 1) Poly-cyclic aromatic hydrocarbons (PAHs), including several carcinogenic compounds, are ubiquitous in the creek at levels from low ppm up to thousands of ppm in the areas of highest impact.
- 2) Metals, including Lead with levels up to 2,400 ppm (sediment criteria median effect level (MEL) = 218); Mercury with typical levels in the 1-4 ppm range (MEL= 0.71); Copper with levels from 500 to 39,200 ppm (MEL=270); Zinc with levels up to 15,500 ppm (MEL= 410).
- 3) Polychlorinated biphenyls (PCBs) are present in accumulated sediments at total concentrations ranging from 1 to 106 ppm, with an average concentration of >3 ppm (DEC sediment criteria is 0.1 ppm).
- 4) TPH: Petroleum hydrocarbons are ubiquitous, at levels up to 74,000 ppm.

Sediment contamination constitutes a significant threat to the environment.

ASSESSMENT OF HEALTH PROBLEMS:

People using the creek for recreational purposes such as swimming and boating may come into direct contact with chemical contaminants and harmful biological organisms. People may come in contact with contaminants present in the shallow creek sediments while entering or exiting the creek during recreational activities. Fish and shellfish in the creek are likely to contain the same chemical contaminants that are present in surface water and shallow creek sediments; therefore, people who consume fish and shellfish from the creek are likely to be consuming these contaminants as well. People are not drinking the contaminated creek water because the area is served by a public water supply that obtains its water from a different source.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program - NPL Site

PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization	Expanded Site Inspection - NPL Evaluation	07/16/2009	Actual

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 17



K - GREENPOINT MGP - ENERGY CENTER

287 MASPETH AVENUE

BROOKLYN, NY 11211

Facility Id: 224052

TT-Id: 120A-0004-745

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE - LARGE SITE
Approximate distance from property: 4763 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: UNKNOWN

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02 REGION: 2
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

SITE CODE: 224052
DEC ID: 372971

NAME OF SITE: K - Greenpoint MGP - Energy Center
STREET ADDRESS: 287 MASPETH AVENUE
CITY: Brooklyn ZIP: 11211

TOWN: New York City
COUNTY: Kings

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 117 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

None reported

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: BROOKLYN UNION GAS COMPANY
 N/A
 ADDRESS: 1 METROTECH CENTER
 BROOKLYN, NY 11201

SITE DESCRIPTION:

The Greenpoint Manufactured Gas Plant(MGP) site is a large parcel located along Newtown Creek at 287 Maspeth Avenue in Brooklyn, NY in Kings County. The site is currently known as the Greenpoint Energy Center, and houses a major liquefied natural gas storage facility and compressor station, an operations center for KeySpan's distribution and service units, and a warehouse facility. Surrounding land uses are mixed industrial, residential, and commercial.

A large MGP and byproduct coking operation operated on the site from 1928 until 1952. Coal tar has been found in subsurface soils, but the full extent of contamination has not yet been established. The surrounding neighborhood also contains a large petroleum spill, apparently unrelated to the MGP.

A VCA to address the northeast corner of the property was listed under V00631. This work was undertaken to allow expansion of the existing liquefied gas facility, and included a relatively small portion of the site. A site-wide RI began in the summer of 2012. The RI will be conducted in 3 phases and is scheduled to conclude in late 2014.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
NAPHTHALENE	17.00
PYRENE	83.00
BENZENE	3.30
BENZO(A)PYRENE	33.00
COAL TAR	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

According to the USEPA a preliminary assessment (PA) was prepared for the site dated September 24, 1986. The PA was not submitted or reviewed. A draft preliminary site investigation report was submitted to the Department in June 2004 for the northeast corner of the site. This report noted MGP DNAPL found across the site in the shallow depths (0-5 feet bgs) This material caused most of the soil samples to fail standards for several SVOCs including naphthalene, benzo(a)pyrene, and benzo(a)anthracene. The area noted was addressed in an IRM, but should be representative of a best-case for the site as a whole as it was in an area which was not actually part of the MGP operations. These exceedances represent a significant threat to the environment, This material is also known to contribute to groundwater contamination and sediment contamination. The site's location, adjacent to Newtown creek, means there is a potential for DNAPL to be leaking into the creek, contaminating sediments and surface water. A RI is currently ongoing. The first phase, begun in July 2012 is focused on the eastern portion of the site, adjacent to Newtown

Creek.

ASSESSMENT OF HEALTH PROBLEMS:

Public exposures to wastes in soil and groundwater at the site are unlikely since access to the site is restricted. Potential impacts from soil vapors need to be evaluated. Potential exposures to seepage from the site in the adjacent Newtown Creek are unknown. Eating of fish and shellfish from Newtown Creek is restricted based on fish advisories for the East River, which apply to Newtown Creek as a tributary.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 18



B.C.F. OIL REFINING, INC.
360-362 MASPETH AVENUE, SOUTHSIDE

BROOKLYN, NY 11211

Facility Id: 224034
TT-Id: 120A-0001-361

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 4895 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 360 MASPETH AVENUE, SOUTHSIDE
Revised zip code: NO CHANGE

This facility has been deleted from the reported data. Data reflects last reported information.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 224034

CLASSIFICATION CODE: 02 REGION: 2 DEC ID: 56747

CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.NAME OF SITE: B.C.F. Oil Refining, Inc.
STREET ADDRESS: 360-362 Maspeth Avenue, Southside TOWN: New York City
CITY: Brooklyn ZIP: 11211 COUNTY: Kings

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.9 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
9406807	Spill No.
NYD980647283	EPA Site ID
w2-1092-06-08	Agreement/Consent Order Number

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME: NEWTON DEVELOPMENT LLC
C/O SETH D. FRIEDLAND, ESQ.
ADDRESS: 62 WILLIAM STREET
THIRD FLOOR
NEW YORK, NY 10005

SITE DESCRIPTION:

The BCF Oil site is located within an urban, industrialized area of East Williamsburg, Brooklyn. Previously existing buildings and above ground storage tanks have been removed, and the property is being used as a Marshall's impound lot. A National Grid facility borders the site on the north, Newtown Creek on the south, a city automobile impound lot on the east and a scrap metal processing facility on the west. The total area is 1.9 acres, of which 0.3 acres is land under water.

The property was used as a petroleum distribution facility for many years, starting in the early 1900's. In 1980, the terminal was modified for use as a waste oil processing facility, and was used for waste oil recycling from 1980 to 1994. Routine sampling detected PCBs in the waste oil, and operations ceased in 1994. The property is zoned M3 (manufacturing/industrial), and it is currently used to store impounded automobiles.

The site consists primarily of historic fill placed upon wetlands. Groundwater exists approximately 5 to 10 feet below grade and flows both to the north and south from the site.

A remedial investigation of the site to determine the nature and extent of contamination has been completed. The site is currently being managed as a single operable unit. In addition, there is an open NYSDEC spill at this location; spill #9406807

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
PCB-AROCOLOR 1242	UNKNOWN
PCB-AROCOLOR 1254	UNKNOWN
PCB-AROCOLOR 1260	UNKNOWN
POLYCHLORINATED BIPHENYLS (PCB)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Based upon investigations conducted to date, the primary contaminant of concern at the site are those associated with petroleum. Separate phase petroleum contamination has been detected in numerous locations, although mobile product may be more limited.

The site was extensively assessed for PCB contamination, but no significant levels of PCBs were detected on site. PCBs were detected in the Newtown Creek sediment, but the sediment contamination appears to be part of a larger problem and not related to releases from the site.

A significant threat created by the potential for release of PCB-contaminated oil stored in dilapidated storage tank areas was eliminated by a removal action performed by the USEPA in 2000/2001.

More information about this project can be found in the document repository for the site.

ASSESSMENT OF HEALTH PROBLEMS:

Persons who dig below the ground surface may come into contact with soil and groundwater contaminated with volatile organic compounds. People are not exposed to contaminants in drinking water since the area is served by a public water supply. Also, they are not coming into contact with the groundwater unless they dig greater than 10 feet below the ground surface. Organic compounds in the soil and groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings is referred to as soil vapor intrusion. The potential exists for the inhalation of site-related contaminants in indoor air due to soil vapor intrusion for any future on-site construction.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-X	Soil-X	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-X	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE: Moraine deposits interbedded with clay.
 GROUNDWATER DEPTH: Range: 5 to 10 feet.

LEGAL ACTION: Type: State- Federal-

STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed-	Under Design-	In Progress-
NATURE OF ACTION:			Completed-

Map Identification Number 19

K - SCHOLES ST. STATION

Facility Id: 224067

 SCHOLES ST 7 BOGART STS, MESSEROLE & MORGAN AVE.

BROOKLYN, NY 11206

TT-Id: 120A-0006-087

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)

Approximate distance from property: 5007 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: SCHOLES ST / MORGAN AVE

Revised zip code: NO CHANGE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF HAZARDOUS WASTE REMEDIATION
 INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: A
 CLASSIFICATION CODE DESCRIPTION:
 Work is underway and not yet complete.

REGION: 2

SITE CODE: 224067
 DEC ID: 379002

NAME OF SITE: K - Scholes St. Station
 STREET ADDRESS: Scholes St 7 Bogart Sts, Messerole & Morgan Ave.
 CITY: Brooklyn ZIP: 11206

TOWN: New York City
 COUNTY: Kings

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 0.9 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
 None reported

CROSS REFERENCES:
 None reported

SITE OWNER/OPERATOR INFORMATION:
 CURRENT OWNER(S):
 NAME.....:
 ADDRESS..:

SITE DESCRIPTION:
 Location: The Scholes Street Holder Station is comprised of three parcels of land located in Brooklyn, New York, Kings County.

The site is bounded by Scholes Street, Bogart Street and Meserole Street.

Site Features: The main site features include several large warehouse and light manufacture buildings plus a small parking area.

Current Zoning/Use(s): The current land use for the parcels includes both commercial and industrial. The parcels are zoned M1-1, light manufacturing, commercial, community facility.

Historical Use(s): The gas holder and associated buildings operated at the site from at least 1907 until 1933.

Site Geology and Hydrology: The site is composed of unconsolidated clay, silt, sand, gravel overlying southward-dipping consolidated bedrock. Shallow groundwater flow believed to flow generally east, though urban variables may change this on-site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
COAL TAR	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Pre-Remediation: The SC investigation set to begin in early 2012.

ASSESSMENT OF HEALTH PROBLEMS:

The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review.

PROJECT COMPLETIONS:

None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			



NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS



CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 20

CITY BARREL

421-429 MEEKER ST

BROOKLYN, NY 11222

EPA Facility Id: NYD068298835

TT-Id: 240A-0001-368

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 198 feet to the ENE*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11222

USEPA COMPREHENSIVE ENVIRONMENTAL RESPONSE
COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)

SITE INFORMATION

EPA-ID: NYD068298835

Site-ID: 0201593

Site Name: CITY BARREL

Site Street: 421-429 MEEKER ST

Site City/State/Zip: BROOKLYN, NY 11222

NFRAP (No Further Remedial Activity Planned) Status: NO FURTHER REMEDIAL ACTION PLANNED

USGS Hydrological Unit: 02030201

NPL Status Indicator: Not on the NPL

Incident Category:

RCRA Flag:

Non-NPL Status: NFRAP

Non-NPL Stat Date: 09/02/1987

Federal Facility Flag: Not a Federal Facility

OPERABLE UNIT INFORMATION

Operable Unit ID: 00

Operable Unit Name: SITEWIDE

ACTION INFORMATION

Name: Discovery

Start Date:

Operable Unit ID: 00

Lead: EPA Fund-Financed

Completion Date: 04/25/1980

Qualifier:

Name: Preliminary Assessment
Lead: EPA Fund-Financed
Qualifier: NFRAP (No Further Remedial Action Planned)

Fin Budget Src:

Start Date: Operable Unit ID: 00
Completion Date: 09/02/1987
Fin Budget Src: Remedial

Name: Archive Site
Lead: EPA In-House
Qualifier:

Start Date: Operable Unit ID: 00
Completion Date: 09/02/1987
Fin Budget Src:

FINANCIAL INFORMATION

No financial information was provided



NO BROWNFIELDS SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



NO SOLID WASTE FACILITIES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



NO HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS



HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 1) Tank Failures
- 2) Tank Test Failures
- 3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 4) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, Vandalism and Storms.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

- 5) Tank Failures
- 6) Tank Test Failures
- 7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
- 8) Miscellaneous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, Vandalism and Storms.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one-eighth mile in New York City) are mapped and profiled.

Between 0.25 mile (or one-eighth mile in New York City) and 0.5 mile, only the following spills are mapped and profiled:

- * Tank Failures;
- * Tank Test Failures;
- * Unknown Spill Cause or Other Spill Cause;
- * Spills greater than 100 units of quantity; and
- * Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellaneous Spills with less than 100 units located between 0.25 mile (or one-eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.



ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 21 **ENGINE CO. 229 FDNY –DDC** **Spill Number: 9703488** **Close Date:**
 76 RICHARDSON STREET BROOKLYN, NY TT-Id: 520A-0047-908

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (5)
 Approximate distance from property: 558 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: LT MOLINARO – ENGINE COMPANY 229 Spiller Phone:
 Notifier Type: Other Notifier Name: ROBERT COLLIN Notifier Phone: (516) 499-1085
 Caller Name: ROBERT COLLIN Caller Agency: CHESNER ENGINEERING Caller Phone: (516) 499-1085
 DEC Investigator: ADZHITOM Contact for more spill info: LT MOLINARO Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/20/1997		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:
 DURING TANK CLOSURE – SOIL SAMPLE HAS BEEN TAKEN AND THEY RECIEVED
 POSITIVE PID ON ONE SAMPLE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
TRANSFERRED FROM Y.KRIMGOLD.

8-3-2005 Reviewed report received by NYSDEC on June 13, 2005. The report stated that free product is present in wells MW-2 and MW-4. Petroleum absorbent socks have been replaced several times in both wells. Also, the report stated that in July 2001, laboratory analysis identified the product as kerosene. In addition, the report stated that the most likely off-site source is the upgradient neighboring property, which was known to have underground storage tanks. A letter was sent to DDC/URS to inform the City that at NYSDEC request, an investigation was performed at the neighboring property (Spill #0130048, 407 Leonard Street). The investigation results showed no signs of contamination and the spill report for that property was closed. Therefore, the Department requested that DDC/URS repeat the fingerprint analysis of the free product in wells MW-2 and MW-4, and investigate alternative sources for the free product contamination.AZ

9-28-2005 Staff received and reviewed a monitoring report from the City's contractor which stated that free product is present in several wells. The report suggested that the most likely off-site source is the up-gradient neighboring property, which has underground storage tanks. Staff responded that an investigation was performed, at DEC's request, at the neighboring property (Spill #0130048, 407 Leonard Street). The investigation results showed no signs of contamination and the spill report for that property was closed. Staff asked the City to repeat the petroleum fingerprint analysis to help determine the source of the product. This analysis indicated that the product is likely kerosene. Although kerosene tanks were never present at the site, NYFD has practice of mixing kerosene and diesel fuel. There is a diesel AST in the basement of the facility. Staff asked Jane Staten (URS) to investigate the possibility of leakage from the diesel AST into the subsurface through underground lines or other conveyances. AZ

9/26/2006 The site was transferred from URS to Greyhawk on January 1, 2006. In July 2006 Greyhawk reported that due to the lack of documentation from the previous CM, Roux performed a reconnaissance visit to the site. Eight of nine monitoring wells were located and gauged. MW-08 was probably destroyed during ongoing construction activities at the neighboring property. MW-04 continues to contain free product at 0.16'. Absorbent socks in wells MW-04 and MW-02 were replaced. AZ

12-07-2006 Staff received and reviewed a monitoring reports from Roux dated September 22 and November 20, 2006. November report states that Gw sampling was not conducted for April through June 2006 because Greyhawk mistakenly considered the spill closed. Free phase (kerosene) was detected in MW-02(0.03') and MW-04(0.23') during July-September quarterly monitoring event. MW-08 could not be located. Roux recommended reduce frequency of gw sampling and reporting from quarterly to semi-annual since dissolved phase remains only in MW-09, continue quarterly gaging of wells, continue using absorbent socks, conduct additional investigation to determine potential sources of kerosene product (work plan will be submitted to DEC), attempt to locate MW-08. DEC concurred. MW-08 should be located or replaced. AZ

12/22/2006 At the meeting with DDC/Greyhawk on 12/12/2006 DEC inquired about the remedial progress at this site. Greyhawk will advance a few borings to resolve this issue. They will submit a work plan. AZ

2/13/2007 An e-mail was sent to DEC/Roux: "Roux recommended reducing frequency of groundwater sampling to semi-annual at this site. Also, Roux proposed that well MW-08 should be located and sampled in their November 2006 Report. As far as I know, MW-8 has not been located. Well MW-8 should be located and sampled. When sampling results from MW-8 are submitted to DEC, frequency of groundwater sampling will be reviewed." AZ

2/14/2007 Telephone conversation with Brian Morrissey on 2/13/2007: Brian informed me that MW-8 was last sampled in 2002 and

exhibited 15 ppb of total VOC. This information was not included in Roux's quarterly report. Based on this information I approved Roux recommendation for semi-annual groundwater sampling. However, due to the presence of free product at this site, groundwater sampling schedule should be restored to quarterly if dissolved phase contamination appears in more wells. An e-mail was sent to Brian Morrissey (Roux). AZ

6/21/2007 Reviewed report for the site dated April 11, 2007, and received on April 26, 2007. Roux recommended conducting additional site investigation to determine potential sources of kerosene. They proposed collecting soil and gw samples from borings in the alley located between the firehouse building and the adjacent property's degreasing pit. No permanent wells were proposed. UST near Leonard Street belongs to what site? I left a message for B. Morrissey (Roux) asking clarification for the work plan. AZ

6/22/2007 Conversation with Brian Morrissey regarding the proposed Work Plan. I rejected the proposed Work Plan since it did not propose any permanent well installations. Also, I consider, that number of soil borings is excessive. Two wells should be installed in place of proposed boring RXSB07-RXSB09. Also, two wells should be installed between the degreasing pit and the potential site of previous USTs. MW-8 should be either located or re-installed. I requested information regarding diesel fill ports, gasoline fill ports and previous USTs depicted on the plan. Do they belong to the Fire Department or to the adjacent property? Roux will submit a revised work plan and the requested information. AZ

2/11/2008 An e-mail was sent to Roux/DDC/VB/Greyhawk: "I have reviewed Semi-Annual Monitoring Report for the above site submitted in November 2007. The report included the revised Work Plan. However, DEC comments were only partially taken into account. DEC requested installation of two wells between potential site of the previous USTs and the degreasing pit. These wells were not proposed by Roux. Also, DEC requested information regarding ownership of the diesel fill ports, gasoline fill ports and previous USTs depicted on the plan. This information has not been provided to DEC. These deficiencies should be corrected and modified Work Plan with the requested information submitted to DEC. AZ

2/12/2008 Conversation w/Brian Morrissey (Roux). Brian suggested installing two wells in the alleyway as the first step in the investigation. After these wells are installed and sampled, a decision will be made by DEC regarding installation of two additional off property wells at the adjacent property as per DEC's previous request. Also, Roux will provide DEC with the information regarding UST locations at EC 229 property and information regarding the ownership of the former USTs as well as diesel and gasoline fill ports in conjunction with the first stage of the investigation. AZ

10-31/2008 An e-mail was sent to Roux/DDC/Greyhawk/V.B.: "I have reviewed Semi-Annual Monitoring Report for the above site for the period of July 2007 to June 2008 and dated August 4, 2008. Based on the report, the additional site investigation, approved by DEC in February 2008, has not been performed. The submitted investigation plan is approved and should be performed without delay. After proposed wells/borings are installed, a decision will be made by DEC regarding installation of two additional off site wells at the adjacent property as per DEC's previous request. According to the PBS records, a 2,000 gallon fuel oil tank was closed in place at the site. A 550 gallon diesel tank is in active status at the site. Locations of these tanks and their fill ports should be indicated on the plan. Also, location of 275 gallon gasoline tank fill ports should be indicated on the plan." AZ

12-21-2009 Additional investigation work plan approved by DEC on February 11, 2008, February (ASIWP) has not been performed. According to Roux it will be performed by the incoming construction management firm. Intermittent kerosene product is observed in MW-4 and MW-02. An investigation REQUESTED BY NYSDEC (Spill #0130048, 407 Leonard Street) DEC determined that product in MW-2 and MW-4 doesn't appear to be from this potential upgradient source. Roux will continue to use absorbent socks. AZ

8-25-2010 An e-mail was sent to LiRo S. Frank: "I have reviewed Site Turn-Over Status Report. Result of the additional investigation which was approved by DEC should be sent to the Department. Well MW-01 could be removed from the sampling program. Wells M-06 and MW-07 should be replaced." AZ

12-21-2010 An e-mail was sent to LiRo S. Frank, V. Brevdo, F. Ashkan: "Dear Steve, I have reviewed semi-annual sampling/quarterly monitoring and additional investigation report for this site. The report proposed continuation of sampling and adding SVOC analysis to groundwater sampling protocol. Also, report suggested hot spot shallow excavation at boring RXSB-04. These proposals are approved. LiRo recommended removal of wells MW-01 and MW-07 from the sampling program and reduction of gauging to semi-annual, since product has not been observed since 2008. These recommendations are approved. The Responsible Party and Contractors are responsible for the safe execution of the Work Plan."

Elevated levels of soil and dissolved groundwater contamination exist at this site. A series of 11 injection wells were installed at the site. PermeOx slurry was injected in each well. Consultants submitted additional site investigation plan which has been approved by DEC. In June 2010 LiRo performed the revised Additional Revised Investigation Plan. Elevated PID readings and petroleum odor was noted in all seven borings mainly between 5 and 15 ft. bgs. VOC and SVOC concentrations exceeded TAGM soil guidance. Contamination is present just above and at the groundwater table interface. LiRo recommended conducting hot spot shallow excavation to remove VOCs in soil. DEC approved this recommendation. AZ

6-28-2011 Reviewed report for the site dated March 31, 2011. Soil samples collected indicate shallow SVOC contamination above and at groundwater table. Soil below gw table do not indicate contamination. LiRo proposed to conduct hot spot excavation at boring RXSB-04 and DEC approved it in December 2010. Free phase product was detected in RXMW-01 (0.01') and MW-04 (0.22') in November 2010. The product was identified as gasoline. Due to the presence of free phase, quarterly gauging will be conducted. Monthly vacuum truck extraction in wells MW-02, MW04, and RXMW-01 will be conducted for a period of 3 months. AZ

1-9-2012 Reviewed semi-annual report dated October 5, 2011. The shallow ho spot excavation approved by DEC on Dec. 21, 2010 in the vicinity of boring RXSB-04 is scheduled for completion in Fall/Winter 2011. The following email was sent to S. Frank/ F. Ashkan and V. Brevdo:

"Dear Steve,

I have reviewed semi-annual/quarterly report for February- September 2011 and dated October 2011. The report stated that measurable product was detected in MW-04 and was ranging from 0.01 to 0.03 feet. Currently petroleum absorbent socks are in three wells.

LiRo proposed reducing groundwater sampling from semi-annual to annual. Due to the presence of free phase product this proposal is rejected. Sampling should be performed semi-annually. Also, LiRo proposed to remove several monitoring wells from the site monitoring program. The site is monitored only twice a year. The wells proposed for removal exhibited VOC contaminants in the past and located in important monitoring locations. Therefore, these wells should be monitored.

LiRo proposed suspending SVOC analysis. This proposal is approved." AZ

12-6-2012 Reviewed semi-annual monitoring report dated June 26, 2012. The report stated that elevated VOCs above RSCO were detected in boring RXSB-04 from 5' to 6'. Free phase product is intermittently reported in wells MW-02, MW-04, RXMW-02. Product removal has been accomplished by both EFR and absorbent socks. LiRo will submit an excavation bid package for excavation in the

vicinity of boring RXSB-04 in the third quarter of 2012. AZ

LINE TEST ONLY, PETRO TITE, LEAK RATE -.011GPH, WILL EXCAVATE, REPAIR & RETEST (REPAIRS BY ALVIN PETROLEUM).

DEC Investigator Remarks:

Spill remediation is being tracked under spill no. 90-07766. See also spill nos. 05-08671 and 07-10898.

11/6/2000: Reassigned from Sullivan to Sigona. PBS records indicate that 14 x 550-gallon, 1 x 4,000-gallon and 1 x 1,000-gallon USTs were either closed in-place or removed from this site. (Sigona)

12/12/2003: Reassigned from Roberts to Harrington (central office) for management. (Rommel)

5/6/2005: Sent letter to Exxon Mobil approving off-site RI work plan. (Harrington)

7/18/2005: Sent letter to Exxon Mobil approving revised RAP. EFR events @ MW-3 and MW-4 will be conducted semi-annually. FS to address dissolved BTEX @ MW-3 will be submitted along with off-site RI report. (Harrington)

10/7/2005: Sent e-mail to Exxon Mobil approving the sensitive receptor survey. (Harrington)

11/28/2005: Sent Exxon Mobil letters approving the SI report and the supplemental SI work plan for the off-site plume delineation. Additional work was required due to the discovery of free product west of McGuinness Boulevard. (Harrington)

7/31/2006: Approved supplemental SI report. Monthly EFR events will now be conducted at wells MW-3, MW-4, MW-11, MW-12, and MW-15A. Work plan for recovery well installation near MW-15 is expected in October. (Harrington)

10/14/2006: Sent an e-mail to Exxon Mobil approving the SI work plan. Plan calls for the installation of six (6) monitoring wells along the west side of McGuinness Boulevard between Bayard and Newton Streets in order to fully delineate and recover the free product observed in this area. (Harrington)

3/2/2007: Sent e-mail to Exxon Mobil approving the UST divestiture and excavation work plan. EM will be removing all USTs, distribution lines, vent lines, hydraulic lifts, and contaminated soil identified during this effort. (Harrington)

4/20/2007: Sent e-mail to Exxon Mobil approving the SI report which documented the off-site work completed along McGuinness Boulevard in support of LPH recovery efforts. (Harrington)

6/22/2007: PM visited the site along with Kleinfelder personnel. Excavation work has been completed. Report expected in the Fall. (Harrington)

10/29/2007: Sent e-mail to Exxon Mobil approving the Tank Excavation Assessment Report. The revised RAP will be submitted in mid-December. (Harrington)

12/4/2007: PM approved the feasibility testing work plan during a site visit with Kleinfelder personnel. SVE/AS and chem-ox injection technologies will be evaluated. (Harrington)

12/13/2007: PM conducted a site visit during monitoring well installation as part of the recently-approved FS work plan. Field

work began on December 10th. (Harrington)

1/15/2008: Kleinfelder encountered LPH in a newly-installed monitoring well on-site during pilot testing efforts. Kleinfelder personnel contacted the PM, who instructed them to call it in as a spill. The spill number (07-10898) was administratively closed by Region 2 personnel. (Harrington)

5/1/2008: PM sent an e-mail to Exxon Mobil approving the off-site subsurface investigation work plan. This effort will begin to fully delineate the free-product plume west of McGuinness Boulevard. (Harrington)

5/6/2008: PM conducted a site meeting with Exxon Mobil's consultant (Kleinfelder East, Inc.). During the meeting, the PM approved the IRM work plan, which calls for excavation of soils in the area of the former dispenser islands. Given that this area is adjacent to McGuinness Boulevard, sheeting and shoring will be required. (Harrington)

6/24/2008: PM conducted a site visit with Exxon Mobil personnel (Drake) and their consultant (Kleinfelder) in order to discuss recent developments. Apparently, Exxon Mobil has been denied further access to the site by the owner thus delaying implementation of the IRM. Additional off-site investigation will be required due to the continued presence of LPH along McGuinness Boulevard. This will involve well installation further west along Newton Street. (Harrington)

9/7/2008: PM sent an e-mail to Exxon Mobil approving the updated version of the IRM work plan. Work plan calls for additional excavation of petroleum-contaminated soils on-site and post-excavation sampling. Work is scheduled to begin on September 15th. (Harrington)

4/3/09 – Haggerty: approved Excavation Report. With this excavation, over 7000 tons of contaminated soil has been removed from the site. My comments were as follows:

1. A "No Further Action" letter can not be granted for just the on-site soils. If the replacement monitoring wells are installed and groundwater meets with DEC approval, a "No Further Action" letter will be issued for the spill 90-07766 and I will re-open spill 05-08671 for the off-site contamination.
2. Resend the Off-Site Investigation Work Plan under a separate cover. Dave Harrington disregarded the 8/29/08 RRAP and therefore I have not been able to review the work plan contained therein. After I have approved it, I will forward the DOT sidewalk permit letter.
3. I have spoken with the Developer's consultant. The Developer's consultant, George Kavrakis, states the layout of the station has been approved and is not subject to change. Therefore, proceed with the installation of the on-site replacement wells within the next 60 days. I also informed him that if the monitoring wells are damaged during the construction of the new station, it will be their responsibility to re-install them. I have attached the site plan for the new station which appears to match the layout provided in your report.
4. I spoke with the BEST Squad Demolition Supervisor who was holding up the redevelopment at the property and wrote him a letter (attached) requesting he allow redevelopment to begin. Once he receives the letter, he states construction can proceed. According to George Kavrakis, once they receive permission from the BEST Squad, construction will begin. Please coordinate with Mr. Kavrakis (516 298 2355)

6/19/09 – Haggerty: had conference call with Ken Drake (ExxonMobil) and Kleinfelder. New station under construction and will not be completed for the next month. Installation of on-site and off-site MW's will be completed at the same time once construction of the new station is complete.

June 2010 – required additional delineation of MTBE plume

August 2010 – received Supplemental Subsurface Investigation Work Plan. Under review

11-4-10 – Austin – Had a discussion with Sally Dewes of DEC/Albany – Sampling at this site recently yielded the discovery of ethanol, indicating that there may be a new release on this site – we agreed that this would be called in as a new spill report, for investigation by Region 2 Spills – end

March 2011 – reviewed SIR and sent comment email requiring work plan to remediate off-site LPH. EFR events over the past 3 years have not reduced LPH thickness

May 2011 – Work plan overdue

June 2011 – approved plan to increase efficiency of LPH removal using HIT events. Also, the new owner had a Spill called in under the his name due to ethanol detections

November 2011 – Feasibility Report due in December

December 2011 – Feasibility Report under review

January 2012 – using VER events. percent level vapors were being collected. Considering this is ~200ft for the site, it appears a plume of product has broken off for the source. Remedial alternatives being evaluated

March 2012 – met with new Project Manager, Heather Cloud, from GES and discussed project. A plume of free product has broken off from the site and is slowly moving across Humboldt. We discussed the fact that the plume will be persistent for years. She requested 2 months to meet internally as to the next step. I told to look for a possible locations for a SVE system shed in the adjacent properties

May 2012 – nothing substantive regarding a solution has been proposed. Conference call required

June 2012 – approved EMs soil boring/sampling work plan along McGuinness where the product has been consistent for years

December 2012 – GES proposed excavating the sidewalk on McGuinness Blvd into the groundwater to remove the product beneath it. EM fully excavated the station and the remaining contamination has detached from the original site. This site requires more thought. Even if they did excavate the sidewalk which a don't believe the DOT would allow, more product will migrate below the sidewalk due to the groundwater flow direction

Map Identification Number 23 **COMMERCIAL PROPERTY TTF** **Spill Number: 1206982** **Close Date:**
 498 LEONARD ST BROOKLYN, NY TT-Id: 520A-0277-969

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1253 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: COMMERCIAL PROPERTY Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: TJDEMEO Contact for more spill info: JEFF MCKENZIE Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/16/2012		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

5000 gal ust

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Case Manager: Viki Creteur (631 281 0612 Ext 220)

10/27/11 – Austin – Transferring this case from Ahmed to Ketani – end

Map Identification Number 25 **JOHN HULEY** **Spill Number: 1205075** **Close Date:**
 498 LEONARD ST BROOKLYN, NY TT-Id: 520A-0275-745

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1245 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: EZGY KARAYEL – JOHN HULEY Spiller Phone:
 Notifier Type: Other Notifier Name:
 Caller Name: Caller Agency: Notifier Phone:
 DEC Investigator: TJDEMEO Contact for more spill info: EZGY KARAYEL Contact Person Phone: 7186360800

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/2012		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

tank is in place, soil samples confirm contamination

DEC Investigator Remarks:

Sangesland spoke to Ezgy (As-Gee). (See eDocs for Phase 2 Report) She said the property is a 2 story industrial building being sold to a developer who will tear it down for a new residential building. City has placed an "e-designation" on the property because it's changing from industrial to residential. Problem is associated with leaking from a 5,000 gal buried oil tank. Hydro Tech was hired by the potential buyer and found contamination. Hydro Tech will continue to work on the site and come up with a plan to solve the spill problems and close them out.

Map Identification Number 26



N 11TH STREET SIDEWALK

204-214 NORTH 11TH ST
MCCAREN MEWS

BROOKLYN, NY 11211

Spill Number: 0750535

Close Date:

TT-Id: 520A-0049-156

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1810 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: SFRAHMAN

Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/02/2007		UNKNOWN	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

P.W Grosser installed six monitoring wells as part of oil seepage investigation. Free product was encountered in one of the wells on N 11th street, unsure where it is coming from. Other wells were free of petroleum contamination.

DEC Investigator Remarks:

07/10/07 As per discussion with RSE and Jeff Vought of DEC, this new spill case has been created to open a PIN project and perform investigation by a state funded contractor. (SR)

07/16/07 I met with National Environmental at the site and explained the site's current situation to Bruce Beck, handed him over previous investigation data. National Env. will prepare a new investigation work plan, will be executed after DEC's approval. (SR)

07/17/07-Vought-Meeting held with DEC Nagi, DEC Austin, DEC Brevdo, DEC Sun, DEC Vought, DEC Karwiel and DEC Cruden to request permission to use non-lowest bidder contractor due to prior performance issues with National and high visibility of site to surrounding public. Permission granted to use second highest bidder (Envirotrac) by DEC Albany and DEC Nagi.

07/20/07 Site meeting on 07/23/07 at 11:00 AM with Envirotrac. Jeff vought will attend the meeting on behalf of DEC.

07/23/07-Vought-As per DEC Austin, DEC requires: 1) delineation via installation of semi-circle of monitoring wells around MW1 including one well in street and two in sidewalk 2) groundwater monitoring and sampling from all onsite and offsite wells. Site visit with EnviroTrac (Dave Lorthior) and Vought provided copies of all previous reports on CD, copies of spill report, contractor work authorization form, site plan and discussed scope of work. On site is six story building under construction will

full scaffolding along N. 11th Street. To perform scope of work, contractor must both get a sidewalk permit and a street opening permit. Note that gas line may be immediately adjacent to curb and water and or sewer run down N. 11th Street. Vought discussed scope of work with Austin who required that markouts be performed and Schwatz be contacted with respect to date of scaffold removal. Vought called PW Grosser (Kris Almskog 631-589-6353) and left message to return call. Once schedule of scaffolding is determined, notification will be made to EnviroTrac for markouts to ensure that they are valid.

To consider: Sampling at the the former UST location was never considered and never reported. Furthermore the location of the fill line and the supply return lines to the boiler were never known and no tightness testing or information is available in the file. Project manager may want to consider investigation on sidewalk adjacent to tank at most likely location of former fill line. Project manager may want to consider submission of documentation of soil sampling during UST removal and tightness testing data and former fill line location.

07/31/07-Vought-As per DEC Austin, DEC requires: 1)delineation via installation of semi-circle of monitoring wells around MW1 including one well in street and two in sidewalk 2)groundwater monitoring and sampling from all onsite and offsite wells. Vought also will: 1)send notification to PW Grosser for collection of split samples and or witness to boring 4)Send email to envirotrac with scope request notification with status of street opening permit. Vought spoke with DEC Austin and as per Austin if wells show product then further delineation will be performed in second phase. Vought sent email to Envirotrac with requirements and also cc'd PW Grosser (Almskog).

08/1/07-Vought-Called:

Issac Schwartz
Cell(917) 282-6071
office:(718)218-8330

Dave Yudelson (Sive Paget)
Cell (917)295-6449
Office: (212)421-2150
D.Yudelson@sprlaw.com

Kris Almskog
Office: (631)589-6353
KrisA@pwgrosser.com

Vought sent email to above, DEC Austin and Envirotrac Lorthior requesting Lorthior to submit possible drilling dates after investigation into sidewalk permit, street opening permit and markouts.

8/013/07 Rec'd email from Envirotrac(Tom Bosshard).DOT permit for well installation is delayed due to a bonding issue with the NYC DOT.Envirotrac also looking into subcontracting the permit expediting service to another company that may already have DOT bond approval.As per request, I wrote a letter to DOT requesting to expedite the permit process.(SR)

08/30/07 I spoke with Frank Jiran of Envirotrac regarding the DOT permit.The original project manager Dave Lorthior is on vacation.The tentative date for well installation was set for September 5th,07, provided that the permit will be secured by this time.As of now, the permit is not available yet.(sr)

09/05/07 Well installation took place today.DEC Jeff Vought and Sharif Rahman were present at the time of well installation.Two

wells were installed on side walk, on both sides of existing MW that collecting oil in it. Two soil samples, one at 5–7' and other one at 7–9' were collected for analysis. At 9–11' free product was encountered. Monitoring well on street could not be installed due to presence of utility lines closely located to each other. PW Grosser rep Richel also took soil sample, on behalf of the developer(sr).

09/12/07 As per RSE's recommendation one well was installed on N. 11th street as part of oil source investigation. According to EnviroTrac project manager Dave Lorthior, no soil contamination observed above water table. Gross contamination was found at 1.5' below water table beneath the clay layer. One boring was advanced at approximately 14' east of MW-1, got refusal at 7'. Gross soil contamination observed at 6–7'. Samples were taken for analysis. PW Grosser rep also collected sample from this one. I left the site at that point, Envirotrac will do more on the side walk today and Friday, 14th. I called Kris Almskog of PW Grosser and requested him to send DEC the photographs of the site at different stages of soil excavation taken from different area of the site including the UST location.(sr)

09/27/07 Two new wells and two soil borings near the existing wells were advanced on north side N 11th street today. Gross contamination observed below water table between 10–15 ft.(SR)

03/07/08 Department's letter requiring aggressive contamination removal from underneath the sidewalk went out to P.W. Grosser Consulting on 02/12/08. The letter asked to perform removal of contaminated soil and free product from underneath the side walk by excavating, as technically practical and feasible. Letter was approved by RSE and DLA. We had a meeting with DEC Vought, RSE Mr. Austin, John Urda and DEC Sharif Rahman in RSE's office and discussed P.W. Grosser's response regarding their proposal to VEFR the wells only, instead of excavation and removal of gross contamination underneath the sidewalk. RSE Mr. Austin opined that due to poor transmissivity of the oil, quantity of accumulation to the wells is also nonsignificant. Therefore, without excavation, VEFR will not work well to recover free product from underneath the sidewalk. RSE recommended to contact Key Span Energy to study feasibility of excavation near their gas main to remove contamination. A meeting with property owner's consultant, counsel was scheduled on 03/13/08 at DEC office to discuss about remedial strategy.(sr)

03/17/08 A meeting was held on 03/13/08 at DEC region 2 office with P.W. Grosser(Kris Almskog), Proper owner Issac Swartz and Mr. Firetog. On DEC side– John Urda, Randall Austin, Jeff Vought and Sharif Rahman. DEC explained that due to the fact that ground water flow direction is from the site to the north and an UST that had oil in it with strong evidence of oil release to the ground, the site 204 N 11th Street is the most potential source of this oil contamination and there was no other source found. It was decided that PW Grosser will prepare revised work plan to excavate and remove contamination from the sidewalk after consulting and keeping KeySpan in the loop. KeySpan has to be notified and clearance is needed from them in order to excavate near gas line. KeySpan Energy's contact info was given to P.W. Grosser. As per RP's request to close out this spill, DEC decided to close Spill 0750535 after the cost of investigation is paid by McCarren Park Mews. Issac Swartz agreed to pay the bill for investigation done by Envirotract. Total cost of the investigation was provided to John Urda for dispatching to McCarren Mews. It was also discussed to analyze ground water quality once excavation and removal of gross contamination is completed.
(sr)

05/27/08 I called Dave Lorthior(EnviroTrack) and requested him again to send DEC a confirmation letter when the bill for PIN job is paid by McCarren Park Mews so that I can request DEC central office to take off the PIN number and spill 0605974 can be closed as per the stipulation agreement. Spill#0750535 will remain open until the remedial work is completed as per the Corrective Action Plan(CAP).(sr)

06/02/08 I spoke with Envirotract's project manager Dave Lorthior regarding the bills, he said they have been paid and he would

send us the confirmation by today. Erin Gaus from Test America(Lab) also told me the same. Once we receive the confirmation letter, this spill case will be closed. I contacted with Kris Almskog of P.W. Grosser to get the update on the sidewalk excavation job. As per Kris, A.B. Environmental was hired to perform the work, application for side work permit has been submitted to NYC DOT. Kris also indicated that as part of IRM, wells will be monitored today. (sr)

06/06/08 Rec'd letter/e-mail from Envirotract and Test America confirming that the invoices were paid in full and there is no other bill unpaid associated with spill#0750535/PIN 04394. As per Stipulation agreement, R2-20080502-236 and consent from RSE and DLA(John Urda), spill#0605974 is closed.

** Additional remedial activities will be carried out under Spill#0750535** (sr)

** 06/18/08 I stopped by the site and observed some soil excavation taking place at the south west side proposed parking lot area, soil has black stain and it has odor. I suggested to take soil samples from the bottom of the excavation in a grid pattern and perform air monitoring today and after. P.W. Grosser(Chris Almskog) sending crew to take samples today, as per our conversation today. I also suggested Isaac Swartz to cover the stockpiled soil in order to prevent the odor from spreading. Chris Almskog indicated that they are working with Keyspan and Contractor A.B. Environmental to schedule the excavation and removal of contaminated soil from under N 11th street sidewalk. (sr)**

06/23/08 I responded to the site with DEC Hasan Ahmed. P.W.G.C rep Jennifer Lewis, AB Environmental, National Grid(KeySpan) rep Douglas Laregina were present at the site. AB Environmental started excavation at MW-1 location. With Keyspan's approval the excavation dimension was approx 9' deep, 2' wide and 4' long along N 11th Street. Free product found in the excavation hole that was sucked out by A.B. Environmental. Excavation will be back filled today as there is safety issues involved, but will be reopened for more excavation and installation of recovery well. I told PWGC and Isaac Swartz that actual dimension of the excavation for efficient and safe recovery of the soil/oil contamination must be determined by a licensed Professional Engineer as per DEC's letter Feb 12'2008. MW-11 was checked for product by a stick and free product was found. MW-12 and MW-4 are also the potential location for free oil contamination. (sr)

06/26/2008-Hasan Ahmed-DEC Ahmed and Vought went to the site. Kevin Waters from PWGC, AB Environmental, a representative from National Grid(KeySpan) were present at the site. AB Environmental started excavation at MW-12 location. With Keyspan's approval the excavation dimension was approx 7.5 ft deep, 2' wide and 5' long along N 11th Street. Free product was noticed in the excavation that was vacuumed out by A.B. Environmental. Excavation would be back filled today. PWGC would replace the existing MW12 with a 6" recovery well. Pictures were taken of excavation and free product in groundwater.

06/30/08 I spoke with Chris Almskog today and asked him the status of the excavation. Chris indicated that PWGC and A.B. environmental went there on 06/26/08 and 06/27/08 an excavation to other places took place with supervision of a licensed professional engineer, in order to determine the extent of excavation without compromising the existing utility lines. Chris also indicated that PID monitoring was done while excavation and removal of contamination going on to identify air quality deterioration. I told Chris Almskog to take end point samples before backfilling, as I was told to do by RSE. I also asked about additional excavation near MW 1, most contaminated area on N 11th-Chris said that he would check it with A.B. Environmental and get back to DEC with written explanation from a P.E if additional excavation was not possible due to structural/utility issues. (sr)

07/03/08-Vought-Site visit by Vought as per DEC Austin. Site backfilled and crew onsite placing rebar for foundation and concrete pouring. No observable soil contamination via olfactory and visual however soil also was also very unconsolidated suggesting fresh backfill. No odors emanating from site. Noted beginning demolition of adjacent site at 320 Roebing.

08/28/08 Rec'd side walk excavation report from P.W. Grosser. Due to the presence of two high pressure gas main beneath the sidewalk, a KeySpan/National Grid rep was on site and provided guidance during all soil disturbances. Soil in the vicinity of MW 1, MW 4, MW 11, MW 12 were removed utilizing Guzzler Truck down to approx. one to two ft below the water table. Free floating product was also removed from the excavation area. Excavation limits were determined based on field observations and limitation imposed by onsite National Grid rep based on the buried gas main. On 06/23/08 excavation around MW 1 began and continued on 06/26/08 to the west of MW 1. Upon excavation of soil below ground water, LNAPL was observed and removed four times using a pump truck to skim the surface of the ground water. A 6" monitoring well was installed to the west of that area. Excavation near MW 12 was approx. 7X3' and 9ft deep, followed by 6" monitoring well installation. Excavation near MW 11 was 8X3' and near MW 4 was 5x2.5 ft. MW was installed after each excavation. Bi monthly monitoring of the wells will continue until no measurable product is identified for three consecutive monitoring events in each individual wells. Product will be removed utilizing hand bailers and absorbent pads as needed. Quarterly status report will be sent to DEC. (sr)

09/24/08 I was at the site this morning when P.W. Grosser rep monitoring the wells. MW-1 had 3" of free product. MW-7/MW-8 did not have any product in it. I left the scene while P.W. Grosser rep performing the measurement of the other wells. (sr)

12/12/08 3rd quarterly report rece'd on 11/22/08. MW 15, RW-12, MW-1, MW-11 showed presence of free product (0.01ft-0.20ft). Product thickness decreased to some extent. I called PW Grosser and recommended to develop the wells for greater recovery of the product. I also asked for recent data table for the well monitoring result. (sr)

** Next quarterly report will be available in February '09**

01/13/09 Rec'd email from P.W. Grosser (Kris Almskog) indicating diminishing trend of free product in MW-1 (0.01' on 01/09/09) and RW-12 (0.08' on 01/09/09). A total of 13 gallons product has been removed this month. (sr)

02/26/09 Spoke with Kris Almskog and told him that aggressive recovery has to be performed at this point via developing wells and VEFR. Kris Almskog will talk to the property owner and let DEC know about his response. (sr)

05/07/09 Spoke with Issac Swartz and asked him to perform the product recovery in our presence by a health and safety trained crew and the waste has to be disposed properly. I also asked him to develop the well on order for better recovery of the product from wells. (sr)

08/04/09 P.W. Grosser no longer represents 204 N 11th owner, and has not been doing any remediation work due to non payment. I spoke with Issac Swartz this morning and he told me that the bank (lender) may take over the property, in that case bank will be responsible to carry out the remedial activities. Mr Swartz will let us know about the bank's decision soon. (sr)

02/03/10 McCaren Park Mews LLC owns the property now (Capital One Bank did not take over). Mr. Schwartz told me few days ago, P.W. Grosser will be rehired to continue the remedial works. Spoke with Kris Almskog (P.W. Grosser) this morning, P.W. sent a proposal to MacCaren Mews with scope of remedial work, waiting for approval. Left a message for Mr. Schwartz asking the status of the proposal. (sr)

02/23/10 MW monitoring took place on 02/19/10 morning by P.W. Grosser. (sr)

05/20/10 PW Grosser no longer representing McCaren Mews LLC. Left message for Mr. Issac Swartz asking the status of the wells. Recent monitoring data from 04/02/10 showed RW-12 (0.16 ft), MW-1 (0.02 ft) product. (sr)

03/04/11 Rec'd monthly Well gauging and product recovery data for October 2010 to December 2010. During the fourth quarter of 2010, measurable product was found in wells MW-1, MW-8, MW-13, RW-11 and RW-12. Approx 5 gallons of product have been recovered during the fourth quarter of 2010.(sr)

Map Identification Number 27 **MOBIL** **Spill Number: 8908110** **Close Date:**
 51 KINGSLAND AVE BROOKLYN, NY TT-Id: 520A-0044-672

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1825 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: SUNOCO S/S - BKLN-A Spiller Phone:
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: MR KENNY Caller Agency: NYFD Caller Phone: (718) 389-2491
 DEC Investigator: MJHAGGER Contact for more spill info: Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/15/1989		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

DURING EXCAVATION OF TANK CONTAMINATED SOIL DISCOVERED IN PITS - PUMP-ING CONTAMINATED SOIL & WATER OUT OF PIT INTO STREETS - DEP RESPONDED & FOUND ONLY CONTAMINATED SOIL & SLIGHT SHEEN IN TRENCH.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"

12/10/2003 Reassigned from Tipple to Sun.

11/7/05: Project reassigned from Sun to Andersen. Sent letter saying investigation was required by 1/2/06.

12/6/05: Letter returned to sender, unclaimed. USPS wrote the address 159–59 78th street on the letter, instead of the address I sent it to: Donato Passarella 159 78th Street, Queens, NY 11414.

1/23/06: Resent letter to 57 Kingsland Realty Corp., 57 Kingsland Avenue, Brooklyn, NY 11211 Attn: Hussein Mustafa, as per the current owner on Property Shark.

2/3/06: An attorney for Mr. Mustafa called. She said that 51–57 Kingsland is owned by Mr. Mustafa and that 61–65 Kingsland is owned by Denato Passarella, and that the gas station is on 61–65 Kingsland. She will fax me a letter confirming this from the Department of Finance. Need to resend letter to Denato Passarella at 61–65 Kingsland. Changed address on spill report to 65 Kingsland Avenue.

2/9/06: Letter was returned. Resent letter to:

Donato Passarella
Kingsland Service Station
51 Kingsland Avenue
Brooklyn, NY 11211

2/13/06: Spoke to John Passarella (related to Denato Passarella) (718–389–6133). He said the correct address is 51 Kingsland Avenue. Changed address on spill report back to 51 kingsland. He said that Mobil owned the tanks at that time, but that he owns the property and the gas station. All old tanks were removed and new tanks installed in 1990. John Passarella will ask the old owner if they have and documentation of the tank closures.

4/5/06: ExxonMobil contact: Melissa Tacchino, 908–730–3610, melissa.w.tacchino@exxonmobil.com. Called Melissa Tacchino and left her a message. She called back and said that EM has never operated or owned this property.

4/13/06: Spoke with John Passarella and he confirmed that Mobil owned the tanks in 1989 and were in charge of the tank excavation.

7/26/06: Referred to NYSDEC Legal Department.

4/28/08 – Carlson: Spoke to John Passarella (718–389–6133). They received a letter from the legal division. They requested a 60 day extension to investigate this spill.

12/23/09 – Carlson: Received investigation work plan from ExxonMobil, dated 12/7/09. Six borings/monitoring wells proposed. Issued approval letter.

Ken Drake
ExxonMobil Environmental Services

U S Retail Remediation Project Manager
297 Route 72 W
Suite 35, #285
Manahawkin, NJ 08050-2890
kenneth.j.drake@exxonmobil.com

5/25/2010 – Carlson: Performed site visit. They were hand clearing boreholes. Boreholes will be completed as wells starting tomorrow (three days expected).

5/27/2010 – Carlson: Spoke to Joel Adrian. Product found in one of new wells. Product will be fingerprinted and tested for ethanol. If it is new product a new spill will be called in.

9/9/2010 – Carlson: Received phone call. 2 ft of product present. Product will be ID'd again.

9/15/2010 – Carlson: Spill No. 00-02006 consolidated with 89-08110. Received Subsurface Investigation Report. Six monitoring wells installed. Product present in three wells. Product ID'd as weathered gasoline. Legal Division is negotiating a consent order. Case may be referred to central office.

11/2/10 – EM did foil and complained they did not receive TTT reports. Station is delinquent since January, yet TTT may not be required. I can not tell from registration, which has omissions and questionable entries. Moses found registration deficiencies during recent PBS inspection and told Donato to correct them pronto. There is even uncertainty over the correct street address for the station (see the beginning of these notes). Moses would know if the station has a Veeder-Root doing LD on dw UST and dw pipes. (Breen)

3/2/11 – Haggerty: assumed project management from Andre Obligado

March 2011 – Spoke with EM, they agreed to perform SI. Work Plan approved

April 2011: Kleinfelder still working on Access Agreement with property owner

May 2011 – Owner reluctant to sign Access Agreement. He called me because he states that shutting down his station for 6 days would do irreparable financial damage. I explained that if he doesn't allow EM on the property to perform the investigation, the state will be forced to. The off-site MW's will be installed in June

June 2011 – no resolution between the owner and EM has been reached concerning access to perform the work

August 2011 – according to both the station owner, John Passeralla (347-610-3088) and EM, settlement for lost business is close and access should be granted soon

November 2011 – Access Agreement signed between owner and EM.

December 2011 – 6 new MW's installed on-site

February 2012 – SIR for the on-site investigation due in mid March. Product encountered on-site. EM sent out Vac truck

April 2012 – reviewed and commented on SIR for on-site well installation. The Departments position is that EM is responsible for the gasoline contamination and the current owner is responsible for the diesel contamination. John Urda is pursuing a CO with EM

June 2012 – PM required monthly Dual-Phase extraction events until a RAP is submitted.

August 2012 – EM fingerprinting report under review. Left message with Attorney, John Urda. The report implies EM is partly responsible but also states that the gasoline the owner is selling contains MTBE and is breaking the law

December 2012 – A RAP was submitted which includes pilot testing to determine the best method. Also spoke with Julie de la Fuente at Kleinfelder. She states that EM is considering excavation as long as the owner would agree. They asked for 30 days to submit the CAP and the extension was approved 12/26/12

Map Identification Number 28 **COMMERCIAL PROPERTY** **Spill Number: 0703695** **Close Date:**
 454 DRIGGS AVE BROOKLYN, NY TT-Id: 520A-0038-156

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1930 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: DAVE YUDELSON – COMMERCIAL PROPERTY Spiller Phone: (212) 421-2150
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: vszhune Contact for more spill info: DAVE YUDELSON Contact Person Phone: (212) 421-2150

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/29/2007		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

RAPHAEL KATENI FROM DEC REGION 2 OBSEVED TANKS BEING REMOVED SEVERAL MONTHS AGO WITH NO PROBLEMS, RECENT SOIL SAMPLES SUGGEST

CONTAMINATION: RAPHAEL KATANI WAS ADVISED ROUGHLY 1/2 HOUR AGO:

DEC Investigator Remarks:

6/29/07 – Raphael Ketani. The site is at the corner of 12 Street and Driggs Avenue in Brooklyn. It is a vacant lot that had 2 tanks in a vault. The tanks were pulled many months ago and contaminated soil was found. Otherwise, there are no other significant issues with the site.

The PBS registration is for 432 Driggs Avenue (one of the alternate addresses). The PBS is #2–282464. A 3000 gal. tank with #2 oil was closed in place on 12/1/69. (I had thought I saw 2 tanks during my site visit months ago.)

The site is block and lot 02291 and 0017. The owners are 432 Driggs Avenue Corp., 432 Driggs Avenue, Brklyn, 11211–1116. Other listed owners are Edward H. Freiberger, 9 Prospect Park West, Brklyn., 11215, and Gary R. Goldberg, 11 Woodlawn Avenue, Great Neck, NY, 11023.

The attorney for the owners is Dave Yudelson (212) 421–2150/cell (917) 295–6449 at Sive Paget & Riesel, P.C., 460 Park Avenue, NY, 10022–1906.

7/16/07 – Raphael Ketani. Mr. Yudelson called me. Soil samples were taken in the vault area and they came back with oil contamination. He said that the parking lot has the tank vault area and it will be dug up, and end–point samples taken. I told him I wanted to see the site when everything is dug up and fresh soil is exposed. He said that there is a small building adjacent to the site and this will also be knocked down. He added that I will be called to see the site once the soil and building are removed.

10/2/07 – Raphael Ketani. I tried to contact Mr. Yudelson, but could only leave a message.

10/3/07 – Raphael Ketani. I received an e–mail from Mr. Yudelson stating that DEP just gave permission to do the digging and that he will let me know when they will start.

11/28/07 – Raphael Ketani. I tried to contact Mr. Yudelson, but could only leave a message.

Mr. Yudelson called me back. He said that they are waiting until they get all of the building plans before any work takes place. The documents have to be submitted to the City before anything can happen.

1/9/08 – Raphael Ketani. I tried to contact Mr. Yudelson at (212) 421–2150, but could only leave a message.

1/10/08 – Raphael Ketani. Mr. Yudelson sent me an e–mail that the owner is presently demolishing the building and will begin excavation in the next 3 weeks. He will let me know when the excavation starts.

4/8/08 – Raphael Ketani. I tried to contact Mr. Yudelson, but could only leave a voice mail on his cell (917) 295–6449.

4/17/08 – Raphael Ketani. Mr. Yudelson called. He said that excavation at the site will probably take place in 2 to 3 weeks. He said that getting the permits from the City was holding things up. The financing for the project will also come along in 2 to 3 weeks.

8/18/08 – Raphael Ketani. The case is being prepared for transfer due to a case realignment within the unit. The case manager needs to make followup calls to check on the progress of the investigation and remediation. The DEC needs to receive the investigation/remediation report and the revised PBS registration for two tanks.

11/18/11–Vought–Received email from EBC Sosik that "My understanding was that DEC was going to close the spill on this one. Its still shown as open on the database. Please advise. Thanks." Vought replied that " must admit this may be one of the sites that I assisted Veronica Zhune (who is the current PM) on. Please remind us of the site status and any discussions you, possibly I and Veronica had. I checked the Spill notes and no mention of prior conversations were noted so please refresh us'. Vought cc'd DEC Zhune on reply.

08/22/12– DEC–Jeff Vought, DEC–Veronica Zhune and OER– Shaminder had a conference call to discuss futher actions to this site. Shaminder will sent the Remedial Action Plan to DEC and the NYCDOH for review.

08/28/12– Hannah Moore sent the Remedial Action Plan dated 02/15/12.

the Department has no objections to the Remedial Action Work Plan prepared by Environmental Business Consultants dated February 15, 2012. After discussion with Randy, the Department will be keeping the spill open until we receive a Remedial Action Report (including the confirmation soil sample analyticals) as per Path 1 of Addendum to the MOA between DEC and OER.

Map Identification Number 29**PROPERTY**

55 ROEBLING ST

BROOKLYN, NY

Spill Number: 0503901**Close Date:**

TT-Id: 520A-0044-434

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2084 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: RACHEL ATAMAN
 DEC Investigator: SKCARLSO

Spiller: RACHEL ATAMAN – PROPERTY
 Notifier Name: RACHEL ATAMAN
 Caller Agency: HYDRO TECH ENVIRON.
 Contact for more spill info: RACHEL ATAMAN

Spiller Phone: (631) 462-5866
 Notifier Phone: (631) 462-5866
 Caller Phone: (631) 462-5866
 Contact Person Phone: (631) 462-5866

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
06/30/2005		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE		PETROLEUM	0	GALLONS	0	GALLONS	SOIL
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DOING SAMPLES. CLEAN UP IS NOT IN PROCESS.

DEC Investigator Remarks:

gasoline contaminated soil

need to track down the property owner and then prepare/send a contaminated soil letter.

11/21/05 – Mr. Ted Firetog, Attorney of owner which is Dekalb Aquisition Entity called. He said they never got any letter from DEC. He aslo mentioned a report was given to Ed Rossan when Ed was out at the site for inspection on July? I requested Mr. Firetog to submit the report to me for review. – KST

12/2/05 – Mr. Firetog fax a letter requesting closure. I called him back and asked for the report again. He said he will email to me by Monday. – KST

12/8/05: Case transfered to Andersen. Reviewed above noted Waste Characterization Report. No Furthur action letter sent. Low level contamination due to old fill material. Acetone present probably from laboratory analysis.

12/29/05–Vought–Received message from Jack Eisenberg (917–494–9097) regarding status of spill. Vought referred call to DEC Andersen.

05/17/07–Vought–New File review by Vought due to possible concerns that this site contributing to contamination at open spill #068858 at 234 North 9th Street.

Waste Characterization Report (PW Grosser)–12/5/05. 24 samples collected beneath concrete slab "to characterize soil quality". Two samples from each boring were collected. "...it is our understanding that the purchaser intends to excavate the entire site to a depth of twelve feet". Soil analyticals show: 220ppb benzene(WC–03 8–12'bg), 210ppb benzene(WC–11 8–12'bg), 1700ppb xylene(WC–12 2–4'bg), 87ppb benzene(WC–12 8–12'bg).

Remedial Action Plan (PW Grosser)–March 2006. Site formerly contained three gasoline USTs as per Sanborn maps, and one 1500–gallon fuel oil UST as per Phase I. Collection of 32 soil samples and five groundwater samples via installation of twelve

soil borings. Depth to groundwater is approximately 8–12' below grade. Vapor barrier installation specifications included. Remedial action plan calls for excavation of soil in two areas of concern. and excavation up to a depth of ten feet. Closure Report will be submitted once items in Remedial Action Plan are completed.

Subsurface Investigation Report (PW Grosser)–3/27/06. 14 soil borings performed and Soil analyticals show: 1100ppb benzene(SB1 12–16'bg), 1700ppb xylene(Sb1 12–16'bg), 5500ppb tert–butylbenzene(SB1 12–16'bg), 1400ppb benzene(SB2 4–8'bg), 13000ppb xylene(SB2 4–8'bg), 51000ppb tert–butylbenzene(SB2 4–8'bg), 10000ppb toluene(SB2 4–8'bg), 220ppb benzene(WC–03 8–12'bg), 210ppb benzene(WC–11 8–12'bg), 1700ppb xylene(WC–12 2–4'bg), 87ppb benzene(WC–12 8–12'bg). Groundwater analyticals show: 660pp benzene(GW–01 20–24'), 170ppb toluene(GW–01 20–24'), 270ppb ethylbenzene(GW–01 20–24'), 340ppb xylene(GW–01 20–24'), 420ppb naphthalene(GW–01 20–24'), 3200ppb benzene(GW–02 14–18'), 2200ppb toluene(GW–02 14–18'), 270ppb ethylbenzene(GW–02 14–18'), 1600ppb xylene(GW–02 14–18'), 3900ppb naphthalene(GW–02 14–18'), 37ppb benzene(GW–03 18–22'bg), 7ppb ethylbenzene(GW–03 18–22'bg), 15ppb xylene(GW–03 18–22'bg), 170ppb naphthalene(GW–03 18–22'bg), 69ppb benzene(GW–04 20–24'bg), 11ppb toluene(GW–04 20–24'bg), 600ppb ethylbenzene(GW–04 20–24'bg), 86ppb naphthalene(GW–04 20–24'bg), 470ppb benzene(GW–06 15–19'bg), 9ppb toluene(GW–06 15–19'bg), 11ppb ethylbenzene(GW–06 15–19'bg), 46ppb xylene(GW–06 15–19'bg), 110ppb naphthalene(GW–06 15–19'bg). Slight petroleum odor and sweet chemical odor noted in boring logs. Vought referred new information to DEC Carlson for possible spill reopening.

5/17/07: Spill reopened. Called DEP Project Manager and left message :

Terrell Esesen
NYCDEP
59–17 Junction Boulevard
Flushing, NY 11373
Phone: 718–595–4473

Called PW Grosser project manager and left message:
Kris Almskog: 631 589 6353, krisa@pwgrosser.com

Spoke to Terrell Esesen. DEP issued a notice to proceed with redevelopment. He has not heard anything since. A Notice of Satisfaction (required for a building department CO) has not been issued. Indoor air sampling is required for a notice of satisfaction. CC DEP on correspondence.

Spoke to Kris Almskog. The building was demolished. Excavation was not started yet. Split samples were collected in coordination with spill 068858. He will send info on split samples and an update on redevelopment.

5/18/07: Sent letter requiring endpoint sample collection, a RAP addendum with the location of excavation and a workplan for groundwater treatment, delineation north and south of the planned building.

5/21/07: Spoke to Kris Almskog. Hot spots were already excavated. Endpoint samples were not collected. Test pits will be dug to find to collect soil samples at the depth that was excavated. Will submit site plan with proposed well locations. Will submit RAP after well installation. Test pits expected to be dug on Friday. Footing have been installed. Vapor barrier installation planned in the next couple of weeks.

6/6/07: Spoke to Kris Almskog. Test pits were dug in the areas excavated, endpoint samples were collected at the depth that was excavated. Wells will installed soon. Some foundation work has been completed.

6/20/07: Emailed Kris Almskog to followup on status.

6/22/07: Received email from Kris Almskog:

"Due to changes in surface elevations due to construction activities, groundwater was observed at approximately 8' BGS at SP-01 and 10' BGS at SP-02, at the time of the sample event. Because of a slight staining in the soils in the SP-01 7-8' sample, a second sample was collected from 10-11' BGS (below the water table). Results are summarized in the attached table. VOCs in the endpoint samples from this round of sampling were all below NYSDEC RSCO, with the exception of 4-Isopropyltoluene in SB-02. This is a significant decrease when compared to the results detailed in the March 27, 2007 Subsurface Investigation Report.

Due to site conditions due to construction, the installation of the monitoring wells was temporarily postponed. It is estimated that the wells will be installed in approximately 2-3 weeks. Following installation and collection of gw samples, a report detailing the soil endpoint and gw sampling results will be prepared and submitted.

As detailed in the March 2006 RAP, there will be no living space on the first floor of the finished building, just parking and a recreation area, and a 20 mil HDPE vapor barrier will be installed beneath the buildings slab. The vapor barrier and the slab will be installed next week. Once access is available, we will install the 3 monitoring wells detailed in our work plan."

6/25/07: Performed site visit. Pilings were being installed. Pilings installed to 8 ft, (10 ft for elevator pit). Vapor barrier in rear portion will be installed this week.

6/29/07: Received email from Kris Almskog indicating that the slab was not yet installed, well installation tentatively planned on July 13, requested additional letter with well locations for DOT permit.

7/2/07: Sent letter with specific well locations for DOT sidewalk permit.

7/12/07: Called PW Grosser to confirm well installation date. Well installation delayed for DOT sidewalk permit.

8/9/07: Left phone message for Kris Almskog to followup on well installation/sampling.

8/13/07: Received phone message from Kris Almskog. Three wells were installed. They will be sampled and the results submitted.

9/21/07: Left voice message for Kris Almskog to followup on update report.

10/12/07: Left voice message for Kris Almskog (cell: 516-807-6899) to followup on site status and update report submission.

10/18/07: Reviewed subsurface investigation report. Soil samples collected from two test pits at depth of excavation in hotspots. No VOCs except isopropyltoluene. SVOCs that are likely from fill. Four monitoring wells installed. Max BTEX 2760 ppb (MW4), MTBE ND. Sent letter requiring RAP for groundwater treatment, quarterly monitoring, and submittal of indoor air sampling results that is required by DEP.

3/4/08: Reviewed letter dated 2/8/08. Letter concludes there may be an off-site source to the east, although the property to the east is residential. Spoke to Kris Almskog, requested that an additional well be installed to the east, on the sidewalk.

3/5/08: Issued a letter requesting an additional on-site well and an additional off-site well.

3/31/08: Received phone call from Ted Firetog following up on site status.

4/2/08: Reviewed well installation report dated March 19, 2008. Report did not include boring logs or gauging data. Spoke to Zeb Youngman, he will send data.

4/3/08: Received phone call from Ted Firetog following up on site status.

Theodore Firetog
Attorney and Counselor at Law
111 Thomas Powell Boulevard
Farmingdale, NY 11735-2251

Received boring logs, well construction logs, and gauging data. Groundwater flow is south/southwest.

4/15/08 – Carlson: Sent letter requiring a well on the south side of N 8th street, and quarterly gauging, sampling, and reporting.

5/8/08 – Carlson: Spoke to Ted Firetog. He proposed waiting to install an additional well until after the next quarterly sampling period. He will offer recommendations on well installation in the next quarterly report.

8/28/08 – Carlson: Reviewed Quarterly Report dated July 28, 2008. TVOCs 3,421 ppb in MW4. The groundwater flow direction is unclear. Sent letter requiring delineation workplan by 9/28/08. Additional wells are required to confirm groundwater flow direction and to delineation petroleum groundwater impact.

12/8/08 – Carlson: Spoke to Ted Firetog. An additional well is still required upgradient to confirm the possibility of an off-site source.

1/14/09 – Carlson: Spoke to Ted Firetog, they will submit workplan for upgradient sampling. Issued letter and stipulation agreement requiring workplan for upgradient delineation. (Ted Firetog: tfiretog@eniinternet.com, Zeb Youngman: zeb@pwgrosser.com)

1/22/09 – Carlson: Reviewed workplan. One upgradient sampling point requested. Sent letter requiring a revised workplan, three wells required.

Map Identification Number 30 **WOLF PETROLEUM CORP**
 2 BUSHWICK AVENUE

BROOKLYN, NY

Spill Number: 0330060

Close Date:
 TT-Id: 520A-0051-718

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2099 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 2 BUSHWICK AVE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Other
 Caller Name: KERRY FOLEY
 DEC Investigator: SKCARLSO

Spiller: CARY WOLF – WOLF PETROLEUM
 Notifier Name: ROB RULE
 Caller Agency: DEC
 Contact for more spill info:

Spiller Phone: (516) 997-9300
 Notifier Phone: (540) 943-8468
 Caller Phone: (718) 482-4977
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/01/1999	10/15/2004	UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
			Units		Units	
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	
BTEX	OXYGENATES	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

MTBE spike detected during groundwater monitoring for spill #9110815. Possible new release. Currently an Amoco station owned by Wolf Petroleum.

DEC Investigator Remarks:

2/4/04 Spill date is estimated as occurring sometime in 1999, based upon data submitted by Shell's consultant, Phoenix Environmental.

Summary:

DTW 20-25'bgs. Flow east to northeast.

7/90-2/98 MTBE concentrations in onsite wells MW-2 and MW-4 ranged from ND to 986ppb.

2/99-2/03 MTBE concentrations in wells MW-2 and MW-4 ranged from 619ppb to 34400ppb. The highest concentrations of MTBE in wells MW-2 and MW-4 were 34400ppb and 23300ppb respectively.

From 1990 to 1991, concentrations in MW-3 ranged from 24,000ppb to 26,000ppb. Product was detected intermittently in well MW-3 from 1991 to 2003. On March 30, 1998 product was not present and a groundwater sample was collected with an MTBE concentration of 3990ppb. In 2000, MTBE concentrations in MW-3 ranged from 181,000ppb to 842,000ppb.

From 1990 to 1991, concentrations in MW-1 ranged from 1600ppb to 24000ppb for MTBE. MW-1 was destroyed during construction in 1993. MTBE concentrations in MW-1 appear to be a minor spike, localized to the tank field area. This is supported by the fact that down gradient MW-2 ranged from 14 to 986ppb until 1999 when MTBE concentrations throughout the site increased significantly.

2/13/04 Stipulation agreement faxed(516-997-3673) and mailed to Cary Wolf, Wolf Petroleum and B. Beck, National Environmental.

2/13/04 Spoke with B. Beck. He expressed concern that Shell will not be held responsible for their spill. I explained that Shell spill #9110815 remains open. He will speak to Cary Wolf on Tuesday 2/17/04 and get back to me.

4/21/04 Received letter from Mr. Wolf's attorney. Reluctant to execute a stipulation because "they have info suggesting the detection of increased MTBE is related to an upgradient, off-site discharge". There is a Hess station(810 Metropolitan, spill #9702757) but downgradient. Hess is possibly being affected by Amoco as per groundwater monitoring data from Hess from 2/04.

4/22/04 Spoke to B. Beck. Requested they put deadline extension request in writing with deadline for signing stip.

4/28/04 Received unsigned copy of letter from B. Beck. Report can be transmitted on or before June 4, 2004 assuming sampling is completed soon. Installation of upgradient wells may require more time. Will sample and survey all wells, possibly install upgradient wells, and complete FOIL process. Wish to arrange split sampling and gauging with Shell's consultant. Does not indicate when or if stipulation will be signed.

4/29/04 Referred to Legal, D. Rubinton.

9/29/04 Met with Barry Cohen(Certilman Balin Attorneys), Bruce Beck(consultant National Env.) with J. Rommel and L. Oliva. Wolf is taking responsibility for spill. B. Beck to send report by 10/1/04. To sign stip in interim of consent order. Changed stip to read 2 Bushwick Ave Corp(Wolf Petroleum) as the respondent. Emailed stip to B. Cohen. STIP due 10/6/04.

10/8/04 Spoke to B. Cohen. He will be bringing stip over to Wolf for signature today.

10/15/04 Received signed stip. Also received passing system test results(Crompco).

10/19/04 Stip fully executed by T. Kunkel. Investigation summary report due 12/19/04.

1/14/05 Received letter from B. Beck of partial completion of investigation which includes sample results for three wells. Results indicate BTEX from ND(MW-2,4) to 820ppb(MW-3). MTBE from 102ppb(MW-4) to 590ppb(MW-3). MW-1 has been destroyed.

6/30/05 Received quarterly report. Sampled three wells(MW-2,3,4) in 4/05. BTEX from ND(MW-4) to 3.4ppb(MW-2). MTBE from 3ppb(MW-4) to 17ppb(MW-2). Report states that construction of MW-4 was rehabilitated to avoid a nearby self-serve car wash machine run-off from entering well. MW-3 is mounted in a 2'X2' manhole pit which collects run-off and is "oily". Trace "oily" product found in MW-3(0.3").

1/31/06: Case reassigned to Andersen. Recent monitoring report overdue. MW-2 and MW-4 have low contaminant concentrations. MW-3

has 0.3 inches product. Sent Bruce Beck an email saying quarterly reports are overdue. He replied saying samples were just taken and he would send a report in approximately 4 weeks.

3/13/06: Received letter from Bruce Beck saying a report will be submitted.

5/19/06: Consent order meeting with Wolf scheduled for June 2 at 11am.

6/8/06: Meeting with NYSDEC, Barry Cohen (Wolf's attorney's) and Bruce Beck (Wolf's consultant) regarding the consent order. Barry Cohen indicated that Sunoco may also be a responsible party.

7/10/06: Emailed Bruce Beck to set up a meeting to discuss deliverables required for consent order.

7/13/06: Received update report dated 3/3/06. MW-4 was repaired. Groundwater samples collected on 1/30/06. MW-3 has a sheen, heavy oil staining, and a PVC pipe that connects it to MW-4 (probably used for recovery). Benzene 6.9 ppb in MW4. MTBE 73 in MW4. NEMA proposed: 1) clean all wells with Biosolve, 2) cleanout MW3 manway casing and seal well at top, 3) install a monitoring well in the location of former MW1, 4) sample wells quarterly (starting after Biosolve use. Approved proposed remedial methods.

8/2/06: Meeting with Bruce Beck on 7/25/06 to discuss deliverables. Shell is also a potential responsible party for this spill.

9/28/06: Received email from Bruce Beck: "Why was Shell released from the spill? The numbers presented by them prior to the 'MTBE spike' were not near closure. The MTBE spike was a single event and the post spike concentrations returned to pre-spike concentrations immediately afterwards."

1/11/07: Received update report. MW1 redrilled. MW3 cleaned with Biosolve. Wells sampled on 11/14/06. No product detected. Max BTEX 250 ppb (MW3), max MTBE 171 ppb (MW3). Quarterly sampling.

5/1/07: Emailed Bruce Beck to followup on submission date for next report.

5/10/07: Left phone message for Bruce Beck to followup on overdue quarterly report.

5/16/07: Reviewed update report. Wells sampled in February 2007. Trace LNAPL in MW3. Low dissolved concentrations in all wells.

8/6/07: Consent order effective 7/27/07. Update report due 10/25/07.

9/12/07: Consent order modified, RAP due 10/27/07.

2/28/08: Reviewed September 2007 – November 2007 Quarterly Monitoring Report dated January 10, 2008. VEFR conducted from MW 3 on November 14, 2008. 50 gallons recovered. Wells sampled on November 14, 2007. 0.05 ft LNAPL in MW3. Relatively low concentrations in other wells. Wells were gauged but groundwater flow direction was not determined.

3/20/08 – Carlson: Meeting with Bruce Beck at 10am. A letter-report, titled Final report on Remedial Action, dated March 18, 2008, was submitted at the meeting. Groundwater samples were not collected, groundwater flow direction was not determined, and VEFR recovery volume and waste disposal manifests were not included. Continuation of weekly VEFR events was recommended.

3/24/08 – Carlson: Reviewed report dated March 18, 2008. Report stated that weekly VEFR events have been conducted since November 17, 2007. However, no documentation on these events was provided in the report. Sent letter requiring documentation of VEFR events, quarterly groundwater sampling and gauging, and quarterly reporting.

5/8/08 – Carlson: Reviewed December 2007 – February 2008 Quarterly Monitoring Report dated March 31, 2008, received on May 7, 2008. Gauging and VEFR events were conducted once in November and December, three times in January, and twice in February. Trace product was found in MW3 in November, December, and February. Groundwater samples were collected on February 28, 2008. Maximum BTEX concentration was 3,380 ppb (MW3). Maximum MTBE concentration was 22 ppb (MW1). VEFR events will continue.

7/24/08: Reviewed Quarterly Report dated June 20, 2008. Weekly gauging of all wells. A sheen was present in all wells at some point this quarter. Weekly VEFR upgraded to all wells. Wells sampled in May 2008. MW-3 not samples because a sheen was present. Low dissolved concentrations. Review effectiveness of VEFR.

8/11/08 – Carlson: Reviewed report dated 8/8/08. Weekly VEFR ongoing. Sheen present in MW3 and MW 4 in June 2008. Groundwater sampling data was not included.

8/20/08 – Carlson: Meeting on 8/19/08 with Bruce Beck and Tracy Wall. The Department requests additional delineation. Workplan due by 10/08.

9/24/08 – Carlson: Reviewed Final Report dated 8/8/08.

10/30/08 – Carlson: Reviewed June 2008 – August 2008 Quarterly Monitoring Report. Wells sampled on August 14, 2008. Sheen present in MW3 and MW4. Maximum BTEX concentration 189 ppb (MW1), maximum MTBE concentration 17 ppb (MW1). Weekly VEFR from MW3, and MW4 if necessary. Delineation workplan was not received.

11/19/08 – Carlson: Meeting with NEMA. IP due by end of year.

12/18/08 – Carlson: Received FOIL request for 95-02757, IP deadline extended to 1/30/09 to allow for review of FOIL request.

2/20/09 – Carlson: DEC Leung returned case file because FOIL officer did not get a response from NEMA.

Reviewed Quarterly Report dated January 4, 2009. Wells gauged weekly. Weekly VEFR. Sheen present in every well throughout quarter. Groundwater flow direction was not indicated on the site plan.

IP overdue.

Received letter dated January 25, 2009 requesting reduction in VEFR from weekly to twice-monthly.

2/23/09: Received request for extension from Tracy Wall. Replied how long of an extension she is requesting (it is already three weeks overdue, and they have had one extension already).

4/8/09 – Carlson: Reviewed December 2008 – February 2009 Quarterly Report and Investigation Workplan dated March 22, 2009. Wells sampled on March 5, 2009. Sheen present in MW1 and MW2. Maximum BTEX concentration 254 ppb (MW3), maximum MTBE concentration 611 ppb (MW3). Weekly VEFR ongoing. Discuss effectiveness of VEFR at the upcoming meeting. Investigation workplan proposes installation

of two downgradient wells on Humbolt Street. Is it possible to install a well in the parking lot at 358 Humbolt Street? Left voice message for Tracy Wall.

4/29/09 – Carlson: Met with Bruce Beck. He will pursue access agreement with owner of parking lot. Revised workplan due 5/30/09.

6/3/09 – Carlson: Received email from Bruce Beck. Access agreement in progress. Extension needed for workplan submittal.

7/2/09 – Carlson: Received email from Bruce Beck – access agreement will be sent to off-site owner.

7/8/09 – Carlson: Reviewed March 2009 – May 2009 Quarterly Monitoring Report. Wells sampled on May 28, 2009. Weekly VEFR ongoing. Sheen in every well throughout quarter. Low dissolved concentrations.

10/7/09 – Carlson: Received update report. LNAPL in MW 2,3,4. Weekly VEFR ongoing. Revised investigation plan overdue.

10/13/09 – Carlson: Received email from Bruce Beck: sidewalk wells will be installed this week. Revised IP required for well in private parking lot, they are working on access to the private parking lot.

11/18/2009 – Carlson: Meeting with Bruce Beck. IP for well installation overdue. RIR for sidewalk well installation due 1/30/2010. Wolf's attorney Barry Cohen will work on access for well installation in private parking lot.

1/7/2010 – Carlson: Approved extension for investigation and quarterly report submittal to 1/31/2010.

2/11/2010 – Carlson: Received RIR. Two sidewalk wells are clean, but soil samples were not collected. Received email – they can go back and do soil borings to delineate soil. IP for well in private parking lot overdue.

2/17/2010 – Carlson: Portfolio review meeting with Bruce Beck. NYSDEC to issue letter requiring delineation work plan.

3/4/2010 – Carlson: Issued letter requiring delineation work plan for soil borings adjacent to monitoring wells MW5 and 6, and a proposed mw in private parking lot to the SW of the property. Due 4/5/2010.

4/7/2010 – Carlson: Received cc of access request to adjacent property owner.

4/20/2010 – Carlson: Reviewed update report and investigation work plan.

4/21/2010 – Carlson: Approved work plan for installation of one off-site monitoring well (in the adjacent private parking lot), and three soil borings. RIR due in 60 days.

7/16/2010 – Carlson: Reviewed RIR and QMR. Three soil borings performed adjacent to MW's 3,5,6. Low level soil impact present in boring adjacent to MW3. Sheen present in MW3. Off-site soil boring in private parking lot was not installed. Weekly VEFR ongoing.

1/14/11 – Obligado – I received a letter from Impact requesting monthly instead of weekly gauging, since product has not been encountered for the past 3 months. I approved this request.

4/6/11 – Obligado – I reviewed the 1Q11 update report. BTEX concentrations of 16,760 ug/L were detected in MW3. No product

detected. GW is 22 feet below grade.

I reviewed some historical reports to gain information related to free product and subway tunnel. According to a 1990 Handex report, there is a subway easement in the northeast corner of the site. The bottom of the tunnel is 26 feet bgs. The top of the tunnel is approximately 7 feet below grade. Therefore the tunnel cuts across the water table and probably acts as a ground water barrier. The subway contains a sump-pump system for seepage along length of the tunnel and two pump stations located within the vicinity of the site.

9/27/11 – Obligado – I reviewed the 2Q11 update report. No product detected. 6201 ug/L BTEX in MW3. They recommend returning to quarterly gauging due to continued lack of product.

Meeting held on 1/30/2012 with Christine Camardella and Kevin Kleaka of Impact Environmental, Barry Cohen of Certilman Balin, and Carlson, Kolleeny and Urda of NYSDEC. IWP to be submitted in 30 days for an additional on-site well in the NE portion of the site. May not be feasible because the subway is located directly adjacent to the site.

3/16/2012 – Carlson: Reviewed 4th quarter 2011 update report. MW1 not sampled – inaccessible. MW2 – MW4 sampled only. No LNAPL noted. Large decrease in VOC concentration in MW3 since last sampling. Significant VOC concentration in MW1 in 9/26/11 sampling event. IWP for on-site delineation overdue – as discussed during 1/30/12 meeting.

3/29/12 – Carlson: Reviewed IWP, delineation not accessible due to subway. MNA proposed.

9/11/12 – Carlson: Reviewed 2nd quarterly update report dated 7/17/12. The report documents groundwater gauging and sampling conducted in June 2012. Volatile organic compounds are present above the Departments standards in three wells.

9/12/12 – Carlson: Issued RAWP required letter. RAWP due 10/12/12.

11/8/12 – Carlson: Received email from Christine Camardella on 9/14/12. Remediation not possible because MW-3 is located 13 feet from the subway tunnel. No intrusive work allowed within 20 feet of subway tunnel (this includes chemical injection). Replied to email – how about waterloo oxygen emitters?

Map Identification Number 31**99 CENT STORE (DOLLAR UP STORE)**

640 MANHATTAN AVE

BROOKLYN, NY

Spill Number: 0208256**Close Date:**

TT-Id: 520A-0040-262

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 2164 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN – UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: ANNA MARIA LINDBLAD	Notifier Phone: (718) 389–8876
Caller Name: ANNA MARIA LINDBLAD	Caller Agency: TENANT	Caller Phone: (718) 389–8876
DEC Investigator: smsanges	Contact for more spill info: JERRY SHERMAN	Contact Person Phone: (718) 383–1515

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/08/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES EVERYTIME OIL IS DELIVERED A STRONG ODOR PERMEATES HER APT WHICH IS LOCATED OVER THE STORE. EMPLOYEES IN THE STORE HAVE TOLD CALLER THAT THE BASEMENT IS A MESS FROM DELIVERIES OF OIL LANDLORD WAS ADVISED OF POSSIBLE PROBLEM BUT DID NT SEEM TO CARE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

mailing address for building owner is:
 Sherman Monroe
 20191 E Country Club Dr.
 Aventura FL 33180–3012

10/2007 City Tax records now say:
 Sherman Monroe
 1850 South Ocean Drive Apt 3907
 Hallandale, FL 33009

Property was sold in 2009 to:
 Man–Bklyn LLC
 640 Manhattan Ave
 Brooklyn, NY 11222

Map Identification Number 32  **169-175 NORTH 10TH STREET**
 169-175 NORTH 10TH STREET

BROOKLYN, NY

Spill Number: 0611495

Close Date:
 TT-Id: 520A-0048-057

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2222 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name:
 DEC Investigator: rmpiper

Spiller: SHARRISSA
 Notifier Name:
 Caller Agency:
 Contact for more spill info: SHARRISSA

Spiller Phone: (212) 353-8280
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (212) 353-8280

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SOIL TESTING FOUND CONTAMINATION

DEC Investigator Remarks:

DEC Piper to investigate surce of cont.

2/5/08- DEC Piper recieved addendum to RAP where a basement will now be constructed rather than slab on grade.

RAP was changed as they will not be excavating entire site. DECPiper reviewed analytical ans spoke with Jane O'Connell regarding metals. NYC OER will handle metals and DEC will handle petroleum cont in back of property.

7/16/12- DECPiper met with OER and Dave Yudelson. Excavation in front of property will go as planned with endpoints being collected. Yudelson feels cont in rear is from offsite. 981 ppm of Napthalene is highest hit. DEC Piper spoke with DEC Austin regarding rear of property. He feels to determinine if it is from an onsite source, further delineation is required.

7/17/12- DEC piper emailed Yudelson and he will submit a work plan with at least 3-4 geoprobe points and collect soil and groundwater.

Map Identification Number 33  **HESS-MERIT STATION 32522**
810 METROPOLITAN AVENUE

BROOKLYN, NY

Spill Number: 9502757

Close Date:
TT-Id: 520A-0041-616

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2241 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Affected Persons
Caller Name: CELEST RUFER
DEC Investigator: RJFENG

Spiller: HESS/MERIT
Notifier Name:
Caller Agency: GROUNDWATER ENV. SERVICES
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 953-1260
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/05/1995		OTHER	2-297410	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ODOR OF GASOLINE WHEN TANKS WERE UNCOVERED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"

10/28/2005: Project reassigned from Sun to Andersen. Reviewed the triannual report dated 8/19/2005, there is local contamination around MW-4. A stip needs to be sent out to begin remediation.

12/6/05: Reviewed the tri-annual report dated 11/29/05. Three MW's sampled on October 11, 2005. Max BTEX is 2,318ppb (MW4) and max MTBE is 91 (MW2). Fluctuating concentrations. Sent RAP required letter.

1/3/06: Spoke with Gail Russo of Quantum. I gave verbal approval for the RAP received. Installation for SVES/AS system scheduled for January 4-5, 2006.

1/4/06: Letter with RAP approval mailed. SVE/AS data sheets are required to be submitted.

1/26/06: 1/25/06 meeting with Quantum, NYSDEC, and ET. SVE/AS wells have been installed. Three short term SVE/AS events will be performed.

5/19/06: Sent Gail Russo an email to followup on overdue update report.

6/8/06: Received update report dated June 2, 2006. Three extended-period SVE/AS events performed in first third 2006. ORM socks installed in wells MW-2 and MW-4. Wells sampled on 2/24/2006. MAX BTEX 1,662 ppb (MW4), max MTBE 447ppb (MW-2). Decreasing BTEX trend and slight increase in MTBE. Three additional extended-period SVE/AS events will be performed in the second third 2006, and new ORM socks installed.

7/5/06: Meeting on 6/28/06 with Hess, Quantum, NYSDEC, EnviroTrac and GSC. Short term SVE/AS is effective.

8/29/06: Received update report dated 8/21/06. Short term SVE/AS on wells MW4, SVE1, AS1, AS2 on June 16 and June 22 2006. Groundwater sampled on June 29 2006. Max BTEX 16 (MW4), max MTBE 1,420 (MW2). ORM socks installed in MW2 and MW4 following the SVE/AS event on June 16 2006. Large decrease in BTEX in MW4. MW2 still shows significant MTBE contamination. Report states "concentrations in MW2 will continue to be evaluated to determine if these concentrations attenuate naturally or require remedial action". This site is on a triannual sampling plan.

1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC.

1/23/07: Received update report. Wells sampled on 10/7/06. Max BTEX 156 ppb (MW4), max MTBE 523 ppb (MW2). ORC socks in MW 2 and 4.000

4/26/07: Received update report. Wells sampled on 2/23/07. Max BTEX 175 ppb (MW4), max MTBE 690 ppb (MW2). ORC socks in use.

8/17/07: Reviewed update report. Wells sampled on 6/11/07. Max BTEX 295 ppb (MW4), max MTBE 110 ppb (MW2). Two extended period portable sve/as events were conducted in June around MW4. ORC socks were installed in MW2 and MW4. Sent email requesting that air flow rate and effluent PID be measured when conducting portable SVE/AS events, and that the total petroleum recovered then be calculated.

2/11/08: Reviewed August 2007 – November 2007 Site Status Report. Wells sampled on October 5, 2007. Max BTEX 350 ppb (MW4), max MTBE 100 ppb (MW2), benzene ND in all wells. No further action requested.

5/6/08 – Carlson: Reviewed first triannual 2008 update report dated April 28, 2008. Wells sampled on 2/12/08. Maximum BTEX concentration 96 ppb in MW4. Maximum MTBE concentration 2 ppb (MW2). ORC socks in use in MW2 and MW4. Meeting scheduled for 5/7/08.

9/8/08 – Carlson: Reviewed August 2008 Update Report. Wells sampled on June 13, 2008. Low dissolved concentrations. Sent email to Hess/Envirotrac – remove ORC socks from MW-2 and MW-4.

9/15/08 – Carlson: Received email notification that ORC socks removed on 9/11/08.

10/22/08 – Carlson: Meeting with Hess/Envirotrac. They have recent soil data from SVE/AS well installation. They will submit a petition for closure.

1/8/09 – Carlson: Reviewed closure request dated 12/12/08. Three soil borings were completed. Impacted soil present in SB3. Delineation workplan required for soil borings/monitoring wells on Bushwick Avenue. (Wolf Bushwick Avenue site is directly downgradient). Workplan due 2/8/09.

1/9/09 – Carlson: Reviewed update report. Low level groundwater impact remains.

1/22/09 – Carlson: Approved workplan for the installation of two sidewalk wells.

2/27/09 – Carlson: Received email request from Ed Russo to delay quarterly sampling by one month in order to include new wells. Report will be submitted in April as planned. Request approved.

3/18/09 – Carlson: Meeting with Hess and Envirotrac. Delineation not possible due to subway. RAP will be submitted in April 2009. Quarterly gauging requested.

5/7/09 – Carlson: Reviewed April 2009 update report. RAP overdue. Emailed John Schenkewitz about overdue report.

5/11/09 – Carlson: Received email from Ed Russo, RAP will be submitted in August 2009.

8/7/09 – Carlson: Reviewed update report. Low dissolved concentrations. Workplan to address residual soil impact will be submitted by end of the month.

8/10/09 – Carlson: Received work plan for installation of four on-site wells.

8/19/09 – Carlson: Meeting with Hess and Envirotrac.

8/27/09 – Carlson: Issued approval letter for installation of four on-site monitoring wells.

11/17/09 – Carlson: Reviewed update report. Low dissolved concentrations. New wells were not installed yet.

12/10/09 – Carlson: Reviewed second closure petition. Four additional confirmatory borings were installed.

1/27/2010 – Carlson: Meeting with Hess. NYSDEC to review case file internally.

5/20/2010 – Carlson: Meeting with Hess. NYSDEC still requires additional borings around SB3.

5/28/2010 – Carlson: Reviewed update report. Low dissolved concentrations.

8/15/2010 – Carlson: Reviewed July 2010 update report. Low dissolved concentrations. Report states Hess to delineate after receipt of NYCTA permits. Delineation work plan was not submitted.

8/31/11 – Obligado – I reviewed the 2Q11 report. BTEX is ND. They are still trying to get permit to do the soil delineation work.

11/14/11 – Carlson: Reviewed October 2011 update report. Hess still waiting for permit approval from NYCTA for delineation.

4/24/2012 – email from Joe Rennie of EnviroTrac "Please be advised that we are tentatively scheduled to conduct drilling at the above referenced location on Tuesday May 1, 2012 as per the attached NYSDEC approval letter. Please note that this project has been delayed due to New York City Transit Authority permitting requirements as this location is in close proximity to the New York City subway system. As discussed previously with NYSDEC case managers Mark Tibbe and Sarah Carlson, Hess expects that if soil and groundwater sampling data from this drilling is favorable, that closure of NYSDEC spill # 95-02757 will be granted by NYSDEC. If you have any questions, please do not hesitate to contact me at (631) 924-3001."

6/19/2012 – reviewed 1Q2012, 4/30/2012, by EnviroTrac. DTW 9.88' to 22.24' bg. Flows to southwest. 5 wells were sampled. MW-4, 4.4 ug/L BTEX, 8.3 ug/L MTBE. others are ND. Proposes to abandon monitoring wells MW-1, MW-2, MW-3 and MW-5. Next sampling event will be in 5/2012.

6/20/2012 – comments to Hess/EnviroTrac. 1) need to have the newly installed wells data in order to make the call whether or not to abandon the wells; 2) the requirement on the petition for closure: site use history; show all the investigation; show all the remediation; show all the remediation results; and the sensitive receptors information.

reply from Edward Russo "thanks for getting back to us. The data from the newly completed soil borings/wells indicated positive results, so we are working on the request for closure now. The request for closure will incorporate your comments/requests below. You can disregard the request to abandon MWs 1, 2, 3, and 5. The closure request will be submitted to you within the next couple of weeks."

7/18/2012 – reviewed the Request for Spill Closure Letter (the Letter) dated June 29, 2012, prepared by EnviroTrac Environmental Services (EnviroTrac) on behalf of Hess Corporation (Hess). The Letter summarizes the Site's history and requests site closure. Denies the spill closure request due to the uninvestigated and unremediated residual contamination at the Site. see the letter for details on the required additional work to be done. Response by 8/20/2012.

10/4/2012 – Reviewed the response letter dated 8/20/2012 from Hess/EnviroTrac. Basically, they responded on DEC comments. The soil contamination is either infeasible to treat and the previous investigation has delineated the extent of the mentioned soil contamination location. Hess/EnviroTrac request for spill closure.

10/15/2012 – presented the case to the Section committee. Spill closure is denied based on: see the memo in eDoc for more details.

1) Residual contaminated soil was present in the former remote fills area at depth of 2 feet below ground surface. Confirmatory soil samples are required. As-built drawing and utilities mark out map shall be provided to prove infeasibility to remediate the area.

2) The confirmatory soil boring SB-3 exhibits soil contamination exceeds CP-51 SCOs at depth of 29-30 feet. Additional remediation and confirmatory sampling shall be required.

email to Hess/EnviroTrac requiring a work plan to address the above concerns/requirement by November 2012.



ACTIVE HAZARDOUS SPILLS – MISC. SPILL CAUSES – EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM AND STORMS – IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 34 **FEEDER 61** **Spill Number: 9103785** **Close Date:**
 MEEKER AVE & LEONARD ST BROOKLYN, NY TT-Id: 520A-0050-363

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 564 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: MEEKER AVE / LEONARD ST
 Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: YONKERS CONST / CON ED Spiller Phone: (718) 486-6885
 Notifier Type: Other Notifier Name:
 Caller Name: KOON TANG Caller Agency: NYSDEC Notifier Phone:
 DEC Investigator: JMOCONNE Contact for more spill info: Caller Phone: (718) 482-4933
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/28/1991		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SEWER
DIELECTRIC FLUID	PETROLEUM	0	POUNDS	0	POUNDS	SEWER

Caller Remarks:

NYS DOT CONTRACTOR YONKERS CONSTRUCTION, SUBCONTRACTOR NICHOLSON WAS EXCAVATING, DIELECTRIC OIL SPILLED FROM A 5" LINE @ 250-300 PSI, OIL LEAKED INTO AN ADJACENT OPEN EXCAVATION & CONTAMINATED SOIL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Appendix B site #30

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

10/3/03 Additional information from old files indicates feeder 61 was hit by contractor working on BQE project.

10/15/12 – draft SIWP reviewed and comment letter sent 10/12/12 (JOC)

Map Identification Number 35 **CONSTRUCTION SITE** **Spill Number: 0808463** **Close Date:**
 95 BEDFORD AVE BROOKLYN, NY TT-Id: 520A-0220-442

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2130 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE Spiller: KEVIN BRUSSEE – UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: smsanges Contact for more spill info: KEVIN BRUSSEE Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/28/2008		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

A dump truck drove over a obstacle puncturing its fuel tank spilling its fuel onto the soil. A vac truck is enroute, and soil will be removed at a later date.

DEC Investigator Remarks:

Site is being excavated under an "E" designation with the city because of lead contamination. One of the dump trucks hit a pylon and ruptured a diesel saddle tank. Area was soil, but was contained as best they could. ABC Pumped out the puddles & scraped up the contaminated soils. The area is being excavated and end point samples will be taken. Kevin Brussee will forward a spill closure report to DEC within the next couple of weeks.

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM, OR STORMS. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
1206249	CONSTRUCTION SITE	264 NORTH 10TH ST	BROOKLYN
1209698	GARAGE	214 NORTH 11TH	BROOKLYN
1111339	GAS STATION	51 KINGSLAND AVE	BROOKLYN
0413160	NYCSCA – AUTOMOTIVE TRADE HIGH SCH	50 BEDFORD AVENUE	BROOKLYN
0809794	GAS STATION – IND-G LINE	METROPOLITAN AVE @ UNION	BROOKLYN



CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 36 **GAS STATION** **Spill Number: 0310672** **Close Date: 12/16/2003**
 392 LEONARD STREET BROOKLYN, NY TT-Id: 520A-0051-714

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 388 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: Spiller Phone:
 Notifier Type: Citizen Notifier Name: ANNOYOMOUS Notifier Phone:
 Caller Name: ANNOYOMOUS Caller Agency: Caller Phone:
 DEC Investigator: SMSANGES Contact for more spill info: ANNY Contact Person Phone: (203) 876-7430

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/16/2003		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	POUNDS	0	POUNDS	SEWER

Caller Remarks:

CALLER DOES NOT WISH TO GIVE HIS NAME, BUT STATES THAT THE GAS STAION IS POLLUTING THE SEWER BY A BROKEN HOSE OR OTHER, THEY ARE SWEEPING INTO THE SEWER SYSTEM. CALLER VERY CONCERNED.UNKNOWN AMOUNTS. WOULD LIKE SOMEONE TO COME CHECK OUT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 37 **68 RICHARDSON STREET**
 68 RICHARDSON STREET

BROOKLYN, NY

Spill Number: 9312569

Close Date: 06/11/2001
 TT-Id: 520A-0047-906

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 742 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: BOB DECK
 DEC Investigator: SMMARTIN

Spiller: HARRY NADLER – BERNSTEIN REALTY
 Notifier Name:
 Caller Agency: PETRO TANK CLEANERS
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 624-4842
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/25/1994	02/26/2001	TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

Caller Remarks:

AFTER TANK WAS CLEANED – OWNER FOUND RESIDUAL OIL PUMP PIT – CALLED BOB DECK, HE SAID THAT OIL SHOWED UP IN SUMP PIT OWNER ASKED TO SET UP TEMP. TANK (1080 GAL) AND CLEANED THE 2500 GAL UST. FOR INSPE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
 CLOSURE LETTER DATED 7/30/2001. SMM

Map Identification Number 38

UNKNOWN GAS STATION

Spill Number: 0008335

Close Date: 10/25/2005



2 ROEBLING ST

BROOKLYN, NY

TT-Id: 520A-0039-898

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1566 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Other
 Caller Name: STEVE CAPONE
 DEC Investigator: JRSTRANG

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency: A AND M DEMOLITION
 Contact for more spill info: UNKNOWN

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 272-1301
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/17/2000		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

callers business was contracted for excavation of tank and when contaminated soil was found the callers business was fired.
 another company on scene – dano construction

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"

10/25/05 – New Condo built on-site. Administrative Closure.

Map Identification Number 39  **RESIDENCE**
243 JACKSON STREET

BROOKLYN, NY

Spill Number: 0409577

Close Date: 02/04/2005
TT-Id: 520A-0040-602

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1927 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Affected Persons
Caller Name: LEVAR CHAMBERS
DEC Investigator: SFRAHMAN

Spiller: ALBERT LONG – RESIDENCE
Notifier Name: LEVAR CHAMBERS
Caller Agency: PETRO OIL
Contact for more spill info: ALBERT LONG

Spiller Phone: (718) 349-6697
Notifier Phone: (516) 686-2012
Caller Phone: (516) 686-2012
Contact Person Phone: (718) 349-6697

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/26/2004		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

two thirty five tanks leakng closer to the wall. in the basement. crews not on the way :not cleaned up

DEC Investigator Remarks:

2/4/05 TJD

Demeo was contacted by the property owner. He has completed the removal of his 275 AST and converted to gas. According to the property owner the floor beneath the tank is in good shape, no holes or cracks in the concrete. Petro completed the cleanup immediately following the reported spill using absorbents. No lingering petroleum vapors inside residence. Based upon the property owners statements spill is closed. No further action required.

Map Identification Number 40 **ADAMS DELI**
 112 NASSAU AVE

BROOKLYN, NY

Spill Number: 0013080

Close Date: 03/14/2001
 TT-Id: 520A-0044-922

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1951 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Fire Department
 Caller Name: FIREMAN RIPOLL
 DEC Investigator: SMSANGES

Spiller: ADAMS DELI
 Notifier Name:
 Caller Agency: NYC FIRE DEPT
 Contact for more spill info: FIREMAN RIPOLL

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 476-6288
 Contact Person Phone: (718) 476-6288

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/14/2001		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

undetermined amount of oil enter drain via basement after tank let go. hazmat on scene

Cross Ref Spill #0013079

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 Duplicate spill number closed

Ref: Spill 0013079

Map Identification Number 41 **UNICO GAS STATION**
 445 METROPOLITAN AVE

BROOKLYN, NY

Spill Number: 9909193

Close Date: 10/07/2005
 TT-Id: 520A-0051-717

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2523 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 11211

Source of Spill: GASOLINE STATION
 Notifier Type: Local Agency
 Caller Name: BEN KANN
 DEC Investigator: hmdudek

Spiller: JOE - UNICO GAS STATION
 Notifier Name: BEN KANN
 Caller Agency: ITAR TANKS
 Contact for more spill info: JOE

Spiller Phone:
 Notifier Phone: (718) 383-4818
 Caller Phone: (718) 383-4818
 Contact Person Phone: (000) 000-0000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/28/1999		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

underground storage tanks were being removed and contaminated soil was discovered - site assessment will be done and the owner will decide what he wants to do for clean up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
 11/1/99

On site. All tanks out. Station covered with fresh concrete already. Two 55 gallon drums on side of station need to be disposed. All tanks off site. No stockpile of soil. Spill 9909344 reported by anonymous citizen.

11/2/99

Spoke to Butch (516) 831-2982 - beeper? from ITAR Tanks. Dr. Munroe was on site to collect samples from the excavation. NO soil was removed. Concrete slab was removed. PBS needs to be updated - tanks listed as temporarily-out-of-service.

Site visit 10/5/05 - Site abandoned. No drums present.



CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 42 **UNITED AMBULETTE** **Spill Number: 0410348** **Close Date: 05/03/2005**
 495 GRAHAM AVE BROOKLYN, NY TT-Id: 520A-0049-641

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 523 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: BOB – BUSINESS Spiller Phone: (718) 234-0024
 Notifier Type: Tank Tester Notifier Name: JIM MELNICK Notifier Phone: (631) 321-4670
 Caller Name: JIM MELNICK Caller Agency: PRO TEST Caller Phone: (631) 321-4670
 DEC Investigator: KMFOLEY Contact for more spill info: BOB Contact Person Phone: (718) 234-0024

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/17/2004		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

RECOMMEND: GAS TANK HAS A WET LEAK: HAS BEEN REPORTED TO FIRE DEPT;

DEC Investigator Remarks:

12/22/2004 – Sangesland – 4,000 gal gasoline tank – PBS # 2-069140

1/14/2005 TTF letter sent to:
United Ambulette 2428 East 18th St, Brooklyn, NY 11222

2/22/05 Reassigned from Rommel to Foley. Spoke to Bob Arcaro, American. He will be submitting documentation and passing test results. No release to environment.

2/28/05 Received passing tightness test results for system. Bob Arcaro to submit affidavit.

3/7/05 Received affidavit. Between 1/31/05 and 2/11/05, American Resource Technology excavated part of the tank system, isolated the tank and piping and the retested. All components tested tight but the condition of the cathodic protection isolating union on the stage 1 was worn and could have compromised the integrity of the line. There was no evidence of contamination in the excavation but the isolating unions were replaced on the stage 1 line, the suction line, the fill line and vent line as a preventative measure. On 2/15/05, a tightness test of the tank system was performed with the piping still exposed and was witnessed by FDNY who had witnessed the tightness test failure on 12/17/04. The system tested tight.

Map Identification Number 43 **64 FROST ST** **Spill Number: 9601530** **Close Date: 08/05/2010**
 64 FROST STREET BROOKLYN, NY 11211 TT-Id: 520A-0048-055

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 822 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 64 FROST ST
 Revised zip code: NO REVISION MADE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: MEEKER DISCOUNT MUFFLERS	Spiller Phone: (718) 388-3329
Notifier Type: Tank Tester	Notifier Name: TOM LEDDY	Notifier Phone: (516) 321-4670
Caller Name: TOM LEDDY	Caller Agency: PRO TEST COMPANY	Caller Phone: (516) 321-4670
DEC Investigator: hrpatel	Contact for more spill info:	Contact Person Phone: (718) 388-3329

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/30/1996		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1-5	550	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

caller believes its a bad line – 5 – 550 gal tanks manifolded together

DEC Investigator Remarks:

3/11/03 – SAMUEL– File available in active unassigned spill files.

4/3/06 Diaz – Next Steps – February 2000 Investigation report stated further investigation & possible remedial work recommended. Verify & conduct work or close site.

6/28/07. J.Krimgold reviewed and approved IWP submitted by FPM Group (631–737–6200) on June 27, 2007. The plan calls for 4 soil/gw samples around tanks excavation pit

5/21/08. email from FPM's Ben Cancemi informed that excavation and sampling activities will commence on 5/22/08.

02/12/09–Hiralkumar Patel. contaminated groundwater (with sheen) was discovered under basement floor at 684 Lorimer Street, site located behind subject gas station. based on location of both sites, contamination under house at 684 Lorimer street might be originated from subject gas station site.

based on recent findings, case transferred from DEC Jacob to DEC Patel.

found following documents for the subject site:

- tank closure environmental site assessment, Nov. 1999
- subsurface investigation report, Feb. 2000
- subsurface investigation work plan, Jun. 27, 2007
- subsurface investigation report and remedial action plan, Sep. 10, 2007

abstract of tank closure report, Nov. 1999:

- total of eight 550 gal and one 3000 gal USTs were removed including all pipings and portions of pump islands
- all of the tank in very good condition and exhibited no evidence of corrosion

- five of the tanks were empty, and three tanks were filled with concrete
- 3000 gal tank contained approx. 1300 gal of water and petroleum products
- total of eight soil and water samples were collected after tank removal
- depth to groundwater ranged from 14-16 ft bg <-----
- according to fire department record, in Nov. of 1984, the eight 550 gal tanks failed the official 10 year test
- in sept. of 1985, three 550 gal were purged and filled with concrete
- one pump was removed and all associated lines were sealed
- highest PID readings were noted at an average depth of 10 to 15 ft <-----
- fine to medium sized grain sand with clay lenses were found to a level of 12 to 14 ft bg
- a layer of one foot in thickness of peat-like material intermixed with clay occurred at about 16 ft bg
- found xylene contamination in east and north sidewall samples
- found contamination in groundwater samples

soil analyticals:

-----Xylene
 North----4,600
 East----13,500

groundwater analyticals:

-----west bottom pit-----	-----east bottom pit
Benzene-----160-----	-----230
Toluene-----200-----	-----230
Ethylbenzene-----97-----	-----120
Xylene-----1,410-----	-----1,520
Naphthalene-----390-----	-----640
MTBE-----1,900-----	-----2,300

abstract of subsurface investigation report, feb. 2000:

- eight borings (B1 thru B8) were advanced and collected soil and groundwater samples from borings
- borings B1, B2 and B5 thru B8 were advanced in the immediate vicinity of the former tank field and borings B3 and B4 advanced near the west property line
- groundwater found at 10 ft depth- soil samples collected at 8-10 ft depth from each boring except boring B4 where no sample collected; additional soil sample collected from boring B1 at 0-4 ft depth
- high PID reading found during borings
- contamination found in soil and groundwater samples

PID readings:

-----0-4-----	-----4-8-----	-----8-10
B1-----1,120-----	-----1,160-----	-----1,190
B5-----110-----	-----20-----	-----55

B6-----2,010
 B7-----640

soil analyticals:

-----B1-----B1-----B6
 0-4 ft 8-10 ft 8-10 ft
 Benzene-----<250
 Xylene-----25,000-----5,300-----1,200
 1,2,4-Trimethylbenzene--14,000
 1,3,5-Trimethylbenzene--23,000-----3,200

groundwater analyticals:

-----GW1-----GW-3-----GW-4-----GW-5-----GW-6-----GW-7-----GW-8
 Benzene-----2,900
 Toluene-----520-----540
 Ethylbenzene-----120-----160-----260-----1,700
 Xylene-----360-----640-----420-----2,000-----15,000
 Naphthalene-----140-----700
 MTBE-----260-----180-----830-----120-----1,200-----1,500-----7,000
 1,2,4-Trimethylbenzene--210-----190-----750-----3,600
 1,3,5-Trimethylbenzene--330-----170-----300-----1,700-----7,200

abstract of subsurface investigation report, Sep., 2007:

- four soil boring were installed to final depth of 15 ft bg
- soils encountered at the property generally consisted of fine to medium grained sand with gravel and trace amount of silt and clay from just below grade to the top of blue-green clay layer
- the top of the blue-green clay layer was evident in all of the borings at depths ranging from approx. 12.5 to 14.5 ft bg
- the blue-green clay layer showed no indications of potential contamination and was not fully penetrated by any of the borings
- staining and petroleum odors were generally observed in the soils from all of the borings in an interval near the water table surface, which was generally encountered at 8 to 8.5 ft bg
- interval of staining/odor was variable in thickness and ranged from approx. one foot at boring B4 to approx. 7 ft at boring B1
- PID readings in stained soils generally ranged between 10 and 60 ppm
- groundwater samples collected from each borings
- no free-phase product was observed in any borings
- found contamination in soil and groundwater samples

soil analyticals:

-----B1 (7-8 ft depth)
 Benzene-----7,000
 Toluene-----200,000

Ethylbenzene-----110,000
 Xylene-----620,000
 Naphthalene-----56,000
 1,2,4-Trimethylbenzene--510,000
 1,3,5-Trimethylbenzene--150,000

groundwater analyticals:

	B1-AQ	B2-AQ	B3-AQ	B4-AQ
Benzene-----	1,500			
Toluene-----	3,700			
Ethylbenzene-----	1,100			
Xylene-----	4,900			
Naphthalene-----	470		120	
MTBE-----				300
1,2,4-Trimethylbenzene-----	1,500	140	440	
1,3,5-Trimethylbenzene-----	370			

abstract of remedial action plan, Sept. 2007:

- proposed to excavate impacted soils in the vicinity of boring B1
- "based on relatively low levels of groundwater impact, its apparently limited extent, and the apparent absence of free-phase product, no groundwater remediation recommended"
- three groundwater wells are proposed to be installed for groundwater flow direction determination
- each well will be installed to a depth of no more than 14 ft, so as not to penetrate the clay underlying the property
- each well will be installed with 10 ft of screen

summary:

- groundwater found at different depths: 14-16 ft during tank removal, 10 ft during subsurface investigation in 2000 and at 8.5 ft during subsurface investigation in 2007
- no groundwater flow direction available
- no permanent wells installed at the site
- heavy soil and groundwater contamination found during each investigation
- contamination found in all sides of previous tank location
- DEC Jacob issued RAP approval letter on Oct. 4, 2007 <-----
- as per email from Ben Cancemi from FPM group, excavation according to approved RAP was scheduled on 05/22/08 <-----

Paul's LLC **site owner**
 318 Grand Street
 Brooklyn, NY 11211
 Attn.: Paul Joffe
 Ph. (718) 486-6916 (O)
 (917) 693-3292 (C)

email: pauljoffe@pauljoffe.com

according to building department permit record, Mr. Joffe applied for permit to convert service station into dining location.

found another spill case reported at the gas station site.

– 9806871: spill called in by citizen on 09/04/1998 about abandoned tanks; tipped over. spill closed on 02/26/2003.

left message for Mr. Joffe.

received call from Mr. Carter from Mr. Joffe's office. informed him about situation. Mr. Carter doesn't know much about this site but will ask Mr. Joffe to call back.

Nathan Carter
Ph. (718) 486-6804

02/13/09–Hiralkumar Patel. left message for Mr. Joffe.

left message for Ben Cancemi, consultant who was going to perform remedial activities.

Ben T. Cancemi, CPG
FPM Group
Ph. (631) 737-6200
Fax (631) 737-2410
email: b.cancemi@fpm-group.com

02/17/09–Hiralkumar Patel. received call from Ben from FPM Group. they excavated contaminated soil to water table in front of stores and installed three monitoring wells in June 2008. but haven't got authorization to sample these wells. Ben mentioned that endpoint sample analyticals were clean. asked Ben to submit sample analytical summary table and scaled site map with locations of endpoint samples and wells. also asked him to include approx. location of tank and dispenser islands.

received email from Ben with sample analytical summary table with site plan showing endpoint sample and well locations. site plan shows that wells were installed in front of stores on-site. but no well observed during site visit, but found some fresh patches in concrete (which could be location of wells).

received call from Mr. Joffe. asked him to submit remedial action report by the end of March 06, 2009. he mentioned that area between his property and houses along Lorimer street is a commercial property at 297 Meeker Ave which is a paint shop.

02/18/09–Hiralkumar Patel. received email from Ben. they will do well sampling on 02/20/09.

02/20/09–Hiralkumar Patel. visited site. met Mr. Joffe and John (FPM group). monitoring wells found in front of store. groundwater was found around 6–7 ft bg. found sheen on water from each wells. will submit sample analyticals and groundwater flow direction.

during site visit, noticed an auto repair shop at 59 Frost Street. met store manager. site has one 275 gal waste oil AST. tank is

not registered. asked manager to register tank. sent email to DEC Jacob regarding un-registered waste oil tank at 59 Frost St. no parts cleaning operation at the auto repair shop.

Billy Alex
Unique Auto Repair
59 Frost St
Brooklyn, NY 11211
PH. (718) 387-7537
Fax (718) 384-6180
email: uniqueauto59@gmail.com

during site visit, Mr. Joffe mentioned that site at 297 Meeker Ave runs from Meeker Ave to Frost Street, between the subject gas station and house at 684 Lorimer st where contaminated water was found. Mr. Joffe mentioned that there is painting business at 297 Meeker Ave.

owner's address for 297 Meeker Ave, from property shark:

Wanda Berry
56 Frost St.
Brooklyn, NY 11211
Ph. (516) 627-4245

owner's address for 297 Meeker Ave, from ACRIS:

Wanda Berry
PO Box 131
Manhasset, NY 11030-0131

02/23/09-Hiralkumar Patel. received email from Mr. Joffe. he found from NYC DOB that site across frost st was dry cleaner and had seven 1000 gal USTs.

03/06/09-Hiralkumar Patel. received remedial action report from Ben. abstract:

- 186.34 tons of contaminated soils were excavated from southern portion of the former UST area and in proximity to the location of a reported former fuel dispensing island
- two endpoint bottom samples and four endpoint sidewall samples collected from excavation
- found some contamination in endpoint bottom sample from north end of excavation
- additional soil was removed from the north end and collected additional endpoint bottom sample
- sidewall samples were taken at 7 ft bg and bottom samples taken at 11 ft bg (means bottom endpoint samples were taken below water table)
- three monitoring wells (MW-1 through MW-3) were installed in proximity to the former soil boring locations B1 through B3 (borings that done during subsurface investigation in 2007)
- well MW-2 installed at previous boring B1 and MW-3 installed at previous boring B3
- wells were installed to a depth of approx. 14 ft bg and completed with ten feet of screen

- groundwater was found at around 8 ft depth <-----
- site-specific groundwater flow direction is to the northeast <-----
- no free-phase product or other visible indications of potential contamination were observed
- found MTBE contamination in all three wells

-----MTBE

MW-1-----12

MW-2-----150

MW-3-----50

report missing scaled site map.

03/13/09-Hiralkumar Patel. spoke with Ben at FPM. asked him to submit scaled site map with all previous sampling/well locations. asked Ben about any dewatering as soil was removed from below water table also. Ben mentioned that water was coming into excavation so slowly. they were removing soil from excavation and wait till water from excavation bucket drain out before loading soil for disposal. so no dewatering happened.

summary: during all previous investigations, highest contamination was found towards the west end of property, in close proximity to existing well MW-2. and MW-2 is the downgradient well at the property edge.

based on results of high soil and groundwater contamination in area of MW-2 and groundwater flow direction, requires off-site groundwater investigation. requires off-site well downgradient from existing well MW-2.

spoke with Mr. Joffe. explained him findings of previous investigations and asked him for one more well downgradient from well MW-2.

sent letter to Mr. Joffe requiring delineation of possible soil and groundwater contamination, downgradient from well MW-2. letter emailed to Mr. Joffe and Ben.

03/27/09-Hiralkumar Patel. received email from Mr. Cancemi with site map including location of proposed downgradient well.

03/30/09-Hiralkumar Patel. received email from Mr. Cancemi. he is planning to install well on April 08, 2009. sent email to Mr. Cancemi approving proposed location.

05/11/09-Hiralkumar Patel.

1:35 PM:- received report from Mr. Cancemi. abstract:

- off-site well installed (MW-4), about 20 ft downgradient from well MW-2
- well installed to a depth of approx. 14 ft bg with 10 ft of screen
- soil generally consisted of fine to medium-grained silty sand with gravel and trace amount of clay. brick, wood, coal, ash and concrete fragments were noted in the entire screen interval, but were more abundant in the top five ft of boring
- faint petroleum odors and PID responses were noted on soils from 8 to 9 ft interval; no odor or PID noticed in other intervals
- groundwater was found at approx. 7.5 ft bg <-----

- one soil sample collected just above water table and one at 8-9 ft depth (below water table)
- no free product observed in any wells on site
- groundwater flow towards northeast <-----
- 1,400 ppb of MTBE found in soil sample at 8-9 ft depth
- 98 ppb of MTBE found in groundwater sample from MW-4

05/29/09-Hiralkumar Patel.

10:46 AM:- sent letter to Mr. Joffe requiring surrounding area site map (with possible off-site source) and quarterly groundwater monitoring and sampling for a period of one year (including wells gauging during each sampling events to define site specific groundwater flow direction). letter emailed to Mr. Joffe and Mr. Cancemi.

09/24/09-Hiralkumar Patel.

3:20 PM:- spoke with Ben. they submitted proposal to Mr. Joffe but hasn't heard back.

3:22 PM:- spoke with Mr. Joffe. he will ask Ben to conduct groundwater sampling.

09/29/09-Hiralkumar Patel.

12:13 PM:- received email from Ben. he will sample wells on 10/01/09. he mentioned that previous samples were analyzed for VOCs only as gasoline spill was the cause. he asked whether SVOC analysis needed for groundwater samples.

12:45 PM:- sent email to Ben to analyze samples for VOCs only.

12/01/09-Hiralkumar Patel.

3:26 PM:- spoke with Mr. Joffe. he spoke with Ben today. Ben is preparing report. asked Mr. Joffe to submit report by the end of 12/11/09.

12/02/09-Hiralkumar Patel.

11:20 AM:- received quarterly groundwater sampling report from Ben. sampled all four wells in Oct. 2009. minor MTBE contamination found in samples. will sample all wells again in Jan. 2010.

12:42 PM:- sent email to Ben asking to submit next quarterly report by end of Feb. 2010. email copied to Mr. Joffe.

12/11/09-Hiralkumar Patel.

11:20 AM:- received email from Ben including site map showing surrounding area use.

01/25/10-Hiralkumar Patel.

3:41 PM:- received message from Daniel Cole (212-341-0964) from NYC DEP. he mentioned that subject site is e-designated and currently reviewing closure report. Mr. Cole wants to know spill status.

01/26/10-Hiralkumar Patel.

2:40 PM:- received email from Ben. they collected second round of groundwater sampling last week and will submit second quarterly report once lab data is available.

3:06 PM:- spoke with Mr. Cole. Mr. Cole asked if DEC requires anything more than quarterly monitoring. informed Mr. Cole that the department may require additional work based on quarterly groundwater sampling reports. Mr. Cole mentioned that owner did air monitoring. asked Mr. Cole to send copy of air monitoring report. he will email the report.

02/11/10–Hiralkumar Patel.

8:23 AM:– received second quarterly report from Ben. minor MTBE contamination found in groundwater samples (MW–3: 20 ppb, MW–4: 40 ppb). will sample wells in Apr. 2010.

05/12/10–Hiralkumar Patel.

1:56 PM:– received third quarterly report from Ben. minor MTBE contamination found in groundwater samples (MW–3: 23 ppb, MW–4: 57 ppb). will sample wells in July 2010.

08/05/10–Hiralkumar Patel.

8:57 AM:– received fourth quarterly report from Ben. minor MTBE contamination found in groundwater samples (MW–3: 20 ppb, MW–4: 25 ppb).

based on submitted documents, case closed.

2:50 PM:– spill closure letter emailed to Mr. Joffe. email copied to Ben.

Map Identification Number 44



BRUMAR SHEET METAL INC

498 LEONARD STREET

BROOKLYN, NY 11222

Spill Number: 0212132

Close Date: 09/26/2006

TT-Id: 520A–0040–325

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1245 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 498 LEONARD ST

Revised zip code: NO REVISION MADE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Tank Tester

Caller Name: DAVE FAZIN

DEC Investigator: VSZHUNE

Spiller: JILL HUEY – BRUMAR SHEET METAL INC

Notifier Name: DAVE FAZIN

Caller Agency: CROWN LEAK DETECTION

Contact for more spill info: JILL HUEY

Spiller Phone: (718) 782–9052

Notifier Phone: (516) 939–2959 ext. 0

Caller Phone: (516) 939–2959

Contact Person Phone: (718) 782–9052

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended	
03/10/2003		TANK TEST FAILURE	2–608752	NO	NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

RECCOMEND CLEAN TANK DISCONNECT PIPING AND RETEST

DEC Investigator Remarks:

01/27/2006 Kuldeep received the Fax from Brumer, but again information not adequate and need more follow up.

01/23/2006 Kuldeep sent a letter for more information.

01/09/2006 Kuldeep Gupta– Facility Faxed on –01/06/2006 copy of consent Order. Region 2 Nick Lombardo on 01/09/2006 Faxed Report of 5000 gallon Tank Test report of 01/05/2004.

01/06/06 Kuldeep Gupta talked to Ms. Jill Huey and she need a letter in writing what document we need. She wanted to fax it at 1–718–486–6862. DEC Faxed the letter as requested. Kuldeep discussed with Philip Lodico Senior Attorney DEC and found Consent order signed on 03/24/2003 for not this spill.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE" Does not appear on PBS database. Called Jill Huey. She stated that she received a Consent Order to bring the facility in compliance with state laws. The tank is 5000 gallons. 3/11/2003 ars.

DEC Sigona sent TTF notice on March 14, 2003.

9/11/06 This case was transfered from Albany to Region 2. Zhune spoke to Jill Huey (ph: 718–9052) She doesn't want phone calls. She wants every thing by writing. 9/11/06 A TTF letter was sending to :

Jill Huey
498 Leonard Street
Brooklyn, NY 11222

09/18/06 Ms. Huey sent a package of documents the passing tank test from 2003 was missing. 09/19/06 I sent a letter requesting her the tank test results from 2003.

09/22/03 Ms. Huey sent a package of 8 pages including the passing tank test results from 2003, letters stated the following: The system test passed. After the system test failed in October due to a vent bad line, we decided to replace all pipes just to be sure we would pass. Also we would like to convey to your department that no contamination was detected in our system.

What was the cause of the tank test failure on March 3, 2003?

Water in tank issue. Piping needed to be replaced was replaced and systems test passed as a result of replacement.

09/27/06 This case was closed for V. Zhune in accordance with J. Vought.

Map Identification Number 45 **CLOSED-LACKOF RECENT INFO**
 275 NORTH 8TH ST.

NEW YORK CITY, NY

Spill Number: 8706710

Close Date: 03/04/2003
 TT-Id: 520A-0046-974

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1899 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Tank Tester
 Caller Name:
 DEC Investigator: ADMIN. CLOSED

Spiller: OUR LADY OF MT. CARMEL
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone: (718) 384-0223
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/06/1987		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

5K TANK FAILED WITH A HIGH VOLUME LEAK, WILL EXCAVATE, ISOLATE, AND RETEST. CONTACT: FR. CASSARO (718) 384-0223. CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
 03/04/2003-Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 46 **AUTOMOTIVE HIGH SCHOOL – TTF**
 50 BEDFORD AVENUE

BROOKLYN, NY 11222

Spill Number: 0900454

Close Date: 03/22/2011
 TT-Id: 520A-0226-135

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2065 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name:
 DEC Investigator: LXZIELIN

Spiller: KEVIN BOGER – NYC SCHOOL CONSTRUCTION AUTHORITY
 Notifier Name:
 Caller Agency:
 Contact for more spill info: JOSE ORCENI
 Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (201) 797-1909

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/13/2009		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

TANK TEST FAILURE ON A 1000 GALLON UST UNK IF ANY PRODUCT WAS SPILLED.

DEC Investigator Remarks:

4/24/2009 TTF letter sent to:
 NYC Dept of Field Operations – Fuel Division
 Mr. James Merlo
 44-36 Vernon Blvd
 Long Island City, NY 11101

6/12/09. J.Krimgold reviewed and approved the proposed scope of work outlined in the letter report submitted by TRC and dated June 2, 2009.

01/28/10. J.Krimgold reviewed the SIR dated 08/07/09 and concurs with conclusions and recommendations of the report. However, requested closure of waste oil tank and submittal of appropriate Bulk Storage Application.

02/17/11 – LZ

The waste oil tank was permanently closed in place (edocs), which meets DEC requirements. An application was submitted to change the status of the tank. However, it has been returned to the applicant since the tightness test for another tank at the facility is overdue.

The spill case is closed.

Map Identification Number 47 **PS 610** **Spill Number: 0004062** **Close Date: 03/21/2005**
 50 BEDFORD AVENUE BROOKLYN, NY 11222 TT-Id: 520A-0044-918

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING – LARGE SITE
 Approximate distance from property: 2065 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: NONE	Spiller Phone:
Notifier Type: Tank Tester	Notifier Name: JOHN LEDDY	Notifier Phone: (516) 321-4670
Caller Name: JOHN LEDDY	Caller Agency: PROTEST ENTERPRISES	Caller Phone: (631) 321-4670
DEC Investigator: TJDEMEO	Contact for more spill info: FRANK CARDELLO	Contact Person Phone: (718) 391-6832

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/30/2000		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	20000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

tank test failure, no product leaked

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"

3/21/2005 This spill number (tank test failure) is being closed out and consolidated with a new spill (#0413160) which involves the removal of this tank and contaminated soil found around it.

Map Identification Number 48 **SHELL** **Spill Number: 8900824** **Close Date: 04/30/1991**
 2 BUSHWICK AVENUE BROOKLYN, NY TT-Id: 520A-0051-719

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2099 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 2 BUSHWICK AVE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: SHELL OIL Spiller Phone: (516) 942-4122
 Notifier Type: Tank Tester Notifier Name: Notifier Phone:
 Caller Name: W T KLEIN Caller Agency: FRANKLIN CONTRACTOR Caller Phone: (718) 762-5200
 DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
04/26/1989	04/30/1991	TANK TEST FAILURE	2-190411	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

550 GALLON TANK FAILED TANK AUDITOR WITH A LEAK RATE OF .10GPH, WILL EXCAVATE & REPAIR & RETEST, POSSIBLE PIPE LEAK, DEC INVESTIGATED SITE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 49  **810 METROPOLITAN AVE**
810 METROPOLITAN AVENUE

BROOKLYN, NY

Spill Number: 9404715

Close Date: 11/22/1994
TT-Id: 520A-0041-463

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2241 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Tank Tester
Caller Name: ELLEN PENNA
DEC Investigator: O'DOWD

Spiller: MERIT SERVICE STATION
Notifier Name:
Caller Agency: TYREE
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (516) 249-3150
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/06/1994	11/22/1994	TANK TEST FAILURE	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

ISOLATE/RETEST

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 50 **BUSINESS** **Spill Number: 0510292** **Close Date: 01/25/2006**
 32 BEADEL STREET BROOKLYN, NY TT-Id: 520A-0046-485

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2316 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MARLON JOSEPH – BUSINESS Spiller Phone: (646) 772-7949
 Notifier Type: Fire Department Notifier Name: MARLON JOSEPH Notifier Phone: (646) 772-7949
 Caller Name: MARLON JOSEPH Caller Agency: PETROLIUM TANK CLEANERS Caller Phone: (646) 772-7949
 DEC Investigator: JMKRIMGO Contact for more spill info: MARLON JOSEPH Contact Person Phone: (646) 772-7949

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/30/2005		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ABOVE LIQUID LEAK.

DEC Investigator Remarks:

TTF Ltr sent to:

Alberts Plating Works Inc.
 32 Beadel St
 Brooklyn, NY 11222

Attn: Super/Facility Manager

1/12/06. J.Krimgold reviewed the letter-report dated January 9, 2006 and submitted by Middleton Environmental, Inc (631-321-4349). The report states that the tank (UST) failed the test due to the leak in the ullage and that three soil samples taken beneath the tank do not show contaminant concentration above NYSDEC TAGM levels. It also suggests that the spill case can be closed once documentation for UST closure submitted to the Department. This report was not approved by the Department due to the lack of the following information:

Soil samples location (lateral and vertical).
 Soil sampling at the fill port and along the fill line.
 Boring logs.
 Scaled site map.

1/25/06. J.Krimgold reviewed a letter report dated January 25, 2006 and submitted by PTC,Ltd.
 According to the report, the perforations of the tank shell was found at the top of the tank. Samples were taken through the tank bottom and did not show contaminant above TAGM levels. NFA letter.

Map Identification Number 51 **COOPER PARK –NYCHA** **Spill Number: 9515837** **Close Date: 06/10/2008**
 295 JACKSON ST BROOKLYN, NY TT-Id: 520A-0046-200

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2357 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: CALLER – NYC HOUSING AUTHORITY	Spiller Phone: ext. 8480
Notifier Type: Responsible Party	Notifier Name: SEBASTIAN LOREFICE	Notifier Phone: (212) 306-3233
Caller Name: SEBASTIAN LOREFICE	Caller Agency: NYC HOUSING AUTHORITY	Caller Phone: (212) 306-3233
DEC Investigator: jkkann	Contact for more spill info: FRANK OCELLO	Contact Person Phone: (212) 306-3233

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/1996		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	20000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

no apparent leak – tank failed

DEC Investigator Remarks:

12/16/05: This spill transferred from J.Kolleeny to S.Kraszewski.

07/28/06: NYCHA update summary states that two 20K USTs installed in 1953 and store #2 oil are currently in service. Both spills due to TTFs caused by leaking man way gasket. Both repaired and retested. The tanks are rescheduled for testing in 2007. No site assessment available. NYCHA recommends a site assessment be performed during tank replacement. – SK

09/26/06: Site status summary provided to DEC by NYCHA indicates that two monitoring wells are on site and that water/oil mixture is being bailed. Site was therefore identified as a high priority. Site transferred from S. Kraszewski to J. Kann – JK

6/10/08: J.Kann – spill closed and consolidated with 9515713.

Map Identification Number 52 **COOPER PARK HOUSING –NYCHA** **Spill Number: 9515713** **Close Date: 09/14/2009**
 295 JACKSON ST BROOKLYN, NY TT-Id: 520A-0046-199

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2357 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: PAUL GOLDSTEIN – NEW YORK CITY Spiller Phone: (212) 306-3233
 Notifier Type: Local Agency Notifier Name: PAUL GOLDSTEIN Notifier Phone: (718) –
 Caller Name: PAUL GOLDSTEIN Caller Agency: NYC HOUSING AUTHORITY Caller Phone: (212) 306-3233
 DEC Investigator: jkkann Contact for more spill info: PAUL GOLSTEIN Contact Person Phone: (212) 306-3233

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/07/1996		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

12/16/05: This spill transferred from J.Kolleeny to S.Kraszewski.

07/28/06: See DEc remarks for spill #9515837. – SK

5/21/08: J.Kann – site reassigned to J.Kann. Investigative work Plan received.

6/10/08: Spill 9515837 closed and consolidated with this spill.

8/18/09: J.Kann – Site Assessment report submitted in June 2009. Report indicates sheen of product in one well (MW-1). Two other groundwater monitoring wells sampled and results indicate no exceedances. Follow up observations performed by the consultant indicate that the sheen was no longer present in August 2009. A site visit is planned for August 21 to observe groundwater sampling of the well.

9/14/09: J.Kann – Site visit made on 8/21. No oil sheen present in the well (MW-1). Malcolm Pirnie sampled well. Summary of analysis submitted on 9/11. Information provided indicated all concentrations below guidance. Based on information received, spill closed.

Map Identification Number 53 **COOPER PARK –NYCHA** **Spill Number: 9414384** **Close Date: 03/29/1996**
 295 JACKSON ST BROOKLYN, NY TT-Id: 520A-0046-198

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2357 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: NYC HOUSING AUTHORITY	Spiller Phone: (212) 306-3142
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: SEBASTIAN LORIFICE	Caller Agency: NYC HOUSING AUTHORITY	Caller Phone: (212) 306-3233
DEC Investigator: HEALY	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
01/31/1995		TANK TEST FAILURE	2-474630	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Spilled	Units	Recovered	Units	
#4 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
002		Unknown	0.00	UNKNOWN

Caller Remarks:

TANK TEST-GROSS FAILURE

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.

Map Identification Number 54 **COOPER PARK** **Spill Number: 9414271** **Close Date: 03/29/1996**
 295 JACKSON ST BROOKLYN, NY TT-Id: 520A-0046-201

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2357 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: NYC HOUSING AUTHORITY	Spiller Phone: (212) 306-3142
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: SEBASTIAN LORIFICE	Caller Agency: NYC HOUSING AUTHORITY	Caller Phone: (212) 306-3233
DEC Investigator: HEALY	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
01/27/1995		TANK TEST FAILURE	2-474630	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Spilled	Units	Recovered	Units	
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001		Unknown	0.00	UNKNOWN

Caller Remarks:

TANK TEST FAILURE – COULD NOT MAINTAIN LEVEL

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.

Map Identification Number 55 **F N W MECHANICAL** **Spill Number: 0306649** **Close Date: 11/13/2006**
 139 NORTH 10TH STREET BROOKLYN, NY 11211 TT-Id: 520A-0048-059

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2554 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 139 NORTH 10TH ST
 Revised zip code: NO REVISION MADE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: FRANK – FRANK DROSS	Spiller Phone: (718) 384-5751
Notifier Type: Tank Tester	Notifier Name: PHIL FAZIN	Notifier Phone: (516) 375-5890
Caller Name: PHIL FAZIN	Caller Agency: A-1 CROWN LEAK CORPOATION	Caller Phone: (516) 375-5890
DEC Investigator: BKFALVEY	Contact for more spill info: PHIL FAZIN	Contact Person Phone: (516) 375-5890

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/23/2003		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	3000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

RECOMMEND TO UNCOVER-EVALUATE AND RE-TEST

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
9/23/03, ROSSAN; DDO: Tank test failure letter was prepared and

sent to:

Mr. Frank Dross

F N W Mechanical

139 North 10th Street

Brooklyn, NY 11211

Ed.

10/3/05: CBN

Called Phil Fazin, the tank tester and was told he would get back to DEC with more info.

9/22/06 ttf letter sent to owner:

Sandra Maislen

San Ten Raz LLC

120 Pleasant St., Apt. 2

Brookline, MA 02446

bf

11/13/06 On 10/12/06, received letter from Sandra Maislen in response to ttf letter. Reviewed letter and the attachments. The fill line, stick line, and vent line failed. I called Petroleum Tanks to see if they remember detecting any contamination when lines were replaced. I was told Mark Salamack was the person in charge of the tank repairs. He was in a meeting at the time of the call and I left a message for him to call me. Mr. Salamack (718-624-4842) called me back and told me that there was no observed contamination and no elevated reading on the PID meter used at the time of the repairs. NFA. bf



CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 56 **TRANSMISSION MANHOLE 71303** **Spill Number: 1011703** **Close Date: 04/19/2011**
 MEEKER AND RICHARDSON ST QUEENS, NY TT-Id: 520A-0265-108

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 137 feet to the SE*

ADDRESS CHANGE INFORMATION
 Revised street: MEEKER AVE / RICHARDSON ST
 Revised zip code: 11222

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/23/2011		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	31.00	GALLONS	0.00	GALLONS	
OTHER	OTHER	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

water and fluid mix in transmission manhole, investigation ongoing. clean up complete

DEC Investigator Remarks:

4/19/11 – Austin – 31 gals. cable oil found on 800 gals. water in vault – Source not found – Con Ed contained and cleaned up the

spill – see eDocs files for more details – spill closed – end

Map Identification Number 57 **SERVICE BOX** **Spill Number: 0008222** **Close Date: 03/27/2001**
 87 RICHARDSON ST BROOKLYN, NY TT-Id: 520A-0047-904

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 313 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN – UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR DELLACROSE	Notifier Phone:
Caller Name: STEVE ROMARO	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: KMFOLEY	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/13/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTING A SPILL OF MATERIAL FROM AN UNK SOURCE CONED#133919 SAMPLES TAKEN CLEAN UP PENDING LAB RESULTS NO CALLBACK NECESSARY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 e2mis Notes:

1 pint unknown oil on 300 gallons water. Appears to be contained to structure. Oil ID not able to be run due to insufficient amount of material recovered. PCB sample <1ppm. Cleanup completed by double washing with slix. Liquids and solids removed by tanker and vactor. No leaking equipment. KMF 4/3/01.

Map Identification Number 58



MANHOLE (UNK #)
87 RICHARDSON ST

BROOKLYN, NY

Spill Number: 0001500

Close Date: 09/21/2001
TT-Id: 520A-0047-903

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 313 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: BRIAN JOYCE
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name: MR PACE
Caller Agency: CON EDISON
Contact for more spill info: BRIAN JOYCE

Spiller Phone:
Notifier Phone:
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/05/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. AMOUNT REPORTED AS 3 OUNCES. MATERIAL ON TOP OF 3 GALLONS OF WATER. SAMPLE TAKEN AND CLEANUP IS PENDING RESULTS. CON ED # NOT AVAILABLE.
NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #131243 Notes:

5-5-00 1/2pt unknown oil on 3gal water. Liquid sample taken returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment.

Map Identification Number 59 **COMMERCIAL PROPERTY**
 120 NEWTON AVENUE

BROOKLYN, NY

Spill Number: 0408368

Close Date: 07/25/2005
 TT-Id: 520A-0044-682

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 373 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 120 NEWTON ST
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: ROMEO SANTOS
 DEC Investigator: JMKRIMGO

Spiller: MR. ANTHONY GERENIO – 120 NEWTON STREET, LLC Spiller Phone: (718) 641-1098
 Notifier Name: ROMEO SANTOS Notifier Phone: (718) 857-3100
 Caller Agency: DON CARLO ENVIRONMENTAL S Caller Phone: (718) 857-3100
 Contact for more spill info: MR. ANTHONY GERENIO Contact Person Phone: (718) 641-1098

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/29/2004		OTHER	YES		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
			Units		Units	
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

during excavating found unknown petro. strong odor of petro; had a previous spill in 1998:

DEC Investigator Remarks:

11/01/04. J.Krimgold spoke to Mr. Romeo Santos (a consultant for the owner). They were called to do phase 1 and 2 site assessment. While excavating a test pit a UST filled with water and dark contaminated soil was found. Also noted a strong sulfuric or methane odor. They took a sample for ID from UST and will analyze soil to ID contamination. Will get back with results on 11/5/04.

03/08/05. J.Krimgold spoke to Danny Singh (718-857-3100) from Don Carlo Env. Serv. Inc. 1,500 tons of contaminated soil was excavated. The size of excavation is ~70x40' to a depth of GW at ~ 11'. They are preparing a Work Plan to fully investigate (delimit) area of contamination. Should be ready in 2 weeks. Report also will be sent to DEP for rezoning.

7/25/05. J.Krimgold reviewed the Phase II Investigation Report submitted on June 2, 2005 by Don Carlo Env. Services, Inc. (718-857-3100). 1523 tons of contaminated soil were removed and disposed of. Post excavation soil and groundwater sampling did not show contaminant levels above TAGM. NFA letter.

Map Identification Number 60



392 LEONARD STREET

BROOKLYN, NY

Spill Number: 9900802

Close Date: 08/10/1999

TT-Id: 520A-0051-715

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 388 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 392 LEONARD ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name: MR TUROFF

DEC Investigator: SMSANGES

Spiller:

Notifier Name:

Caller Agency: TRINITY PETROLEUM

Contact for more spill info: UNKNOWN

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 257-8470

Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/21/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

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

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 5/19/99 SPOKE TO REED TUROFF (TRINITY CONSULTING - 718-257-8470) HE SAID THE OLD TANKS WERE PULLED IN APRIL. SINCE A PROBLEM WAS FOUND, NO NEW TANKS HAVE BEEN INSTALLED AND THE OWNER & OPERATOR ARE IN DISCUSSIONS AS TO WHO IS RESPONSIBLE AND WHAT WILL BE DONE. ACCORDING TO MR. TUROFF, THE OPERATORS ARE: KAY SINGH AND K. JANGI (718-388-3329). OWNERS ARE: DIMITRI (DAVID) SHTAIRMAN AND WALTER ROMANSKY (718-388-3464)

7/28/99 SPOKE WITH DIMITRI SHTAIRMAN - HE SAYS A NEW LEASE WAS SIGNED WITH KAY SINGH FOR THE STATION AND MR. SINGH AS OPERATOR IS RESPONSIBLE FOR ALL ENVIRONMENTAL WORK ON THE SITE.

DIMITRI SAYS THAT ALL CONTAMINATED SOIL HAS BEEN DUG OUT AND REMOVED. HE SAYS END POINT SAMPLES OF THE OPEN HOLE WERE TAKEN BY ASTEM LAB INC (DR. NORMAN MUNROE 718-459-3770). RIGHT NOW THE SITE HAS A LARGE OPEN HOLE AND THEY ARE NOW WAITING FOR THE CONTRACTOR TO INSTALL THE NEW TANK & SYSTEM, BACKFILL AND REPAVE THE SITE.

8/10/99 – ASTEM LABORATORIES, INC. SUBMITTED A REPORT SHOWING 6 END POINT SAMPLES (1 EACH SIDE, 2 BOTTOM) TAKEN FROM PIT WHERE 550 TANKS WERE. ALL SAMPLES WERE TESTED FOR 8021 + MTBE. ALL RESULTS INDICATE BTEX AND MTBE WERE <50 PPB.

CLOSE OUT (CPT SAYS OK)

Map Identification Number 61 	CONSTRUCTION SITE 392 LEONARD STREET	BROOKLYN, NY	Spill Number: 0610686	Close Date: 08/26/2010 TT-Id: 520A-0051-713
MAP LOCATION INFORMATION Site location mapped by: MANUAL MAPPING (3) Approximate distance from property: 388 feet to the SW		ADDRESS CHANGE INFORMATION Revised street: 392 LEONARD ST Revised zip code: NO CHANGE		
Source of Spill: COMMERCIAL/INDUSTRIAL	Notifier Type: Police Department	Spiller: GABRIEL KAPUR – CONSTRUCTION SITE	Spiller Phone: (917) 682-3753 ext. C	
Caller Name:	DEC Investigator: RVKETANI	Notifier Name:	Notifier Phone:	
		Caller Agency:	Caller Phone:	
		Contact for more spill info: GABRIEL KAPUR	Contact Person Phone: (917) 682-3753 ext. C	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/20/2006		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS A CALL REGARDING LARGE PUDDLES OF GASOLINE AT THIS SITE: SERVICE NUMBER 1516668

DEC Investigator Remarks:

Vought was on off hours

8/16/10 – Raphael Ketani. The spill was called in on 12/20/06 by the NYPD and Gabriel Kapur of the NYCDEP (917) 682-3753. The spill was large gas puddles on the surface of the site.

The site is block and lot 2733 and 7. It was sold on 7/28/87 by Lawrence Sievers of 5 Mt. Logan Court, Farmingville, NY to Walter

Romansky and Dimitri Shtairman of 2421 East 74 Street, Brklyn, NY.

There are two PBS registrations. PBS #2-510793 is for the 278 Fuel Stop, Inc. It lists four 4,000 gal. USTs and one 550 UST as still active with gasoline and diesel. The 4,000 gal. tanks were installed in either 1972 or 1999. The 550 UST was installed in 1939. There were 4 USTs that were closed and removed in 1939. The owner of the site is 278 Fuel Stop, Inc. (718) 388-3329. The contact is Kuldeep S. Sakota (718) 388-3329/(201) 548-1658.

PBS #2-611136 is for A-1 Auto Repairs, Inc. It lists just a 275 gal. waste oil tank as being in service that was installed in 6/1/08. The owner of the site is Avtar Singh, 126 Berwood Drive, Linden, NJ 07036 (908) 486-0412. Mr. Singh is also at (718) 388-3464.

There is no paper file and there are no E-docs.

There are two other spill cases, both of which were closed by Steve Sangesland of Spills. They are #9900802 and #0310672. Case #9900802 was opened on 4/21/99 and closed on 8/10/99. It was based upon the discovery of oil contaminated soil when they pulled the 550 gal. UST. The soil was dug out and the end point samples were below 50 ppb.

Case #0310672 was opened on 12/16/03 and closed on 12/16/03. There was an anonymous call regarding someone sweeping gas into the sewers.

8/25/10 – Raphael Ketani. I made an unannounced site visit today. It was raining moderately, but I felt that it would still be possible to determine the site conditions. The site fronts on Leonard Street and on Meeker Avenue, where it parallels the Brooklyn Queens Expressway. There wasn't much to see from the Leonard Street side. There is a corrugated still building that opens onto Leonard Street. It has a sloping roof (see E-docs). The building was being used as a metal fabrication shop. The floor was clean. Next, I went to the Meeker Avenue side of "278 Fuel Stop." Even though it was raining, I didn't see any sheen on the pavement in the fueling area (see E-docs). There appeared to be some small (about 6" diameter) stains on the, but nothing else. Next, the gas station manager showed me the repair area. The area was largely dry as it was mostly covered by a roof. There were several trucks in and next to the garage. I didn't see any free product on the pavement, but there were some old stains. I told the station manager to make sure that any spills that occur are cleaned up quickly. After this, I left the site.

As the spills mentioned in the original spill report are no longer present, and as there appeared to be no new spills, I have determined that there is no threat to the environment or the public. Therefore, I am closing the spill case.

Map Identification Number 62



VS 3971

BAYARD ST/LENARD ST

BROOKLYN, NY

Spill Number: 9900576

Close Date: 04/26/1999

TT-Id: 520A-0043-029

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 407 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: BAYARD ST / LEONARD ST

Revised zip code: 11222

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name: PACE	Notifier Phone: (212) 580-6763
Caller Name: MIKE CESARE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: MIKE CESARE	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/15/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

APPROX 1 ONCE OF ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION.

CLEAN UP PENDING TEST RESULTS. CON ED #124261. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

Found unknown & undiaperable sheen in VS 3971 on 20 gallons of water. Spill is contained. Sump pit only in structure no sewer connection. Pressure tested VS o.k. records show V.S. to have 224 ppms (FDR 6B53)

<1.0 ppm, 4-16-99, 0400 hrs, K. Hufford flush reports in VS3971 cleanup completed.

Map Identification Number 63 **INTERSECTION FROM MANHOLE 4917** **Spill Number: 1011113** **Close Date: 02/25/2011**
 **MANHATTAN AVE AND FROST ST** **BROOKLYN, NY** **TT-Id: 520A-0260-387**

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 413 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: MANHATTAN AVE / FROST ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: CON ED Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/04/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0.01	GALLONS	0.00	GALLONS	

Caller Remarks:

1 qt unknown oil to 20 gallons water – pumped to sewer drain – cleanup pending

DEC Investigator Remarks:

2/25/11 – Austin – 1 quart cable oil leak in service vault, on top of 20 gals water – Spill contained and cleaned up by Con Ed – see documents in Edocs for further information – spill closed – end

Map Identification Number 64 **COMMERCIAL LOT** **Spill Number: 0409303** **Close Date: 11/19/2004**
 **407 LEONARD STREET/BAYARD** **BROOKLYN, NY** **TT-Id: 520A-0044-683**

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 459 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 407 LEONARD ST
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ANNY – COMMERCIAL LOT Spiller Phone:
 Notifier Type: Citizen Notifier Name: ANNYOMOUS Notifier Phone: () –
 Caller Name: ANNYOMOUS Caller Agency: ANNY Caller Phone: () –
 DEC Investigator: JMKRIMGO Contact for more spill info: ANNY Contact Person Phone:

Category: Investigation indicates there was no spill.
 Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/19/2004		OTHER	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

CALLER STATES THAT EXCAVATION IS GOING ON AT THIS SITE AND THE ODORS ARE HORRIBLE, WOULD LIKE SOMEONE TO CHECK OUT: TRACKING DOWN THE ROAD ALSO;

DEC Investigator Remarks:

11/19/2004. Same site as in spill # 0130048.

Map Identification Number 65 **COMMERCIAL LOT** **Spill Number: 0130048** **Close Date: 02/18/2005**
 407 LEONARD ST BROOKLYN, NY TT-Id: 520A-0051-743

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 459 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 407 LEONARD ST.
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: PATRICK FITZGERALD Spiller Phone: (815) 338-0110
 Notifier Type: DEC Notifier Name: Notifier Phone:
 Caller Name: JACOB KRIMGOLD Caller Agency: NYS DEC Caller Phone: (718) 482-6389
 DEC Investigator: JMKRIMGO Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
11/15/2001		OTHER	YES		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL		PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
KEROSENE		PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

NYSDEC has performed a subsurface investigation on adjacent property Spill # 9703488 @ 75 Richardson Ave. and determined that the motor fuel storage systems located on this property might have been a source of contamination.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
See file Eng. CO. 229 @ 75 Richardson Ave.

09/10/03. J.Krimgold spoke over the phone with Iradg Youssefinia from NY Petroleum, Inc. @ 251 Post Ave., Westbury, NY 11590 (516) 338-0626. He is a consultant/contractor preparing proposal to investigate this site for Mr. Morris Borenbaum (new owner?). He will submit an investigation plan for the Departmental review.

6/16/2004 Attorney for new owner called to ask what needed to be done to close out the case. Sangesland told him to ask Krimgold. Attorney said he has a report from Dr. Youssefinia showing clean water and soil samples. Sangesland told him to mail in a copy of the report to Krimgold for review.

8/2/04. J.Krimgold has reviewed the Phase II report submitted by NY Petroleum and Driling Co. and dated 06/10/04. The report was not approved and a letter requesting to make corrections ans resubmit the report has been sent to Mr. Borenbaum and Mr. I Youssefnia.

11/01/04. J.Krimgold has reviewed a corrected report dated 09/16/04. The report still cannot be approved due to the lack of information (Phase I is missing). J.Krimgold requested an on-site meeting with a consultant.

12/03/04. J.Krimgold met with Mr. I. Youssefnia at the site and maped locations of additional soil borings.

See also 0409303. Rommel

2/18/05. J.Krimgold reviewed the Ground Water Investigation report submitted on January 13, 2005 by NY Petroleum and Drilling Corp. Based on the findings of this and previouis reports no contamination was found at this property. NFA letter.

Map Identification Number 66 **CHLORINE FACTORY**
 126 NEWTON ST

BROOKLYN, NY

Spill Number: 9809496

Close Date: 02/12/2003
 TT-Id: 520A-0049-637

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 474 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Local Agency
 Caller Name: OPERATOR 143
 DEC Investigator: KGHale

Spiller: CHLORINE FACTORY
 Notifier Name: STAN STETONBURG
 Caller Agency: DEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (718) 595-6777
 Caller Phone: (718) 595-6777
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/28/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
CALCIUM HYPOCHLORITE	OTHER	0	GALLONS	0	GALLONS	SOIL
	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FIRE AT A CHLORINE FACTORY - FIRST REPORTED OEM LIMA 212-374-5500

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HALE"
 02/12/2003- Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 67 **MANHOLE 64805**
 MEECKER AVE A DN FROST ST

BROOKLYN, NY

Spill Number: 0904192

Close Date: 08/18/2009
 TT-Id: 520A-0230-843

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 564 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: MEEKER AVE / FROST ST
 Revised zip code: 11211

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNK Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/10/2009		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	OTHER	7.00	GALLONS	0.00	GALLONS	

Caller Remarks:

7 gallons of unk oil into manhole contained to the structure. Clean up pending sample results.

DEC Investigator Remarks:

8/18/09 – Austin – Spill of cable oil – Spill contained and cleaned up – see eDocs for details – spill closed – end

Map Identification Number 68  **59-65 FROST STREET** **Spill Number: 0212488** **Close Date: 02/14/2007**
 59-65 FROST STREET BROOKLYN, NY TT-Id: 520A-0044-679

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 730 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: SAME – SAME Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: SAME Notifier Phone:
 Caller Name: JOHN SCHRETZMAYER Caller Agency: ASSOCIATED ENVIROMENTAL Caller Phone: (631) 744-8900
 DEC Investigator: WXSUN Contact for more spill info: JOHN SCHRETZMAYER Contact Person Phone: (631) 744-8900

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
03/10/2003		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL
BTEX		OXYGENATES	0	UNKNOWN	0	UNKNOWN	

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

3/19/2003 – JZ/DO: The caller was hired for a site subsurface investigation for property re-finance. Soil and GW samples was analyzed with EPA method 8260 and found contaminations. This site is currently a warehouse. There is no tank evidence. It was a dry cleaner at this location in history. There is no dry cleaner solvents found during the site assessment. Next property is a DEP's repair shop. DO has requested site assessment report snet to Sangesland.

The current owner info: Fratelli Ricatto Developement, 391 Leonard Street, Brooklyn, NY 11211–1301.

11/15/05 called John Schretzmayer and left message to call me. J Lister

11/17/05 spoke with John Schretzmayer (516–658–5304) and he will send work plan. J Lister

10/30/06 Reassigned from Lister to Sun. (MS)

11/27/06 Reviewed Groundwater Monitoring and Sampling Plan dated 10/11/06 and submitted by Hydro Tech Environmental (contact: Mark E. Robbins phone: 631–462–5866). Faxed letter report on 11/27/06 requiring the following: "It must be demonstrated that groundwater contaminant concentrations are decreasing to Groundwater Quality Standards in a reasonable time frame. Therefore, the Department requires that one (1) more round of groundwater monitoring and sampling be performed as well as an Exposure Assessment/Sensitive Receptor Survey, before the above referenced spill can be considered for closure."

VOC contamination is only observed in 2 of the 5 wells onsite and are obviously decreasing over time, however one more sampling event will confirm natural attenuation.(JS/MS)

2/12/07: NYSDEC received Exposure Assessment Report and latest groundwater analytical results on 2/9/07 and is reviewing. (JS/MS)

2/14/2007: Upon receipt and review of the Exposure Assessment Report as well as the results of the latest groundwater sampling event for this site, submitted by Hydro Tech, this spill site has been closed and a No Further Action letter has been sent to the property owner and consultant. The following is a brief summary of factors supporting this action. As stated in the Report; the source of contamination has been removed, no significant receptors or exposure pathways are present at the site, and a 90% decrease in overall VOC concentration has been observed over time. Only limited VOC contamination remains (1,3,5 and 1,2,4

Trimethylbenzene= 8.57 and 6.7 ug/L, respectively) in one monitoring well. No further action is needed, spill case is closed.
(JS/MS)

Map Identification Number 69 **PAINT FACTORY** **Spill Number: 0507793** **Close Date: 09/29/2005**
 415 GRAHAM AVE BROOKLYN, NY TT-Id: 520A-0040-736

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 770 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: FIREFIGHTER FENDMAN – PAINT FACTORY Spiller Phone: (917) 769-0483
 Notifier Type: Fire Department Notifier Name: FIREFIGHTER FENDAMAN Notifier Phone: (917) 769-0483
 Caller Name: FIREFIGHTER FENDAMAN Caller Agency: FIRE DEPT NY Caller Phone: (917) 769-0483
 DEC Investigator: JXZHAO Contact for more spill info: FIREFIGHTER FENDMAN Contact Person Phone: (917) 769-0483

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/29/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PAINT	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

PAINT FACTORY IS BEING DEMOLISHED AND PAINT IS ALL OVER THE GROUND: FIRE DEPT ON SCENE: LOW LAYING GROUND. NEAR STREAMS

DEC Investigator Remarks:

duplicate spill – cross ref with 0505877 – managed by Zhao

Map Identification Number 70 **704 LORIMER ST**
 704 LORIMER ST

BROOKLYN, NY

Spill Number: 0106834

Close Date: 09/25/2003
 TT-Id: 520A-0047-905

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 825 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Federal Government
 Caller Name: JOHN WITKOWSKI
 DEC Investigator: MXTIPPLE

Spiller: UNK
 Notifier Name: ELIZABETH CARRANO
 Caller Agency: US EPA
 Contact for more spill info: MRS CARRANO

Spiller Phone:
 Notifier Phone: (718) 388-9680
 Caller Phone: (732) 548-8730
 Contact Person Phone: (718) 388-9680

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/01/2001		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

Caller states air around her home smells like teargas. She has had exposure to this and recognized the odor

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
 10/02 REFERRED TO THE AIR UNIT

Map Identification Number 71 **354 LEONARD ST**
 354 LEONARD ST

BROOKLYN, NY

Spill Number: 9909588

Close Date: 03/15/2004
 TT-Id: 520A-0048-943

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 852 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller:	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MARYANNE GRAPPONE	Notifier Phone: (718) 389-9187
Caller Name: MARYANNE GRAPPONE	Caller Agency: CITIZEN	Caller Phone: (718) 389-9187
DEC Investigator: RWAUSTIN	Contact for more spill info: MARYANN GRAPPONE	Contact Person Phone: (718) 389-9187

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/07/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

ON GOING COMPLAINT – MARK TIBBE IS AWARE OF THE PROBLEM – NEIGHBOR MUST HAVE GOTTEN A DELIVERY RECENTLY – SEVERE OIL ODOR IN THE HOUSE

REQ A CALL FROM DEC

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
 3/15/04 – AUSTIN – SEWER SPILL FROM OVER 4 YRS. AGO – CLOSED – ORIG. ASSIGNED TO COMENALE – END

Map Identification Number 72



354 LEONARD ST

BROOKLYN, NY

Spill Number: 9814583

Close Date: 02/19/2003

TT-Id: 520A-0048-942

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 852 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: 348 OR 350 LEONARD ST Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: MARYANN GRAPPONE Notifier Phone: (718) 389-9187
 Caller Name: MARYANN GRAPPONE Caller Agency: HOMEOWNER Caller Phone: (718) 389-9187
 DEC Investigator: COMENALE Contact for more spill info: MARYANN GRAPPONE Contact Person Phone: (718) 389-9187

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/07/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT WHENEVER NEIGHBORS HAVE OIL DELIVERED –HER HOUSE BECOMES FILLED WITH OIL FUMES AND THEY IRRITATE HER THROAT

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 73 **INSIDE MCCARREN POOL** **Spill Number: 0907892** **Close Date: 07/02/2012**
 BAYARD AND LORIMER ST. BROOKLYN, NY TT-Id: 520A-0233-017

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 858 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: BAYARD ST / LORIMER ST
 Revised zip code: 11211

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: UNKNOWN Notifier Phone:
 Caller Name: UNKNOWN Caller Agency: UNKNOWN Caller Phone:
 DEC Investigator: vszhune Contact for more spill info: CALLER Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
10/13/2009		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

Soil borings determined soil and contamination. Remediation in progress.

DEC Investigator Remarks:

10/14/09–Zhune called Michelle Lortz from Westin Solutions (732)417–5821. Left a message

10/28/09– Michelle called and said the City of New York is renovating the pool located on Bayard and Lorimer St. Westin Solutions performed a Phase II. The report will be send next month.

Project Manager Barry Schaartc 718–391–1333 with New York City Department of design and Construction.

11/13/09–Zhune spoke to Barry from DDC. He said Westin Solution is one of their contractor. They are doing Environmental soil Investigation(Phase II) at this site. The NYSParks owns this site. They want to rivise the use of the pool in the property. Westin Solution found mild contamination around the UST Tank. The report will be sent in 3 weeks.

12/06/11– Jason Hayes called to say that they removed the 2500 gallons and took endpoint samples. They also abandoned in place the 10000 gallons tank. Report is being reviewed by Marty Rowland.

06/18/12– Phase II submitted by Weston Solutions of New York dated December 1,2009
The following conclusions were presented:

Underground Storage Area #1 (10000 –Galloons UST).– the soil and groundwater analytical results did not identified evidence of an impact to soil and groundwater associated with the 10000 gallon oil UST(UST Area 1). As per the report the elevated TAL metals in groundwater (GW–1) collected to investigate this UST are atributable to the presence of fill.

Underground Storage Area #2 (2500 –Galloons UST).–
Elevated concentrations of VOCs Toluene(34 ug/l), SVOCs (benzo (a) anthracene, (benzo (b) fluoranthene, benzo (K) fluoranthene, Chrysene, Fluoranhtene, Indeno(1,22,3–cd)pyrene and pyrene) and metals (antimony, arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, mercury, nickel, selenium, sodium, and zinc were detected in groundwater sample (GW–04) collected to investigate the former 2500 gallon UST (UST Area 2).

Propose Excavation Area #1.– The soil analytical results of the samples collected from borings SB–09, SB–10, SB–11, SB–12, SB–13,

SB-14, SB-15, SB-16, SB-17 and SB-18 in the proposed excavation Area #1 y Area #2 identified the following SVOCs ((benzo (a) anthracene, benzo (a) pyrene, benzo (b)fluoranthene,benzo (k)fluoranthene, chrysene, dibenzo (a,h) anthracene and Indeno(1,22,3-cd) and the following metals (arsenic, barium, cadmium, calcium, chromium, copper, lead, mercury, magnesium, nickel and zinc) at concentration eceeding the limit acceptable.

Elevated concetrations of SVOCs ((benzo (b) fluoranthene, benzo (K) fluoranthene, benzo (k)fluoranthene, Chrysene, Fluoranhene, Indeno(1,22,3-cd)pyrene and pyrene and metals(antimony, arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, mercury, nickel, selenium, sodium, and zinc) were detected in the groundwater sample collected from GW-5 (Excavation Area 2) at concentration exceeding the standards.

In Filled pool Area. The soil analytical results of the samples collected from borings SB-19 and SB-20 in the filled pool area identified SVOCs, metals at concentrations exceeding the standards and the PBC Aroclor 1254 at 1.4 mg/kg in sample SB-19 and the Aroclor 1254 at 1.8 mg/kg in sample SB-20.

11/17/10- Langan Engineering sent the spill Investigation report dated 11/15/10.

Langan Conducted investigation to delineate the extent of groundwater contamination in the underground Storage Area #2. The field investigaton included geophysical survey, nine borings (EB-1 through EB-9 and the installation of three temporary monitoring wells (MW1, MW5 and MW7).

The report found that the 2500 UST could not be found by the geophysical survey in the underground storage area #2. Petroleum impacts including staining and odors were identified in borings EB-1, EB-2, EB-3, EB-5, EB-6, EB-8, EB-9. VOC's in groundwater were not detected in samples collected from monitoring wells MW-1, MW-5, MW-7.

05/15/11- Langan Engineering sent the Supplemental Subsurface Investigation Report dated 05/12/11.

Langan conducted investigation in the lines in the underground storage area #1 and #2.

Four borings (PB-1 through PB-4 were installed to investigate the lines in the 10000-gallon UST;. No VOCs were detected in any of the samples collected from sample PB-1 through PB-4.

SVOC's (Benzo a anthracene, Benzo a pyrene, naphthalene) were detected in sample PB-1(7-9 feet) and SVOC's (Benzo (a)anthracene, Benzo (a)pyrene, benzo (b) fluoranthene,benzo (k) fluoranthene and Chrysene) were detected in sample PB-4(5-7 feet) at concentration exceeding the standard.

Eight soil borings (PB-5 thrugh PB-12 were installed to investigate the lines in the area of the 2500-gallon UST. No VOC's were detected in any of the soil samples collected from boring PB-5 through PB-12. SVOCs (Benzo a anthracene, Benzo (a)pyrene. benzo (b) fluoranthene, benzo (k) fluoranthene and Chrysene) were detected in soil samples collected from borings PB-9 (13-15 feet), PB-19(8-10 feet), PB-10(12-14 feet), PB-11A(13-14 feet), PB12(8-10 feet), PB-12(12-14 feet).

VOCs 1,2,4,5 tetramethylbenzene were detected in groundwater sample collected from TMW-3 and TMW-4 and Benzene and naphthalene were found in groundwater sample collected from TMW-5 in concentrations exceeding the limit.

12/17/2011- Langan Engineering sent the UST and Spill Closure report dated December 13,2011.

Six enpoint samples were collected following the excavation and removal of the 2500-gallon UST. sample were collected from each sidewall and two samples were collected from the bottom of the excavation. The soil analytical result indicated no VOC's exceedances, SVOCs exceedances were found in two of the six samples.

The 10000-gallon UST was abandoned in-place. No sample were collected since the subsurface around the tank has been characterized by previous investigations and no evidence of contamination has been identified.

06/05/2012- Langan Engineering sent the groundwater confirmation Sampling Report dated 06/01/2012. Four confirmation groundwater samples around the former 2500-gallon UST were collected from four borings (GW-A through GW-D). The ground water analytical results indicated no VOCs found above the limit and SVOCs exceedances in the groudwater included benzo(b)fluoranthene, benzo (k)fluoranthene and Chrysene all of the four groundwater samples and indeno (1,2,3-cd)pyrene in three of the groundwater samples (GW-B, GW-C, GW-D). As per the report the exceedance of SVOC's in groudwater are atributable to the presence of fill. Spill Closed.

Map Identification Number 74	PRIVATE DWELLING		Spill Number: 0911958	Close Date: 02/12/2010
	184 RICHARDSON STREET	BROOKLYN, NY		TT-Id: 520A-0248-308
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (3)		Revised street: NO CHANGE		
Approximate distance from property: 861 feet to the E		Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING		Spiller: ALEXANDRA SUMNER - UNKNOWN	Spiller Phone:	
Notifier Type: Other		Notifier Name:	Notifier Phone:	
Caller Name:		Caller Agency:	Caller Phone:	
DEC Investigator: HRAHMED	Contact for more spill info: ALEXANDRA SUMNER		Contact Person Phone: (917) 386-8566	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/11/2010		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	INDOOR AIR

Caller Remarks:

STRONG ODOR OF PETROLEUM PRODUCTS NOTICED INSIDE HOME SINCE LAST WEDNESDAY (ON THAT DAY THE ODOR WAS STRONG ENOUGH TO FORCE EVERYONE OUT OF THE BUILDING) AND HAS SINCE DECOME LESS PROMINENT BUT STILL EXISTS. NEIGBORS ACROSS THE STREET ALSO NOTICE THE ODOR, OIL COMPNAY HAS DONE AN INSPECTION AND HAS FOUND NO LEAKS INSIDE THE HOME. CALLER CLAIMS DEC INSPECTED PREMISES ON MONDAY OF THIS WEEK ALREADY (?)

DEC Investigator Remarks:

02/12/10--HRAHMED--Spoke to Ms Sumner. This is a duplicate spill of spill#0911853. As per her, the odor is less than the last time DEC investigated, but it is still there. Since the odor is musty or sewer type, I suggested her to consult with DEP to check if they have any problem in their main sewer line in that area or with a plumber to check that the sewer trap in the house is working and there is no sewer leak in the house. She said she will do that. She was referencing the meeker ave plume investigation and asking if her house can be included in the investigation. She told she will contact dave Harrington to check if he can do an investigation in her house as part of Meeker Ave plume investigation.

Based on the fact that there was no visible evidence of oil spill in her basement (checked the sump pump, drain cover, oil tank, boiler, fill port and vent line) and noticed no petroleum type of odor in her house during the last investigation on 02/08/10, the case is closed.

Map Identification Number 75



SUMNER RESIDENCE

184 RICHARDSON ST

BROOKLYN, NY

Spill Number: 0911853

Close Date: 02/10/2010

TT-Id: 520A-0248-305

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 861 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: ALEXANDRA SUMNER – ALEXANDRA SUMNER Spiller Phone:
 Notifier Type: Other Notifier Name: ALEXANDRA SUMNER Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: HRAHMED Contact for more spill info: ALEXANDRA SUMNER Contact Person Phone: (917) 386-8586

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/03/2010		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

ODOR COMING FROM THE SEWER AND WELL IN THE BASEMENT. FUEL COMPANY CANNOT FIND THE SOURCE.FD WAS ON SCENE; UNKNOWN ODOR. CALLER STATES EVERY TIME IT RAINS THE WATER FROM THE NEIGHBORHOOD COMES INTO THE SEWER.

DEC Investigator Remarks:

02/8/10–Vought–Duty desk officer. DEC Austin received call from Ms. Sumner (via NYSDOH Dawn Hettrick). Ms. Sumner indicated that odors began approximately three days ago and were petroleum odors that were coming from her sewer trap. She noted that neighbor across Richardson Street also observed petroleum odors as well. She had oil company inspect her 275–gallon #2 fuel oil AST and they noted no current leakage. DEC Ahmed (runner) to perform site visit.

02/08/10–HRAHMED–Responded to the site as Daytime Runner. Met with houseowner Ms Alexandra Sumner (917 386 8586). As per her, she has been noticing strong petroleum type odor in her basement and hallway since 02/04/10. It is becoming less, but today its more like sewer odor. DEP inspector Emmanuel (718 923 2716) was at the scene. DEP received a odor complaint from resident of 177 Richardson St. But he didn't have access to that address at that time. Went to basement with Alexandra and Emmanuel. Noticed musty odor in the basement. Checked the sump pump area, it was dry. Checked the drainage pipe, noticed no sheen. Checked the Oil tank and the burner, noticed no sign of leakage. Suggested Alexandra to ventilate the place. Spoke to the resident of 175 Richardson St. As per him he didn't notice any odor in his residence.

Since there is no evidence to oil spill nor petroleum like odor, this case is closed.

Map Identification Number 76 **OLD PAINT FACTORY**
 133 JACKSON AVE

BROOKLYN, NY

Spill Number: 0505877**Close Date: 06/20/2007**
TT-Id: 520A-0051-725

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 870 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 133 JACKSON ST
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name: MICHEAL FREEMAN
 DEC Investigator: lxzielin

Spiller: MICHEAL FREEMAN – OLD PAINT FACTORY
 Notifier Name: MICHEAL FREEMAN
 Caller Agency: LAW OFFICE
 Contact for more spill info: MICHEAL FREEMAN

Spiller Phone: (646) 366-0881
 Notifier Phone: (646) 366-0881
 Caller Phone: (646) 366-0881
 Contact Person Phone: (646) 366-0881

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/12/2005		OTHER	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

A SPILL WAS CALLED IN ON MAY 17TH: AND WAS CLOSED: SPILL # 0501932: DEC OFFICER RANDY AUSTIN SAID IT NEEDS TO BE CALLED INTO SPILL DIVISION: FOUND HYDROCARBONS AT LOCATION; CLIENT WOULD LIKE TO CLEAN UP QUICKLEY:

DEC Investigator Remarks:

06-19-07 – Zielinski

The May 2007 Site Closure Report(eDocs), prepared by Environmental Business Consultants, provides information on the status of the site contamination. After tanks were removed, contaminated soil excavated, and chemical treatment conducted, endpoint samples were taken in the western part of the site(previously, the department asserted that no further action was required in the eastern part of the property). The analyses of all five collected samples revealed that at location SPW1 tert-butylbenzene was 2,000 ppb(the limit is 1,000 ppb)and

4-isopropyltoluene was 26,000 ppb (no limit in RSCO). Other analyzed constituents were within the RSCO limits. Presented in the report analyses of groundwater show significant reduction in contaminants' concentration after the chemical oxidant treatment. In

downgradient located wells, exceedances include acetone: 290 ppm in at MW-5, 420 ppm at M-19, 170 ppm at MW-20;

benzene: 6.2 ppm at MW-5, 5.4 ppm at MW-19;

bromomethane; 10 ppm at MW-5;

toluene : 47 ppm at MW-5, 180 ppm at MW-17, 11 ppm at MW-19, 35 ppm at MW-20;

isopropylbenzene: 54 ppm at MW-19,

m,p-xylene: 38 ppm at MW-17, 14 ppm at MW-19;

methylene chloride: 53 ppm at MW-17, 12 ppm at MW-20, 9.6
o-xylene: 5.6 ppm at MW-17;
The case is closed.

11/20/06 – Zielinski

Contamination from former paint manufacturing operations was found in the western half of the property. By December 2005, about 3,500 tons of contaminated soil was removed from the site. Later, dry chemical oxidant was added to the base of the excavation to attenuate residual contamination. With one exception (tertbutylbenzene in the northwest corner of the site), endpoint samples showed that these activities had been effective. Subsequently, completed on January 2006, an activated injection program was implemented at 37 locations. Between April and May of 2006, about 500 tons of impacted soil was removed from the northwest corner; 2,000 gallons of total fluids were extracted; spot treatment injection was conducted in the northwestern corner and the center of the site.

In order to complete the remediation of the site, Environmental Business Consultants (EBC), the company conducting remediation activities at the site, propose that oxidant injections will be conducted in three wells in the rear yard of the site. Laboratory analyzes will determine whether additional oxidant treatment is needed.

03-21-06 – Zielinski

By December 2005, about 3,500 tons of contaminated soil was removed from the western part of the property. Later, on January 2006, an activated oxidant injection program, consisted of 37 injection locations in the western part of the property, was completed. The March 16 sampling showed a significant reduction in VOC contamination. To complete remediation process, additional soil from vicinity of MW 5 will be removed and a vapor barrier will be installed. also, the groundwater monitoring at several locations will be continued: In her April 4, 2006, e-mail to Charles Sosik, PWGS project manager, Jie Zhao had no objection to construction at the west part of the property— she required to replace well # 15 for a long-time monitoring purpose.

02/10/06 – Zielinski

On February 2, 2006, a 30-mil HDPE vapor barrier was installed, and reinforcing steel was placed above the barrier.

8/12/05 – Austin – This location had been previously called in due to the discovery of "paint waste" (spill #0501932). In conversations that I had with two consultants about that report, I directed them to the Brownsfield program. Recently, it was discovered that this was a former CBS facility that had closed out its tanks in 1998 (#2-000171, listed as 135 Jackson St.). Therefore, we are assigning this spill report to Jie Zhao for remedial review, as per Pts 596.6 and 598.10.

9/8/2005 – jz: Site Investigation Report was received on 8/23/2005. Remedial Action Plan was received on 8/26/2005. Zhao spoke to Mr. Charles B. Sosik, Project Manager from P W Grosser today. Excavate of contaminated soil to groundwater level (about 15 ft below grade) is approved by DEC. Detailed information about ORC application is required before apply which includes possible assessment of groundwater parameters. Soil excavation may start any time.

Map Identification Number 77 **CONSTRUCTION SITE**
 133 JACKSON AVE

BROOKLYN, NY

Spill Number: 0501932

Close Date: 05/20/2005
 TT-Id: 520A-0051-726

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 870 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: 133 JACKSON ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: DAVID YUDELSON
 DEC Investigator: RWAUSTIN

Spiller: UNKNOWN NAME – GLOSS FLOW CORP.
 Notifier Name: LAB RESULTS
 Caller Agency: ATTORNEY
 Contact for more spill info: DAVID YUDELSON

Spiller Phone:
 Notifier Phone:
 Caller Phone: (917) 295-6449
 Contact Person Phone: (917) 295-6449

Category: Investigation indicates there was no spill.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/17/2005		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

historical spill from an old paint factory. trimethyl benzene and naphthalene found above DEC limits. The new owner of the property will be contacting someone for clean up.

DEC Investigator Remarks:

5/20/05 – Austin – Spoke with Bill Conroy of Conroy Environmental. He indicated that paint waste contamination had been found in the soil of this former paint plant. He indicated that the site may have come under USEPA action in its prior use. I explained that since this was not a petroleum spill, it did not have to be called into the Spills Hotline. I also indicated in the phone call that he should contact Dan Walsh of the Region's Haz. Waste Remed. Section, for information pertaining to the DEC's Brownsfield program, after he contacts the USEPA to determine their role in oversight of any remediation work. The spill was closed, due to this not being a spill event or involving petroleum. – end

6/6/05 – Austin – Spoke with Mark Robbins of Hydrotech 631-462-5866). I explained to him what the status was of this particular spill report. He indicated that he would go ahead and remove the paint contaminated material, and take post-ex samples to document proper removal, after chemically characterizing the paint waste. He would keep the data for documentation purposes. – end

8/12/05 – Austin – Recnt info came to light that this was a former CBS facility. It received another spill report # (#0505877),

and will be assigned to staff for review.

Map Identification Number 78 **BRONX QUEENS EXPRESSWAY** **Spill Number: 9902395** **Close Date: 06/02/1999**
 **EXIT 33 MCGUINNESS BLVD** **BROOKLYN, NY** **TT-Id: 520A-0051-764**

MAP LOCATION INFORMATION

Site location mapped by: **MANUAL MAPPING (3)**
 Approximate distance from property: **872 feet to the ENE**

ADDRESS CHANGE INFORMATION

Revised street: **EXIT 33 MCGUINNESS BLVD**
 Revised zip code: **11222**

Source of Spill: **COMMERCIAL VEHICLE** Spiller: **DIANE BAER – CANNON EXPRESS** Spiller Phone: **(800) 864-8400**
 Notifier Type: **Responsible Party** Notifier Name: **CANNON EXPRESS** Notifier Phone:
 Caller Name: **KATHY RICHARDS** Caller Agency: **CANNON EXPRESS** Caller Phone: **(978) 897-6461**
 DEC Investigator: **SMMARTIN** Contact for more spill info: **DIANA BAER** Contact Person Phone: **(800) 846-8400**

Category: **Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.**

Class: **Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency**

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/02/1999		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRUCK RAN OVER OBJECT THAT RUPTURED SADDLE TANK-FIRE DEPT ON SCENE AND CONTAINED SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT" REFERRED TO NYCDF.

Map Identification Number 79 **BROOKLYN/QUEENS EXPWY**
 **AND MCGINNIS BLVD**

BROOKLYN, NY

Spill Number: 9608808

Close Date: 02/24/2003
 TT-Id: 520A-0051-760

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 872 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: BROOKLYN-QUEENS EXWY / MC GUINNESS BLVD S
 Revised zip code: 11222

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Local Agency
 Caller Name: MS BAILEY
 DEC Investigator: CAENGELH

Spiller: UNKNOWN
 Notifier Name: FIRE HAZMAT
 Caller Agency: DEP
 Contact for more spill info: MR REAGAN

Spiller Phone:
 Notifier Phone: (917) 769-0483
 Caller Phone: (718) 595-6700
 Contact Person Phone: (917) 769-0483

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/16/1996		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

saddle tank fell from unknown vehicle and was abandoned at site
 fuel has run into sewer - caller did not know what action is being
 taken at this time

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 2/24/2003 - Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 80



IN ROADWAY

BROOKLYN QUEENS EXPRESSWAY @ MCGUINNESS BLVD
 BROOKLYN, NY
 BQE @ MCGUINNESS BLVD

Spill Number: 0308472

Close Date: 11/13/2003

TT-Id: 520A-0051-762

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 872 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: I 278 / MCGUINNESS BLVD
 Revised zip code: UNKNOWN

Source of Spill: UNKNOWN	Spiller: UNKNOWN – UNKNOWN	Spiller Phone:
Notifier Type: Fire Department	Notifier Name: F.F. KREGLER	Notifier Phone: (917) 769-0483
Caller Name: F.F. KREGLER	Caller Agency: FDNY	Caller Phone: (917) 769-0483
DEC Investigator: CESAWYER	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/11/2003		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

unk cause – unk source – on roadway and also did get into sewer

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 Spill was reported to DEP because of sewer contact.

Sawyer drove past the site on his way to another spill.

Closed

Map Identification Number 81 **MANHOLE 55946B** **Spill Number: 9901924** **Close Date: 01/29/2004**
 HUMBOLT ST MCGUINESS ST BROOKLYN, NY TT-Id: 520A-0043-054

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 883 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: HUMBOLDT ST / MC GUINNESS BLVD S
 Revised zip code: 11222

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: FRANK MASSERIA – MANHOLE 55946B Spiller Phone: (212) 580-6763
 Notifier Type: Responsible Party Notifier Name: MS MCQUEEN Notifier Phone: (718) 204-4478
 Caller Name: FRANK MASSERIA Caller Agency: CON EDISON Caller Phone: (212) 580-6763
 DEC Investigator: CAENGELH Contact for more spill info: FRANK MASSERIA Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/19/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spill in manhole approx 2 gal spilled contained to hole

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT" e2mis no. 124978:

approx 2000 gallons of water and approx 2 gallons of oil. All contained in manhole. Chem Lab was notified and will come take samples.

X Removed/recovered liquid.

X Removed visible traces of oil.

Cleanup completed on Date: 5/24/99 at 14:00

Map Identification Number 82  **RESIDENCE** **Spill Number: 0811948** **Close Date: 02/18/2009**
 684 LORIMER ST BROOKLYN, NY TT-Id: 520A-0226-081

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 929 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: hrpatel Contact for more spill info: ANTHONY MARIANO Contact Person Phone: (516) 379-1500

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/02/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

CALLER STATES THAT A WATER MAIN BROKE RESULTING IN HIS BASEMENT BEING FLOODED. THERE IS A SHEEN ON THE WATER, THE SUMP WAS IMPACTED.

DEC Investigator Remarks:

2 - 275 gal tanks near the front of the building basement (probably NOT the source of the problem)
 Another building behind this one is vacant and had a water main break. Water flooded across the property line into this building. The basement was pumped out. Then they dug a hole in the floor near the rear of the basement to install a sump pump. The next day a mix of water with an oil sheen came up through the floor.
 Anthony Mariano from Milro will schedule a site visit with Ryan Piper in the next couple of days.

02/12/09-Hiralkumar Patel. spoke with Anthony at Milro. he mentioned that due to water main brake, basement at the subject site was flooded with water and had sheen on it. FDNY Hazmat and DEP responded to the site. after initial cleanup, sump pumps set up in couple of rooms in basement. later on sheen was observed on water in sump in bedroom which is adjacent to boiler room.

Anthony also mentioned that there is a vacant building behind subject site which was gas station in past and owner suspect that oil coming from this vacant building.

C.F.A., Inc. **building owner**
2977 Mandalay Beach
Wantagh, New York 11793
Attn.: Carmine Infante **President**
PH. (516) 779-2534 (C)
email: italy31@aol.com

spoke with Mr. Infante. he bought building in 2003 and site has two 275 gal #2 oil ASTs in basement. tanks are located towards front end of building and oily water coming through foundation in back of the basement. Mr. Infante mentioned that there is an abandoned gas station (64 Frost Street, Brooklyn) behind his building and suspect leak at the gas station.

visited site at 11 AM. met Carmine. found odors and sheen on water inside sump located in bedroom. no odors noticed in other part of basement. basement apartment is not continuously occupied as Carmine lives in this basement apartment for couple of days in month. boiler room located behind bedroom. one sump located in boiler room. two other sumps located in room behind bathroom, on north side of boiler room. supply line for tank system at the site, runs aboveground and didn't found any spill in visible areas. no spill noticed under tank location. Carmine removed concrete and some soils from boiler room as was impacted with contaminated water. removed soil stockpiled in backyard of the building, which is behind abandoned gas station site.

asked Carmine to backfill sumps to avoid any odors inside building. Carmine choose to backfill sumps in bedroom and in boiler room. will keep sumps in adjacent room to the boiler room. also asked Carmine to test his tank system to confirm tightness of the system.

there is another commercial property (297 Meeker ave/56 Frost Street) between the subject site and the gas station site.

inspected gas station site also. found excavated area in front of on-site stores. this excavated area could be location of previous gasoline/diesel tanks. also found signs of borings on concrete surface in front of stores. gas station located at 64-66 Frost Street at the intersection of Frost street and Meeker Ave.

owner of abandoned gas station site:

Paul Joffe
Paul's LLC
318 Grand Street
Brooklyn, NY 11211
Ph. (718) 486-6916

according to building department permit record, Mr. Joffe applied for permit to convert service station into dinning location.

found two spill cases reported at the gas station site.

1. 9601530: tank test failure reported on 04/30/1996. case still open.
2. 9806871: spill called in by citizen on 09/04/1998 about abandoned tanks; tipped over. spill closed on 02/26/2003.

received call from Mr. Carter from Mr. Joffe's office. informed him about situation and asked him to provide all documents regarding spill case at the gas station site.

Nathan Carter
Ph. (718) 486-6804

02/18/09-Hiralkumar Patel. received fax from Carmine with letter from Century Utility Systems, Inc, who tested two 275 gal AST systems and found tanks tight. spoke with Carmine. he mentioned that he will keep sump in bedroom but will cover it and seal it from top. asked Carmine to seal sump property to avoid any odors inside building.

based on result of tank test and suspecting upgradient spill at abandoned gas station, case closed. refer to spill #: 9601530.

03/13/09-Hiralkumar Patel. spoke with Carmine. told him that groundwater under gas station is not flowing towards his property so whatever sheen was observed on water in sump, could be coming from somewhere else. he mentioned that no more sheen observed in sump. suggest him to close sump to prevent flooding in basement with contaminated water.

Map Identification Number 83	FORMER GAS		Spill Number: 0710898	Close Date: 01/15/2008
	550 HUMBOLT ST	BROOKLYN, NY		TT-Id: 520A-0212-613
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: MANUAL MAPPING (3)		Revised street: 550 HUMBOLDT ST		
Approximate distance from property: 996 feet to the NE		Revised zip code: 11222		
Source of Spill: COMMERCIAL/INDUSTRIAL		Spiller: CHRISTINE CAMARDELLA - FORMER GAS	Spiller Phone: (631) 218-0612	
Notifier Type: Other		Notifier Name:	Notifier Phone:	
Caller Name:		Caller Agency:	Caller Phone:	
DEC Investigator: bkfalvey		Contact for more spill info: CHRISTINE CAMARDELLA	Contact Person Phone: (631) 218-0612	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/15/2008		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

MONITORING WELLS FOUND CONTAMINATED SOIL: DEC HAS BEEN NOTIFIED:

DEC Investigator Remarks:

1/15/08 Spoke to Christine Camardella of Geologic Services Corp. (631)218-0612. The contaminated soil was found during the drilling of monitor wells. The drilling was part of the remediation project for spill 9007766. According to C. Camardella, D. Harrington, project manager for 9007766, is aware of this spill (0710898). I left message for D. Harrington informing him of the situation. No further action regarding 0710898 based on the information provided up to this point. bf

Map Identification Number 84	MONITORING WELL		Spill Number: 0508671	Close Date: 12/22/2006
	550 HUMBOLDT STREET	BROOKLYN, NY		TT-Id: 520A-0051-766

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 996 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 550 HUMBOLDT ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: CHRISTINE CAMARDELLA	Notifier Phone: (631) 218-0612
Caller Name: CHRISTINE CAMARDELLA	Caller Agency: GEOLOGIC SERVICES CORP	Caller Phone: (631) 218-0612
DEC Investigator: DKHARRIN	Contact for more spill info: CHRISTINE CAMARDELLA	Contact Person Phone: (631) 218-0612

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/19/2005		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

notified dave harrington of this spill, sampling shows contamination.

DEC Investigator Remarks:

12/22/2006: Consolidated under spill no. 90-07766. (Harrington)

Map Identification Number 85 **CONSTRUCTION SITE** **Spill Number: 0401691** **Close Date: 07/11/2005**
 474 LEONARD STREET BROOKLYN, NY TT-Id: 520A-0040-516

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1018 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: ROLPH CARL – MANHATTEN AVE/ Spiller Phone: (718) 383-7489
 Notifier Type: Citizen Notifier Name: ROLPH CARL Notifier Phone: (718) 383-7489
 Caller Name: ROLPH CARL Caller Agency: CITIZEN Caller Phone: (718) 383-7489
 DEC Investigator: JMKRIMGO Contact for more spill info: ROLPH CARL Contact Person Phone: (718) 383-7489

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/14/2004		OTHER	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

LOT & BLOCK IS 2698 & 1: DIGGING AT THIS SITE AND CALLER STATES, THAT DARK, OILY SMELLING, THICK SUBSATNCE IS THERE AND IS CONCERNED, CLOSE TO A PARK:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"
 Citizen gave a contact telephone number that was on a sign at the site: 718-641-1098. Sangesland called this number and spoke to a woman who said she was the managing agent for the site. She was given the DEC Hotline number and told to call in and to provide all of the contact info for the property owner and environmental company who is on line to do the work.

5/19/2004 Sangesland received a call from Bazel Sagos of Riverkeepers (845-424-4149 ext.230) He asked for a status update on the site and wanted to know what work was going to be required by the property developer to clean the site.

5/20/04 – Sawyer – Responded to the site on 5/19 and met Mr. John Sindone who works for the owner. We walked all over the excavation and did not find any indication of contamination. I looked at the phase one and II for the site done by Don Carlo Environmental and checked with PTC who had pumped out water from in the excavation. PTC said they remove 800 gallons of 95% water from the pit on the 5/17, the rest was soil and an oil sheen.

6/09/04 – Sawyer – Received copies of the Phase I & II as well as the tank closure report for the above property. There is no indication of finally removing elevated levels of semi volatiles that came back high with from pseudo endpoint samples. I called up Danny from Don Carlo and I am having him get me 1) Clean end point Samples, 2) Information on disposal of dirt from site, and 3) Groundwater samples to make sure of water quality there.

7/11/05. J.Krimgold reviewed the Subsurface Remediation Report submitted by Don Carlo Environmental Services, Inc on June 2, 2005. According to the report remediation of this site has been completed. Post excavation end–point samples bellow TAGM levels. NFA letter.

Map Identification Number 86 **EXCAVATION** **Spill Number: 0508101** **Close Date: 10/06/2005**
 140 JACKSON STREET BROOKLYN, NY TT-Id: 520A-0040-740

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1025 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	Spiller Phone:
Notifier Type: Fire Department	Notifier Name: BROOKLYN FIRE DEPT #216	Notifier Phone: (718) 636-1702
Caller Name: BROOKLYN FIRE DEPT #216	Caller Agency:	Caller Phone: (718) 636-1702
DEC Investigator: SMSANGES	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/06/2005		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

AT THIS LOCATION THEY ARE REMOVING CONTAMINATED SOIL AND PUTTING IN DUMP TRUCKS AND TAKING AWAY: CALLER WANTS TO KNOW IF IT IS

LEGAL AND IF THEY NEED OR HAVE PERMITS:

DEC Investigator Remarks:

ongoing case managed by Jie Zhao

Problem is in a vacant lot ACROSS THE STREET from 140 Jackson Street.

Map Identification Number 87 	GREEN POINT CAR WASH, INC. (AKA AUTOCLEAN CARWASH, INC.) 103 ENGERT AVENUE	BROOKLYN, NY	Spill Number: 0705867	Close Date: 09/13/2007 TT-Id: 520A-0050-869
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MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1028 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 103 ENGERT AVE
Revised zip code: 11222

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: HELEN ESPINOSA – GREEN POINT CAR WASH, INC. (A	Spiller Phone: (917) 577-6080
Notifier Type: Local Agency	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: rvketani	Contact for more spill info: HELEN ESPINOSA	Contact Person Phone: (917) 577-6080

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/23/2007		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

MATERIAL SEEMS TO BE LEAKING FROM CAR WASH;

DEC Investigator Remarks:

8/23/07 – Raphael Ketani. I called up Sean Donohue of the NYC DEP (718) 595-5000. I asked him about the circumstances regarding the spill. He said that Helen Espinosa (917) 577-6080 had called him saying that there was spilled diesel fuel in her backyard. She told him that it spilled onto the property of the neighboring car wash. However, he didn't have any information regarding how much had spilled.

I visited the site shortly after talking to Mr. Donohue. A person at the car wash (which fronts on McGinnis Boulevard and exits on Engert Avenue) showed me the spilled oil on the car wash property. I saw an elongated stain of about 2 feet wide by 6 feet long. I could smell oil. She showed me where the oil had come from. This was the backyard of 105 Engert Avenue where a used car dealership stored its cars. I could see several drums through the chain link fence.

The car dealership was CDM Auto Sales, Inc., 109 Engert Avenue, Brooklyn, NY, (718) 683-7277. I called up the owner of the dealership, Charles DeMarino. He said that the drums aren't on his property. He said they are soap and other material for the car wash. I told him they were in his backyard. He said that he rented the backyard, but not all the way back. He said that the yard with the cars that are all the way back and the drums are part of the property owned by the same person who owns the apartment building and the property the car wash in on.

I knocked on the door of the apartment on the first floor which has access to the backyard. The woman let me through her kitchen and to the backyard. I saw that the drums contained car wash liquids. There was a strong odor of diesel fuel and there was a half full white drum containing some kind of liquid. The ground area around the drums was wet and odorous. I took a number of pictures of the backyard, the staining and the drums.

I looked up the owner of the property for the apartment building and the car wash. This is block and lot 2701 and 53. According to NYC Property Tax, 105 and 107 Engert Avenue are owned by the same party, Green Point Real Estate Corp., 86 Monitor Street, Brooklyn, 11222-4751. The car wash is Autoclean Carwash, Inc., and is at 103 Engert Avenue, (718)782-5592. However, this address is only a street address/mailling address. It does not appear in the property databases. So it's probably really part of 105 Engert. I called up the phone number and Young Yu answered (aka Boung Young). He said that he is the owner of the Green Poin Car Wash at 103 Engert Avenue. I told him that 3 drums of material are sitting in the backyard and that they are the property of the car wash as they have the names of car wash liquids on them. He said they are not his and he disavowed any ownership of them strongly.

8/24/07 – Raphael Ketani. I sent a CSL to both Green Point Real Estate and the Green Point Car Wash.

8/27/07 – Raphael Ketani. Emory, a worker at the car wash, called to say that the staining on the car wash property has been cleaned up. She said that the drums are owned by a Polish gentleman who speaks very little english. She said she explained to this person that the drums have to be removed by a licensed hauler. He told her he will get them cleaned up. I told her I needed receipts that the oil has been cleaned up.

Walter, the owner of the drums, called me up to say that the remediation company is coming at 12 noon to pick up the drums and clean the area. I told him to send me a copy of the receipt for the work that is done. He said he will mail me a copy.

8/29/07 – Raphael Ketani. Walter called today to say that the drums were picked up yesterday and the area was cleaned up. He said that DEC should be getting the paperwork very soon.

9/17/07 – Raphael Ketani. On 9/13/07 I received a cover letter with manifest from Feliks & Son Storage Tank Co. for the cleanup of the oil spill. The cover letter stated that 7 gals. of oil had spilled and that four drums of spent absorbent were disposed of.

Based upon the cover letter and manifest from Feliks and the small size and very small areal extent of the spill, I am closing the spill case.

10/15/07 – Raphael Ketani. Today I received a letter from Helen Spinosa stating that the owner of the drums is the tenant in apartment 4R(C?), Walter Markowski. She also stated that he was the owner of the drums and he proceeded to have them removed.

Map Identification Number 88 **CONSTRUCTION SITE** **Spill Number: 0602810** **Close Date: 06/13/2006**
 351 MANHATTAN AVE BROOKLYN, NY TT-Id: 520A-0048-941

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1041 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: ARDIAN PISTOLI Spiller Phone: (516) 505-2700
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: rvketani Contact for more spill info: ARDIAN PISTOLI Contact Person Phone: (516) 505-2700

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/13/2006		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND CONTAMINATED SOIL AT THIS LOCATION WHILE DIGGING:

DEC Investigator Remarks:

6/13/06 – Raphael Ketani. Spill called in by consultant, Yesh Saha of Hydro Tech (718) 636-0800. Owner is Corcom Construction, 327 Hempstead Avenue, West Hempstead, NY 11552. Two 275 gal. tanks were discovered on site. The tanks were removed. Five soil samples were taken in the area where the tanks were. Results came back with only a few hits for all 5 samples. Based upon the 15 FAXed pages of analytical results (the last 3 pages were just chain of custody), I am closing the case.

Map Identification Number 89  **MANHOLE #53380**
MEEKER AVE/WITHERS ST

BROOKLYN, NY

Spill Number: 9909065

Close Date: 02/22/2002
TT-Id: 520A-0050-234

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1085 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: STEPHEN CRIBBIN
DEC Investigator: CAENGELH

Spiller: UNKNOWN - UNKNOWN
Notifier Name: STEPHEN CRIBBIN
Caller Agency: CON EDISON
Contact for more spill info: STEPHEN CRIBBIN

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/26/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

20 GALS OF WATER IN MANHOLE-SAMPLE TAKEN-CLEANUP PENDING RESULTS

CON ED #128653

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 90  **RESIDENCE**
381 GRAHAM AVE APT 2

BROOKLYN, NY

Spill Number: 0811473

Close Date: 01/20/2009
TT-Id: 520A-0223-941

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1190 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 381 GRAHAM AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name:
DEC Investigator: vszhune

Spiller: UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: SARAH SMALL

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 609-5565

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/19/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MERCURY	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Complainant noticed 20 small pieces of Mercury in her toilet bowl. When flush it comes back. Needs advice

DEC Investigator Remarks:

01/19/08- Zhune called Sarah Small (718)609-556. She said I noticed mercury in the toilet that she does not know where it come from. I told her what she have to do if spill less than two tablespoons which was her case. I also told her if spill is greater than one pond (Two tablespoons) you need to call (800) 424-8802 the National Response Center (NRC). it works 24 hours a day. 7 days a week.
Spill Closed.

Map Identification Number 91  **AMOCO STATION -MTBE**
243 MEEKER AVENUE

BROOKLYN, NY

Spill Number: 9414922

Close Date: 02/11/2009
TT-Id: 520A-0049-809

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1311 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION	Spiller: SPARTAN PETROLEUM	Spiller Phone: (516) 365-8700
Notifier Type: Local Agency	Notifier Name:	Notifier Phone:
Caller Name: DAWN MEDAGLIA	Caller Agency: TYREE ENVIRONMENTAL TECH.	Caller Phone: (516) 249-3150
DEC Investigator: JAKOLLEE	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/13/1995		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

GEO PROBE SURVEY ON SITE, FOUND CONTAMINATION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"
3/14/03 REASSIGNED FROM TIBBE TO VOUGHT.

12/1/03 Transferred from Vought to Foley.

10/16/06 reassigned from Foley to Tang. (Sun)

11/06/08: This spill case transferred from K. Tang to J. Kolleeny. Recommended to Vadim Brevdo that this spill be added to MTBE Pilot Project, Vadim agreed. – J. Kolleeny

02/05/09: Contacted Jay Semelmacher (emergency contact on PBS form, #2-247405). He didn't have any information regarding the site and suggested sending a letter to Spartan Petroleum.

Spartan Petroleum Corp.
333 New Hyde Park Road
Suite 201
New Hyde Park, NY 11042 (JK/KG)

02/09/09: Letter sent to Spartan requiring:
"1. Tank closure assessment report,

2. Explanation of the cause of the release,
3. Subsurface investigation report, including a site location map and a site plan showing the former and current locations of underground storage tanks and soil and groundwater sampling locations. A North arrow and scale bar must be included on the site plan.

If no tank closure report was prepared or no subsurface investigation previously conducted, the Department requires that a work plan for a site assessment including a soil and groundwater investigation be prepared and submitted. The work plan should include a site location map and a site plan showing proposed soil and groundwater sampling locations, as well as current and former tank locations. A North arrow and scale bar must be included on the site plan." Report due 03/19/2009. (JK/KG)

02/12/09: Rec'd letter dated 02/10/2009 from Kevin Kleaka of Impact Environmental stating that this spill has already been closed. Included was the UST Closure Report prepared by Impact dated 10/6/2004 and the No Further Action Letter dated 10/7/2004. Upon review of the documents, the spill was closed by Kevin Hale (central office) in 2004. At that time, this spill was not closed in the NYSDEC database. The spill is now closed in the database and the UST closure report and NFA letter have been uploaded to eDocs. (JK/KG)

Map Identification Number 92	UNDERGROUND 243 MEEKER AVE	BROOKLYN, NY 11211	Spill Number: 1201151	Close Date: 05/07/2012 TT-Id: 520A-0273-573
MAP LOCATION INFORMATION Site location mapped by: MANUAL MAPPING (3) Approximate distance from property: 1311 feet to the SW		ADDRESS CHANGE INFORMATION Revised street: NO CHANGE Revised zip code: NO CHANGE		
Source of Spill: GASOLINE STATION	Spiller: CHARLIE SOSIK – UNKNOWN	Spiller Phone:		
Notifier Type: Other	Notifier Name:	Notifier Phone:		
Caller Name:	Caller Agency:	Caller Phone:		
DEC Investigator: KGHale	Contact for more spill info: CHARLIE SOSIK	Contact Person Phone: (631) 504-6000 ext. 1		

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Any Type of RP, Including No RP – DEC Field Response – Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/04/2012		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

old gas station – large amount in soil – history spill – clean up pending – underground tanks – were removed a while ago old spill # 94-14922

DEC Investigator Remarks:

5/7/2012 – KGH Spoke to Charlie Sossik of EBC. Site is a vacant gas station (over a decade) and the site of closed spill #9414922. Residual soil contamination encountered outside the footprint of former excavation during Phase Two Investigation for prospective buyer. Photo of site from Google Earth entered into EDOCs. According to EBC groundwater beneath the site was clean providing further evidence that remedial efforts at the site were largely successful. For further information please refer to spill # 9414922. Spill Closed. KGH

Map Identification Number 93 **ABANDONED BUCKET** **Spill Number: 0800508** **Close Date: 08/01/2008**
 9 RICHARDSON ST BROOKLYN, NY TT-Id: 520A-0215-900

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1321 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Citizen	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: smsanges	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/12/2008		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller states someone left a bucket of oil in a parking lot. Unk sizre of the bucket. Bucket is leaking.

DEC Investigator Remarks:

04/14/08–Vought–Off hours responder. DEC Vought and DEC Ahmed to perform site visit.

Map Identification Number 94 **CONSTRUCTION/EXCAVATION SITE** **Spill Number: 0911340** **Close Date: 01/25/2010**
 568 UNION AVENUE BROOKLYN, NY TT-Id: 520A-0248-294

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1378 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: hrpatel Contact for more spill info: CHRIS YESMONT Contact Person Phone: (646) 265-6108

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/18/2010		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	AIR

Caller Remarks:

ANON. 311 CALL TO DEP, REPORTING HEAVY SMELL OF PETROLEUM PRODUCT IN THE AIR AT ABOVE LOCATION. REPORTED LATE DUE TO MISCOMMUNICATION W/IN DEP.

DEC Investigator Remarks:

01/22/10–Hiralkumar Patel. spoke with Chris (at 4:05 PM on 01/21/10) at NYC DEP. Chris mentioned that he went to site, but site was locked. he smelled odors in area.

7:30 AM:– visited site. met Afifa Mahmood, construction supervisor/property manager. Afifa mentioned that odors coming from a storm drain catch basin located at the intersection of Union Ave and Richardson Street. walked through construction site. currently piles being installed for new 7 story residential building with no basement. as per Afifa, elevator pit will go down to 5 ft bg and there will be a vapor barrier installed. found water in couple of holes in site, but no sheen or petroleum odors from excavation holes. Afifa mentioned that they are dewatering excavation holes into a concrete well which is located on-site and once they install piles, they put water back into hole. no dewatering into city sewer system. Afifa asked to contact their

architect Robert Jakel about any environmental investigation work prior to construction.

inspected catch basin at the intersection of Union ave and Richardson street. found mixed odors in area.

current project includes three lots (Block: 2731; Lot #: 1, 45 and 47) and owner bought these properties in 2008 and at that time all lots were empty lot (no buildings on-site).

Block/Lot – 2731/1:– addresses: 568–580 Union Ave, 2–16 Richardson St, 1–9 Frost St

Block/Lot – 2731/45:– address: 13–15 Frost Street

Block/Lot – 2731/47:– address: 11 Frost Street

568 Union Ave LLC. **property owner**
c/o Heatherwood Communities LLC. **managment company**
1737 Veterans Memorial Highway
Islandia, NY 11749
Attn.: Afifa Mahmood **property manager**
Ph. (718) 963–0635
Fax (718) 963–0435
email: afifa@heatherwoodapartments.com
568union@heatherwoodapartments.com

Robert Jakel **architect**
Ph. (212) 219–9733 Ext. 15

9:02 AM:– left message for Mr. Jakel.

found PBS record at 568 Union ave property. no spills history at 568 Union Ave. no PBS or spill records found at 11 Frost Street or 13–15 Frost street.

PBS #:– 2–610135. as per PBS record, 568 Union Ave site had one 4,000 gal #6 oil UST which was removed on 01/29/06.

9:57 AM:– spoke with Mr. Jakel. he mentioned that Phase I was done during property transaction and there were no recognized conditions that may require Phase II, so Phase II was never conducted.

10:00 AM:– spoke with Holly at Heatherwood. she has Phase I report and will send copy next week.

Holly O'Brien
Heatherwood Communities, LLC.
PH. (631) 234–1600 Ext. 243

from NYCDOB website found that all three lots has "E" restriction for Hazmat.

10:08 AM:– spoke with Afifa. she mentioned that Phase II was done by previous owner before property transaction. asked Afifa to send copy of Phase I and Phase II for review.

10:46 AM:- received email from Ms. O'Brien with copy of Phase II report. Phase II report was prepared by Don Carlo in April 2007. abstract:

- did GPR survey and found no underground anomalies
- eleven soil borings (B-1 through B-11) were installed to depth of 12 ft bg where groundwater found
- soil was screened every four feet and found no PID readings
- collected two soil samples from each borings: one at 0-4 ft and second at 8-12 ft depth (groundwater interface)
- collected total of three groundwater samples from borings B-1, B-4 and B-8 where temporary well points installed to depth of 14 ft bg
- fill material encountered throughout site from 0-4 ft
- found heavy SVOCs and metals in soil samples and groundwater sample
- no VOC contamination found in any samples except Naphthalene (max: 1,000 ppb in B-6 at 8-12 ft depth)

Ms. O'Brien will send copy of Phase I, RAP and CHASP.

01/25/10-Hiralkumar Patel.

3:39 PM:- received Phase I and RAP from Afifa.

Based on submitted documents, case closed.

Map Identification Number 95	MANHOLE 4379		Spill Number: 9911825	Close Date: 03/04/2002
	DRIGGS AVE&MANHATTAN AVE	BROOKLYN, NY		TT-Id: 520A-0039-764
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: ADDRESS MATCHING		Revised street: DRIGGS AVE/MANHATTAN AVE		
Approximate distance from property: 1394 feet to the NW		Revised zip code: NO CHANGE		
Source of Spill: UNKNOWN		Spiller: UNKNOWN		Spiller Phone:
Notifier Type: Affected Persons		Notifier Name:		Notifier Phone:
Caller Name: MARK SCHLAGEL		Caller Agency: CON EDISON		Caller Phone: (212) 580-6763
DEC Investigator: COMENALE	Contact for more spill info:	CALLER		Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/11/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reported undaiperable sheen on 600 gallons water. con ed #129558.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 96



****DRILL** TM 755 **DRILL****
****DRILL** DRIGGS AVE/MANHATTAN AV**

BROOKLYN, NY

Spill Number: 0002248

Close Date: 03/20/2008
 TT-Id: 520A-0038-670

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1394 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: DRIGGS AVE/MANHATTAN AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR ZAMBRIO	Notifier Phone: (212) 580-6763
Caller Name: MARK SCHLEGEL	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/23/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

found sheen on 200 gals water -- sample taken – clean up pending results -- con ed 131538 .

DEC Investigator Remarks:

03/20/08 – See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 97 **MANHOLE #TM 633** **Spill Number: 0106443** **Close Date: 06/13/2003**
 **NEWELL ST & DRIGGS AV** **BROOKLYN, NY** **TT-Id: 520A-0044-663**

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1429 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NEWEL ST / DRIGGS AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNK	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: MR DELLACROSE	Notifier Phone: (212) 580-6763
Caller Name: CHARLIE MCCARTHY	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: KMFOLEY	Contact for more spill info: CHARLIE MCCARTHY	Contact Person Phone: (212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/19/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 PT UNK OIL IN A MANHOLE – SAMPLE TAKEN – CLEAN UP PENDING RESULTS

NO WATER IN MANHOLE

CON ED #139502

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis Notes:

9/19/01 Approx 1 pint unknown oil on dirt on floor of TM 633. Historical indicates 12ppm. Sample taken and returned <1ppm PCB. Cleanup pending pressure test of transformer. (KMF 9/26/01)

UPDATE @ 1933 HRS 9/19 CIG MACCARTHY NOTIFIED. #12255 VDC.

LAB RESULT RECEIVED 9/20/01 - 0629. 01-09297. 1 PPM. TJ - 50495

CLEANUP PENDING PRESSURE TEST OF TRANSFORMER. TJ - 50495

UPDATE @ 1225 HRS 9/27 NETWORKS SPLICER GUADARRAMA REPORTS HE PRESSURE TESTED TRANSFORMER, FOUND 'A' PHASE NOT HOLDING PRESSURE BUT REPORTS NO TRANSFORMER OIL VISIBLE IN STRUCTURE. OIL LEVEL IS 50. WILL REPORT RESULTS TO HIS OFFICE. #12255 VDC.

UPDATE 9-27-01 1800 HRS QUIIJE MECH "A" FLUSH DEPT REPORT CLEANUP COMPLETED. HE DOUBLE WASH STRUCTURE WITH BIO-JEN 760 AND BULL DOG. HE REMOVED ALL LIQUIDS WITH VACTOR. HE FOUND NO SUMP. THERE WAS A DRAIN HE FOUND NO SIGNS OF OIL IN THE DRAIN. HE CEMENTED DRAIN. E.S.TAG # 35830 WAS REMOVED. INCIDENT IS CLOSED.

UPDATE 10-02-01 2000 HRS.... REPORT RECEIVED FROM O.S. D. HEARNS, THE A PHASE WAS ONLY LEAKING AIR. THE INCIDENT IS OFFICIALLY CLOSED.

Environmental Detailed Incident Report

UPDATE 1/30/03 RECORDS SHOW UNIT WAS REPLACED 10/26/01 EV

Map Identification Number 98



**CORNOR OF CONSELYEA
MANHATTEN AVE**

BROOKLYN, NY

Spill Number: 9704676

Close Date: 07/18/1997
TT-Id: 520A-0042-892

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1450 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: MANHATTAN AV / CONSELYEA ST
Revised zip code: 11211

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Citizen
Caller Name: JENIFER ALLEN
DEC Investigator: LUCE

Spiller: UNK
Notifier Name: NONE
Caller Agency: CITIZEN
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 387-2037
Contact Person Phone:

Category: Investigation indicates there was no spill.
 Class: Any Type of RP Including No RP – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TAR	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

TARING OPERATION 24HRS A DAY – FUMES ARE AFFECTING HEALTH OF CALL

WHO LIVES ACROSS STREET – WIND DIRECTION TODAY IS MAKING IT WORSE

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 99	MANHOLE #4900	Spill Number: 9910471	Close Date: 03/27/2002
	NORTH 11TH ST/UNION AVE	BROOKLYN, NY	TT-Id: 520A-0039-743

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1477 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN – UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: STEPHEN CRIBBINS	Notifier Phone: (212) 580-6763
Caller Name: STEPHEN CRIBBINS	Caller Agency: CON EDISON	Caller Phone: (212) 580-8576
DEC Investigator: COMENALE	Contact for more spill info: STEPHEN CRIBBINS	Contact Person Phone: (212) 580-8576

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/02/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SPILL IS CONTAINED-CLEANUP PENDING SAMPLE RESULTS-CON ED #129165

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 100 **GAS STATION** **Spill Number: 0601565** **Close Date: 05/12/2006**
 116 CONSELYEA STREET BROOKLYN, NY TT-Id: 520A-0049-792

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1506 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE Spiller: PETER MESSINA - GAS STATION Spiller Phone: (718) 388-1620
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SMSANGES Contact for more spill info: PETER MESSINA Contact Person Phone: (718) 388-1620

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/11/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

VACANT GAS STATION AND IT MAY BE LEAKING UNDER GROUND

DEC Investigator Remarks:

This is not a real spill.
 The caller was asking a question, IF there was an open spill at this site.
 He says it WAS a gas station over 20–30 years ago and now they're planning a new building on the site.
 Sangesland looked up the site and found no spills and no PBS history.
 IF tanks or contamination is found during the excavation for the new building, a spill case will then be opened.

Map Identification Number 101	BOGUMIL HOME		Spill Number: 0612279	Close Date: 02/08/2007
	101 ECKFORD STREET	BROOKLYN, NY		TT-Id: 520A-0049-609
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (2)		Revised street: NO CHANGE		
Approximate distance from property: 1555 feet to the NNW		Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING		Spiller: JIM CAREY – METRO FUEL OIL CORP	Spiller Phone: (718) 383-1400	
Notifier Type: Other		Notifier Name:	Notifier Phone:	
Caller Name:		Caller Agency:	Caller Phone:	
DEC Investigator: SMSANGES	Contact for more spill info: BOGUMIL HOME		Contact Person Phone: (718) 389-0379	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/08/2007		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	5.00	GALLONS	SOIL

Caller Remarks:

STORAGE TANK OVERFILL DUE TO WRONG DELIEVRY AND IS ALL CLEANED UP

DEC Investigator Remarks:

100 eckert street.
 During a regular delivery to 100 eckert, the owner of 101 eckert asked the driver for a delivery to his house. That homeowner actually used "Consumers oil" and screwed up the various oil company names. Homeowner said he had a 550 gal tank (it was really a 275gal) At 240gal the tank overflowed.
 3gal came out on cement driveway, 2 gal on solid sealed cement floor in basement. All cleaned within 1 hour.

Map Identification Number 102

GAS STATION
2 ROEBLING ST

BROOKLYN, NY

Spill Number: 0000373

Close Date: 02/27/2003
TT-Id: 520A-0039-808

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1566 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Affected Persons
Caller Name: GERARD RUTIGLINO
DEC Investigator: TOMASELLO

Spiller: CALLER - ANTHONY FURNACOLA
Notifier Name:
Caller Agency: SHARP ENVIO
Contact for more spill info: CALLER

Spiller Phone: (516) 457-3365
Notifier Phone:
Caller Phone: (631) 451-7300
Contact Person Phone: (516) 457-3365

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/10/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT HE IS DOING EXCAVATION AND HAS DISCOVERED CONTAMINATED SOIL. CALLER REQ CALL BACK ON CELL PHONE. NUMBER LISTED ABOVE

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

NAC CORP DID TANK REMOVAL DID NOT NOTIFY THE dec. gAS TANKS GERALD OF sHARP TRANSP AND DISPOSAL is the project coordinator. 631-451-7300. GOR ENDPOINTS THAT ARE CLEAN. OVERNIGHTED ME REPORTS. SIX 550S. i SAID DO 2 gw SAMPLes, one on each side of the tank field. WILL have it done tomarrow, with an AUGER. IONG ISLAND aNALYTICAL will take the samples. tomasello 5/9/2000.

sAMPLES TAKEN AND REVIEWED. cASE CLOSED 6/13/2000 SEE dec ARCHIVE FILE

Map Identification Number 103  **SCHOOL**
320 MANHATTAN AVE.

BROOKLYN, NY

Spill Number: 0713068

Close Date: 03/12/2008
TT-Id: 520A-0215-877

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1570 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Local Agency
Caller Name:
DEC Investigator: jbvought

Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info: MUNANDRA – NYC BOARD OF E

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (314) 219-7840

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/11/2008		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Cleanup in progress.

DEC Investigator Remarks:

Jeff Vought visited the site

03/12/08–Vought–Daytime runner and site visit by Vought. Onsite were Petroleum Tank Cleaners(718–624–4842) and also Mr. Munendre Sharma(Bd. of Ed 718–349–5752). Spill caused by overfill which caused #2 fuel to run across sidewalk, down curb and into catch basin. PTC onsite with vacuum truck washing sidewalk and will also recover fuel from catch basin. Small five gallon spill also inside tank room from top of tanks and PTC will also place down speedy dry and wash affected area. Tank room floor composed of poured concrete with good epoxy seal. No odor complaints from faculty or students to date as per Sharma. Spill closed by Vought due to no impact to soil and or groundwater and cleanup by PTC.

03/14/08–Vought–Received call form Sharma who confirmed that tank room was cleaned and powerwashed. Catch basin was also cleaned and spill remains closed by Vought.

Map Identification Number 104 **MANHOLE #4837**
 ROEBLING AVE/NORTH 11TH

NEW YORK, NY

Spill Number: 9812337

Close Date: 06/16/2003
 TT-Id: 520A-0049-153

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1596 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: N 11TH ST / ROEBLING ST
 Revised zip code: 11211

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: RICHARD ROACH
 DEC Investigator: JHOCONNE

Spiller: RICHARD ROACH - CON EDISON
 Notifier Name: MR DELECROSS
 Caller Agency: CON EDISON
 Contact for more spill info: RICHARD ROACH

Spiller Phone: (212) 580-6764
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/05/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	250.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

ABOVE TAR-LIKE MATERIAL DISCOVERED AT ABOVE LOCATION. TESTING TO BE DONE ON MATERIAL BEFORE CLEANUP IS DONE. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 DEC responder notes:

1/6/99 D. Perez (ERT)- found while making repair on secondary joints. Solid sample collected - requested oil ID.

e2mis no. 122-247:

IN MH4837 WHILE TRYING TO REPAIR SECONDARY JOINTS FOUND A SOLID TAR-LIKE SUBSTANCE IN MH COVERING WALLS & FLOOR. CONTAINED TO STRUCTURE, NO SEWERS OR WATERWAYS AFFECTED. SOLID SAMPLE TAKEN & STOP TAG #04324 PLACED.NOTE;;; PRIOR TO PREFORMING ANY WORK IN

MH #9 TO BE NOTIFIED DUE TO DEFECTIVE SECONDARY JOINTS IN MH.

UPDATE 1309 HRS 1/6 D.PEREZ ERT CALLED REQUESTING THAT WE MAKE SURE SAMPLE IS ALSO TESTED FOR OIL ID. CALLED ASTORIA CHEM LAB SPOKE TO P.KEERAN HE WILL LOCATE SAMPLE & CALL BACK.

1429 hrs received call back from chem lab [marta] sample found & id will be done. sample is still drying at this time.

LAB RESULT RECEIVED 1/6/99 – 17:45. 99–00137. OIL I.D. INDICATES A SUBSTANCE SIMILAR TO DIELECTRIC FLUID.

LAB RESULT RECEIVED 1/7/99 – 1045. 99–00096. <1.0 PPM.

UPDATE: 2/2/99 – 0500

F. DELLATORRE – 48634 – ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE WITH AND TAG #04324 REMOVED. INCIDENT IS CLOSED.

UPDATE 4/18/03 REVIEW OF STRUCTURE. NO TAR LIKE SUBSTANCE, NO OIL, NO FOREIGN SUBSTANCE. NO DEFECTIVE JOINTS WERE FOUND.

Map Identification Number 105 **CONSTRUCTION SITE** **Spill Number: 0701326** **Close Date: 05/03/2007**
 ROEBLING STR/NORTH 11TH BROOKLYN, NY TT-Id: 520A-0049-155

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1596 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: N 11TH ST / ROEBLING ST
 Revised zip code: 11211

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: KIETH WILLIAMS – CONSTRUCTION SITE Spiller Phone: (718) 595-4755
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: smsanges Contact for more spill info: KIETH WILLIAMS Contact Person Phone: (718) 595-4755

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/01/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

BLACK SUBSTANCE COMING OUT OF THE GROUND AT ABOVE ADDRESS: WOULD LIKE DEC TO RESPOND AS SOON AS YOU CAN...

DEC Investigator Remarks:

This is a duplicate spill report to a longterm spill/cleanup going on at this construction site.

Map Identification Number 106 **CONSTRUCTION SITE** **Spill Number: 0608859** **Close Date: 11/07/2006**
 NORTH 11TH ST & ROEBLING BROOKLYN, NY TT-Id: 520A-0049-154

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1596 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: N 11TH ST / ROEBLING ST
 Revised zip code: 11211

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: COUNCILMAN YASSKY – CONSTRUCTION SITE Spiller Phone: (718) 875-5200 ext. M
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SFRAHMAN Contact for more spill info: COUNCILMAN YASSKY Contact Person Phone: (718) 875-5200 ext. M

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/01/2006		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING EXCAVATION AT THIS LOCATION PETROLEUM CONATMINATION WAS DISCOVERED

DEC Investigator Remarks:

11/07/06 Rahman– Cross referenced to spill #0605974

Map Identification Number 107 **MANHOLE 4925**
 WITHERS ST/UNION AV

BROOKLYN, NY

Spill Number: 9910080

Close Date: 03/29/2002
 TT-Id: 520A-0039-736

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1615 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Responsible Party
 Caller Name: MARK SCHLAGEL
 DEC Investigator: CAENGELH

Spiller: CALLER - CON EDISON
 Notifier Name: HERBST
 Caller Agency: CON EDISON
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (212) 580-6764
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/19/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PINT UNK OIL ON 50GAL OF WATER - CONTAINED - CASE #129045

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 108 **MANHOLE 53375**
 WITHERS ST/ UNION AVE

BROOKLYN, NY

Spill Number: 9909108

Close Date: 12/08/1999
 TT-Id: 520A-0039-723

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1615 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: MR POVERELLI	Notifier Phone:
Caller Name: BILL MURPHY	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: BILL MURPHY	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/27/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 GALS OF OIL ON 150 GALS OF WATER. CONTAINED. CLEAN UP PENDING TEST RESULTS. CON ED 128-668

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed E2MIS notes:

FDR 6B54 found approx. 2 gallons unknown oil on approx. 150 gallons of water in MH 53375. No other oil filled equipment, took a liquid sample.

Lab seq# 99-11330<1.0PPM. Car over hole, follow up in the AM, reports <1.0PPM cleanup completed using bio-gen 760 and tag#11762 removed, incident is closed.

Map Identification Number 109



GAS STATION
 25 SKILLMAN AVE

BROOKLYN, NY

Spill Number: 9608904

Close Date: 10/18/1996
 TT-Id: 520A-0051-730

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1652 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION	Spiller: UNKNOWN – GAS STATION	Spiller Phone:
Notifier Type: Other	Notifier Name: JERRY ESPOSITO	Notifier Phone: (718) 389-0009
Caller Name: JERRY ESPOSITO	Caller Agency: CITIZEN COMMUNITY BOARD 1	Caller Phone: (718) 389-0009
DEC Investigator: JMKRIMGO	Contact for more spill info: UNKNOWN	Contact Person Phone: (000) 000-0000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/17/1996		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

citizens are complaining of gasoline fumes–feel that the under ground tanks at gas station are leaking

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"

Map Identification Number 110 **25 SKILLMAN AVE**
 25 SKILLMAN AVE

Spill Number: 9111612 **Close Date: 02/12/2003**
 BROOKLYN, NY TT-Id: 520A-0051-729

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1652 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: 25 SKILLMAN AVE.
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Fire Department
 Caller Name: LT. ROSEA
 DEC Investigator: SULLIVAN

Spiller: COASTAL OIL OF NY
 Notifier Name:
 Caller Agency: NYC FD
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 965-8229
 Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/10/1992		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	SEWER

Caller Remarks:

NUMEROUS COMPLAINTS OF AREA RESIDENT OF GASOLINE ODOR IN THEIR BUILDING.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 111 **BETWEN NORTH 10 /11TH** **Spill Number: 0612377** **Close Date: 02/15/2007**
 ROEBLING WILLIAMSBURG, NY TT-Id: 520A-0048-060

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1685 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: ROEBLING ST
 Revised zip code: 11211

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: JOE – BETWEN NORTH 10 /11TH	Spiller Phone: (646) 522-3622
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: rmpiper	Contact for more spill info: JOE	Contact Person Phone: (646) 522-3622

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/12/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

OIL COMING UP FROM A BUILDING AT CONSTRUCTION SITE

DEC Investigator Remarks:

spill is a duplicate. See 0609092 and 0605974. This spill closed.

Map Identification Number 112 **30 SKILLMAN AVE**
 30 SKILLMAN AVE

BROOKLYN, NY

Spill Number: 9200714

Close Date: 04/21/1992
 TT-Id: 520A-0049-162

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1692 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Citizen
 Caller Name: AL TUDESCO
 DEC Investigator: TOMASELLO

Spiller:
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 389-7968
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/18/1992	04/21/1992	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	AIR

Caller Remarks:

FUMES/ODOR

 DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 113 **MANUFACTURING FACILITY** **Spill Number: 0514290** **Close Date: 08/04/2006**
 78 KINGSLAND AVE BROOKLYN, NY TT-Id: 520A-0046-484

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: PARCEL MAPPING (2) Revised street: NO CHANGE
 Approximate distance from property: 1724 feet to the E Revised zip code: 11211

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: RACHEAL ATMAN – MANUFACTURING FACILITY Spiller Phone: (631) 462-5866
 Notifier Type: Other Notifier Name: RACHEAL ATMAN Notifier Phone: (631) 462-5866
 Caller Name: RACHEAL ATMAN Caller Agency: HYDRO TECH ENVIR Caller Phone: (631) 462-5866
 DEC Investigator: rvketani Contact for more spill info: RACHEAL ATMAN Contact Person Phone: (631) 462-5866

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/14/2006		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

 Caller Remarks:

FOUND CONTAMINATION IN SOIL WHILE REMOVING

 DEC Investigator Remarks:

4/26/06 Sangesland called HydroTech to ask for status update.
 Kathy DeVoe said that during tank pull (2 tanks) contaminated soil was found.
 Area was backfilled and Hydro Tech prepared a "Remediation Proposal" and submitted it to DEC for review.

05/17/06-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin.

5/30/06 – Raphael Ketani. PBS case #2–110728. 3 tanks – 1 tank 2,000 gal. #2 oil; 2 tanks each 1,080 gal. gasoline. All closed and removed.

6/2/06 – Raphael Ketani. I talked to Kathleen De Voe from Hydro Tech regarding the March 26, 2006 Tank Closure Report. I told her that there was a lot of confusion as regards the number and type of oil tanks on site and to submit a revised PBS application. I also told her that a letter was needed from an engineer that knows the project stating that the digging could not proceed any further due to issues of structural integrity for the building and the loading dock. I sent her a letter regarding these 2 issues. Otherwise, the report was acceptable.

6/8/06 – Raphael Ketani. I spoke to Kathy of Hydro Tech. She said she spoke to the owner of the building and he has no recollection of the two 1,080 gal. tanks. Kathy said they will do a GPR investigation and send me the results. They will also amend/revise the PBS application and send it to me.

6/13/06 – Raphael Ketani. I received the following e–mail today:

Raphael –

I'm sending you this email as Kathy Devoe is on vacation. The client on the above spill is confused as to what information the NYSDEC has that appears to conflict with the tank information for the property. Could you please send over the whatever records you may have so that we can review this and try to get to the bottom of this. If you send it over, then we can try to clear the conflicts for you. Let me know.

Thanks, Mark

I sent Mr. Robbins an e–mail explaining what DEC has in its records regarding the number and capacities of the various tanks.

7/19/06 – Raphael Ketani. Kathy of Hydro Tech called. She said they did the GPR survey and didn't find any additional tanks. She said she is sending a revised PBS application to reflect that the 2000 gal. tank and a 550 gal. tank were the only tanks present and that they were removed. She said she also has a letter from an engineer stating that no further digging could take place due to structural concerns. She will send me all of these documents.

7/20/06 – Raphael Ketani. I received the July 18, 2006 GPR Survey for the site and a letter from the Hydro Tech engineer stating that further digging could not be performed as it would affect the structural integrity of the building. I reviewed the report and had no comments.

7/27/06 – Raphael Ketani. Kathy of Hydro Tech called to say that the corrected PBS form was sent to the owners of the property for their signature. She also said that the responses in the GPR results were only very small responses (i.e. the line on one page) and that any tanks would be represented as many more lines or wider lines.

8/4/06 – Raphael Ketani. I received the revised PBS Application from Kathy of Hydro Tech. It looked properly filled. I forwarded it to Nick Lombardo in the PBS Unit. Based upon receipt of the revised PBS Application, the GPR report, the Tank Closure Report

and the engineer's structural integrity letter, I am closing the spill case. Also, in the last paragraph of the cover letter to the Tank Closure Report, they have requested an NFA letter. I will send one.

Map Identification Number 114 **SERVICE BOX #12699** **Spill Number: 9912570** **Close Date: 02/26/2002**
 107 KINGSLAND AVE BROOKLYN, NY TT-Id: 520A-0044-671

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1730 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: MR BOVARELLI	Notifier Phone:
Caller Name: BRIAN JOYCE	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: COMENALE	Contact for more spill info: BRIAN JOYCE	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/03/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

FOUND ON 45 GALLONS OF WATER - CLEAN UP PENDING LAB RESULTS

CON ED #129842

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 115 **MANHOLE 4930**
 UNION AVE/JACKSON ST

BROOKLYN, NY

Spill Number: 9910564

Close Date: 03/27/2002
 TT-Id: 520A-0039-745

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1737 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: STEVE ROMERO
 DEC Investigator: COMENALE

Spiller: UNKNOWN
 Notifier Name: MR POVERELLI
 Caller Agency: CON EDISON
 Contact for more spill info: STEVE ROMERO

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/05/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1 qt oil on 70 gals of water. clean up pending. con ed 129-194

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 116 **MCGINNESS AVE BETWEEN**
 NASSAU AVE DRIBBS AVE

BROOKLYN, NY

Spill Number: 9706969

Close Date: 09/15/1997
 TT-Id: 520A-0050-235

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1739 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: MC GUINNESS BLVD BTWN NASSAU/DRIGGS
 Revised zip code: 11222

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: CLARINDA
 DEC Investigator: MCTIBBE

Spiller: NYNEX
 Notifier Name: RON SASON
 Caller Agency: MILRO ASSOC
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (718) 204-1267
 Caller Phone: (516) 379-1500
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/11/1997		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIESEL	PETROLEUM	10.00	GALLONS	10.00	GALLONS	SOIL

Caller Remarks:

CALLER DID NOT HAVE ANY INFORMATION ON SPILL OR CAUSED – MILRO
 HIRED TO CLEAN UP SPILL FOR NYNEX

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 CLEANED BY NYNEX.

Map Identification Number 117



APPEARS THAT 20 GAL COOKING OIL
 LEONARD ST & METROPOLITAN AVE
 WAS DUMPED INTO XFMR VAULT.

BROOKLYN, NY

Spill Number: 0706573

Close Date: 11/08/2007
 TT-Id: 520A-0037-468

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1747 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: LEONARD ST / METROPOLITAN AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: CON EDISON Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: gdbreen Contact for more spill info: ERTSDESK Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/12/2007		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unknown oil down a vault; con ed reference # 208003

DEC Investigator Remarks:

11/08/07 – See eDocs for Con Ed report detailing cleanup and closure.

208003. see eDocs

Map Identification Number 118 **WAREHOUSE**
 261 NORTH 9TH STREET

Spill Number: 0602498 **Close Date: 01/10/2007**
 BROOKLYN, NY TT-Id: 520A-0049-808

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1767 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Other
 Caller Name:
 DEC Investigator: SFRAHMAN

Spiller: DENNY SING – WAREHOUSE
 Notifier Name:
 Caller Agency:
 Contact for more spill info: DENNY SING

Spiller Phone: (718) 857-3100
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (718) 857-3100

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/05/2006		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

FOUND CONTAMINATED SOIL AT LOCATION

DEC Investigator Remarks:

Placed call into Denny Sing of Don Carlo Env. requesting callback and info. Need to send CSL.
 Owner as per Property Shark
 Vazquez, Alvaro
 86 Havemeyer St
 Brooklyn NY 11211-3348
 07/17/06 Rahman- As per Lisa from Don Carlo(718.857.3100), the property owner is
 263 N Group LLC
 C/O Mr. Sam Pearl
 80 Clay Street, Brooklyn, NY 11222. Ms. Lisa will get back to DEC with accurate info.
 01/10/07 Rahman- Phase II report prepared by Don Carlo Env. Services Inc. Petroleum related VOC/SVOCs were not found in Phase II soil/ground water samples. Presence of only certain SVOCs(Benzo group) indicate that those are related with historic fill material. Heavy metals were found in ground water samples. In DCES's opinion, those metals came from the historic use of the site as a metal smelting and storage facility. The proposed development for the subject property is a five story residential building. Contaminated soil will be removed during the excavation for new foundation. A water proofing barrier will be incorporated in the foundation slab. The site is a NYC DEP "E" designated site. Spill closed due to absence of petroleum constituents in soil/ground water. Presence of heavy metals will be addressed as part of NYC DEP's requirement.

Map Identification Number 119 **MH 4927**
 HAVERMYER ST/N 9TH ST

Spill Number: 0202473
 BROOKLYN, NY

Close Date: 08/26/2002
 TT-Id: 520A-0044-450

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1785 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: HAVEMEYER ST / N 9TH ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: RICHARD ROACH
 DEC Investigator: KMFOLEY

Spiller: UNKNOWN
 Notifier Name: LOU ZAMBRIO
 Caller Agency: CON EDISON
 Contact for more spill info: RICHARD ROACH

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/07/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 quarts unk oil ref # 143204. this was a 24 hr dinmininus spill originally.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 Con Ed e2mis #142204:

06-JUN-2002 1020HRS. YOUNGBLOOD #15199 U/G REPORTS FOUND 2 QUARTS OF UNKNOWN OIL ON 10 GALLONS WATER IN M-4927. NO FIRE OR SMOKE. NO INJURIES. NO PRIVATE PROPERTY AFFECTED. IT APPEARS TO BE CONTAINED TO STRUCTURE. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. TOOK SAMPLE ON A E PRIORITY . HUNG ENVIROMENTAL STOP TAG # 32084. NO VISUAL WATER MOVEMENT. WATER IS STANDING STILL. NO CRACKS IN THE STRUCTURE WALLS. THIS WILL BE ON THE COMPANY 24 HOUR DIMIMIS PROGRAM. CHAIN OF CUSTODY # ISBB07157. CIG MORRIS NOTIFIED @ 1100HRS.

UPDATE @ 2152 HRS 6/6 LAB RESULTS RECEIVED SEQ#02-05256-001 @ <1PPM PCB.

UPDATE 6-7-02 0800 HRS K. QUEST MECH "A" FLUSH DEPT REPORTS HE LOADED TWO FLUSH TRUCK (NO COMPANY TANKER AVAILABLE) STRUCTURE IS MAKING WATER , WILL BE UNABLE TO COMPLETE THIS STRUCTURE ON TIME. TAKING THIS OFF THE 24HRS DEMINIMIS PROGRAM. NOTIFIED CIG ROACH

AT 0806 HRS

6/7/02= 1840HRS ADEPAO ENVIR OPPS REPORTS CLEANUP COMPLETED. DOUBLED WASHED STRUCTURE USEING BIO-GEN 760. FOUND NO SUMP. REMOVED ENVIR TAG# 32084.

Update 6-11-02- 13:30 hrs. Cleanup completed by double washing structure with bulldog. Liquids were removed by tanker and solids were removed by vactor. No leaking company equipment.

Map Identification Number 120 **387 HUMBOLDT ST/BKLYN** **Spill Number: 9000154** **Close Date: 04/05/1990**
 387 HUMBOLDT STREET NEW YORK CITY, NY TT-Id: 520A-0040-984

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1785 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Federal Government	Notifier Name:	Notifier Phone:
Caller Name: JOHN HIGGINS	Caller Agency: EPA	Caller Phone: (201) 906-6194
DEC Investigator: SIGONA	Contact for more spill info:	Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/1990	04/05/1990	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	AIR

Caller Remarks:

NYCDEP WAS NOTIFIED, NO ACTION TAKEN, DEC (SIGONA)REPORTED TO NYCDEP HAZ MAT WHO WILL INVESTIGATE.

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: STRONG ODOR.

Map Identification Number 121

RESIDENCE

41 NEWELL ST

BROOKLYN, NY

Spill Number: 0101039

Close Date: 04/26/2004

TT-Id: 520A-0044-684

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1788 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 41 NEWEL ST
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Other
 Caller Name: GLEN GOREL
 DEC Investigator: JMKRIMGO

Spiller: ANTHONY LOSQUADRO – VIJAX FUEL CORP
 Notifier Name: ANTHONY LOSQUADRO
 Caller Agency: RESPONSE ENVIORMENTAL
 Contact for more spill info: UNK

Spiller Phone: (718) 497-4491
 Notifier Phone: (718) 497-4491
 Caller Phone: (508) 795-0110 ext. 2
 Contact Person Phone: (000) 000-0000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/26/2001		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL COMPANY DELIVERED FUEL TO THE WRONG RESIDENCE--SPILL CREW IS ENROUTE FOR CLEANUP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KRIMGOLD"
 01/26/04

Transferred from Rommel to Austin

02/17/04: Reassigned from AUSTIN to KRIMGOLD.

4/26/04. J.Krimgold reviewed a letter report submitted by Response Envir. Inc. dated June 1, 2001. According to the information presented in the report the oil release at this site has been successfully cleaned up. Post excavation sampling show that contaminants level in soil marginally exceeds TAGM levels for a few compounds. NFA. YK.

Map Identification Number 122 **CONSTRUCTION SITE**
 ROEBLING STREET

BROOKLYN, NY

Spill Number: 0613238

Close Date: 03/09/2007
 TT-Id: 520A-0270-863

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1810 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: 11211

Source of Spill: UNKNOWN
 Notifier Type: Police Department
 Caller Name:
 DEC Investigator: sfrahman

Spiller: LAURIE FOUGERE - UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: LAURIE FOUGERE

Spiller Phone: (917) 682-2373 ext. C
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (917) 682-2373 ext. C

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/09/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALL WAS REPORTED TO NYC DEP. SPILLER INFO, CAUSE AND SOURCE ARE UNKNOW AT THIS TIME:

DEC Investigator Remarks:

Cross reference to Spill#0605974

Map Identification Number 123 **EXCAVATION**
 214 NORTH 11TH STREET
 CORNER DRIGGS ST

BROOKLYN, NY

Spill Number: 0612680

Close Date: 02/22/2007
 TT-Id: 520A-0048-949

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1810 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: BOB – EXCAVATION Spiller Phone: (909) 226–0990
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: sfrahman Contact for more spill info: BOB Contact Person Phone: (909) 226–0990

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/22/2007		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT A DEC REP NEEDS TO GO TO ABOVE ADDRESS AND CHECK SITE OUT, THEY ARE EXCAVATING AND ALL KINDS OF BLACK STINKY SOIL IS COMING UP

DEC Investigator Remarks:

This is a duplicate spill to an existing ongoing spill case.
 Ref spill #0605974 – DEC Manager is Sharif Rahman

Map Identification Number 124 **EXCAVATION SITE** **Spill Number: 0605974** **Close Date: 06/06/2008**
 204–214 NORTH 11TH ST BROOKLYN, NY 11211 TT-Id: 520A–0048–948
 MCCAREN MEWS

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1810 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO REVISION MADE

Source of Spill: UNKNOWN Spiller: CHARLIE SOSIK – EXCAVATION SITE Spiller Phone: (631) 589–6353
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: SFRAHMAN Contact for more spill info: CHARLIE SOSIK Contact Person Phone: (631) 589–6353

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
08/23/2006		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

CLEAN UP IN PROCESS AND WAS FOUND DURING EXCAVATING.

DEC Investigator Remarks:

**** Removed tank needs to be registered****

Sangesland spoke to Charlie Sosik of PW Grosser Consulting.

Site is an open excavation site right now with plans to build a residential tower. Because of it's industrial history and the contamination found during a Phase 2 investigation, the NYC Buildings Dept has given the site an "E" designation (meaning there are environmental issues to be resolved before the building can be finished)

Right now they're excavating the soil and sending it to an approved facility. During this process they found oil soaked soil (that's why they called in the spill report).

Because of the high water table (8ft depth?) when the basement floor will be at 12 ft depth, the contractor will need to install a "Frac Tank" to pump the contaminated water/oil mix until it can be removed from the site.

The longer term plan to remove the water from the site, is to set up an oil/water separator, contain the oil and discharge the water into the city sewer system (with city approval).

PW Grosser has done this type of work before and will keep the DEC up to date with the progress on cleaning up the site.

11/02/06 Rahman– Spoke with Chris Almskoz of PW Grosser Consulting. He told me that the excavation begun around July of this year and contaminated soil is being sent to disposal facility in NJ. There is a dewatering system active at that site with permit city DEP. He also indicated that they are continuously monitoring air quality(dust & odor)at that site. I told him to take immediate measure to minimize petroleum odor(cover the stockpiled soil, use deodorant powder)that travelling down wind. DEC will receive Phase II and RAP shortly.

11/03/06 Rahman– Spoke with Chris Almskog again this morning. DEC rec'd air quality monitoring data over past few days from different locations of the site. The PID meter(mini RAE 2000) detected highest voc concentration as 1.8 ppm(As per DER 10, at 5.00 ppm voc level work activities must be temporarily halted, at 25.00 ppm level work activities must be shutdown). Nonetheless, covering of the stockpiled soil with polythin sheeting, use of deodorant foam and direct loading to the truck have been strongly recommended at this time.

11/16/06 Rahman– Inspected the site again on 11/15/06 at around 4.00 pm after getting the odor complaint from Mr. Avigail Milde, a neighbor next door. I could not verify the complaint as there was no odor at that time and PID meter detected no reading(0.0

ppm)at street level and inside the lot.Oil–water mix is being pumped out to a settling tank for disposal as they accumulate at the bottom of the excavation.Sharif noticed covering of stock piled soil with green polytheen sheet to suppress the odor if it tends to spread.

The subject property is the planned site for the construction of a residential building. The proposed development will include the construction of a six–story, 19,800 square foot (foot print) building with a basement,and a separate three story 10,000 square foot (foot print)

parking garage.Excavation to an approximate depth of ten to twelve feet will be required for the construction of the foundation beneath the building and to a depth of 5 feet below the parking garage. The remainder of the property approximately 8,000 square feet will be capped with concrete and will serve as an open courtyard.

During the excavation, a previously abandoned 3,000 gallon heating oil UST was uncovered. It was located about 110' west of Roebling and 25' south of North 11th Street. In early August, Koon Tang visited the site with Charlie Sosik (formerly of PWGC) to discuss the UST and how to proceed. As per PW Grosser's claim,it was agreed upon to continue the excavation process to the proposed construction dimensions and Koon Tang or other DEC rep would visually re–inspect the site after soils were removed and properly disposed of.

Regarding the odor issue– the developer has vacuumed out floating product (11/15/06) from the onsite exposed water, used absorbent pads to collect product as it is observed, has been covering soil stockpiles with plastic sheeting after excavation activities, and he has

been soliciting contractors to apply an odor suppressing solution and/or foam encapsulant as excavation activities continue.

They plan on continuing to vacuum out floating product and use absorbent pads and/or booms when and if it continues to build up and to apply suppressant as needed.

They are in the process of obtaining a dewatering permit. Once they obtain the permit, the developer will continue to excavate directly into trucks for proper soil disposal. Once the proper excavation limits are achieved the developer is planning on installing a suitable sub–base for the foundation and slab and then setting concrete forms and pouring the foundation. It is anticipated that dewatering of the site will continue until after the foundation and slab are in place and waterproofed.

DEC requires clean end point samples and periodic sample of dewatering water before installing the foundation.

12/12/06 Rahman– I inspected the 204 N 11 Street excavation site 12/11/06 morning and met one of the owners Mr. Issac Schwarz .Currently, the excavation and removal of contaminated soil is proceeding towards the western side of the lot.On the eastern side, the installation of the pile caps is occurring, as the confirmatory end point samples results shows the organics were within acceptable range.There was no odor at the side walk level surrounding the lot, but I found a slight odor inside the lot near the stockpiled soil (PID reading; 0.5 ppm to 1.5 ppm). I suggested to the owner of the property that he cover the stockpiled soil until it is removed from the site for disposal(that action was taken immediately by the owner). Additional rounds of sampling will be performed in the middle and western side, once the excavation is completed down to proposed construction depth. Soil beneath the proposed building slab is to be covered with a vapor barrier line, followed by the concrete slab. As per phase II investigation, ground water was not impacted by the release from the buried tank.PW Grosser Consulting is overseeing the environmental issues.DEC has been notified that Bio solve solution is being used to suppress odor at the site,in addition to covering the stockpiled soil with polythin sheet.

Three Ground Water samples have been suggested to send to lab again to reconfirm the ground water quality at the end of the removal of perched oil water mix from the site.

01/26/07 Rahman– One out of four GW samples came up with some hits of voc/svoc.

02/20/07 Rahman– Offsite source investigation comprised of five monitoring wells have been submitted to DEC.I recommended for additional one on north sidewalk of N 11th street across the current seepage.

02/27/06 Rahman– I inspected the site this afternoon after being advised by the Regional Spill Engineer.No activity(excavation, installation of pile cap) was observed at the site today.There was no odor on sidewalk level(four sides of the lot),PID meter reading was).0 – 0.5 ppm).Two crews were at the site to pump the little amount of oily water as it accumulates.Apparently, the

seepage has been subsided.

Dept. rec'd the recent end point sampling result along with proposed monitoring wells installation plan.

03/05/07 Sharif inspected the site today,excavation of soil proceeding at the southwestern side, no odors observed.

03/14/07 Rahman- I stopped by the site today.Excavation extended to the southeast side currently.There is a slight odor spreading of the exposed soil today, that soil will be covered with polythene at the end of excavation today.211 n 11th Street is a wire house across the 204 N 11th site.There are doing a Phase II as part of property transaction.Copy of Phase II can be found on request from Roy Leonard @ (646)262-2840.

03/27/07- Inspected the site today at noon.MW installation will take place on coming thursday/friday.The seepage along the N 11th Street has decreased, in terms of quantity and pumping operation is in effect as needed.There was no odor outside of the lot, slight odor was observed in the lot.Stockpiled soil is kept covered until loaded to the truck for disposal.

03/29/07 Wells installation taking place today.I was there this morning when the well drilling was being performed.I came to know that a UST was removed recently from 211 N 11th street garage, which is directly across the seepage spot.I spoke with that property owner Mr.Roy Leonard and he confirmed that a 1080 gallon UST was removed and no spill/contamination was found.I requested him to send us the tank closure affidavit/company name who removed the tank.

One well is being installed IFO 211 N 11th street.

04/10/07 Activities are suspended because of the holidays, will resume on 04/11/07.No odor was observed on 04/06/07 visit to the site.Sampling of the six wells will take place today on 04/10/07.(SR)

04/16/07 Flood water stranded in the lot, is being pumped out to the storm drain, no sheen/evidence of oil observed during my visit this morning.(SR).

05/10/07 Sharif spoke with P.W Grosser(Kris Almskog).The monitoring wells sampling data is being reviewed by PW Grosser.As per Kris, well on south side of N11th street indicated some product only.Wells on roebbling side indicated presence of BTEX, no free product.PW Grosser plans to collect the free product from wells and perform another round of sampling.

06/06/07 AB Environmental pumped out oil from one well on side walk this morning.All other wells were checked for product, but there was no floating product.I was present that time.Approx. 2 gallon was collected from one well.(SR)

06/28/07 MW#1 was checked on 06/27/07 morning around 09:15 AM and approx. one gallon product was collected for disposal.(SR)

07/25/07 Spill#0750535 has been created to investigate the source of the petroleum seepage by state funded contractor,PIN case#04394.(SR)

10/02/07 Reviewing Phase II report done in March 2006.Contamination was observed in shallow and deep soil throughout the site and also in ground water.DEC was not notified that time about the contamination discovery, why? Again, in Phase II report, soil analytical for VOC/SVOCs were not provided.

I spoke with Mr. Issac Swartz and told him to provide DEC the Soil analytical result with pictures of the site at different stages of the excavation work.

I emailed and left a message for Kris Almskog of PW Grosser few days ago regarding the pictures of the site and Soil analytical from Phase II.(SR)

10/04/07 According to Phase I report by CA Rich Environmental Services, the building at 203 N 11th St had been used as a record storage warehouse for at least twenty years.Phase I identified former use of oil to heat the building based on a 1950 oil burner application to Department of Building.No evidence of vent pipes, fill ports or concrete patches was observed during Phase I investigation.During excavation activities for building development,2,000 gallon UST was found and on August 1st 2006 tank was removed by Tradw Winds Environmental.Apparently, the UST had been in the soil for about fifty years.No details information was provided about the Tank conditions like, corrosion,leak,holes or contamination around the tank.Affidavit from Trade Winds says remaining oil was removed from the tank and tank was removed with piping for disposal.Waste disposal manifest shows approx. 100 gallon sludge was removed from tank bottom.Waste disposal manifest also shows approx. 6,000 gallon petroleum contaminated water was disposed during tank removal month.Apparently, the petroleum contaminated water was removed from the tank area.DEC requires

the following information:

1)Soil analytical from Phase II

2)Details information about the UST condition(corrosion, leak,contamination around the tank)

3)Pictures of the site during soil excavation works.PW Grosser(Kris Almskog)told me that they have more than 100 photographs of the site during excavation.

4)Disposal manifest for liquid in the settling tank.A settling was engaged on N 11th Street to collect oil water mix since October 2006 for about 7/8 months.

5)PBS registration of UST.(SR)

10/17/07 Developer of 204 N 11th site Mr. Scharzt(718.218.8330) called me this morning and asked me if the investigation is completed and he could get the spill closed on his property.I told him that DEC's contractor expeditiously working to complete the investigation and at this point DEC requires additional information from his consultant PW Grosser regarding the UST on site, soil analytical from Phase II,details info on corrosion/holes of the UST with pictures,pictures of the excavation site during the excavation and removal of contaminated soil and water, etc.He told me that PW grosser will contact me today with the required info.(SR)

10/25/07 Conference call in DEC attorney John Urda's office with John Urda, Sharif Rahman, Jeff Vought and Dev Yudelson on the phone.DEC requires photos of the site at different stages of excavation and removal of contaminated soil/water, disposal manifest for the oil removed from the settling tank.Dev Yudelson indicated that he would advise his client accordingly.(SR)

10/26/07 Artie Baldwin from Trade Winds called me this morning in response to John Urda's call yesterday regarding the Tank at 204 N 11th site.He told me that they have a file on that tank which includes some pictures,too.He would send DEC whatever documents they have regarding the tank.

03/07/08 Department's letter requiring aggressive contamination removal from underneath the sidewalk went out to P.W.Grosser Consulting on 02/12/08.The letter asked to perform removal of contaminated soil and free product from underneath the side walk by excavating, as technically practical and feasible.Letter was approved by RSE and DLA.We had a meeting with DEC Vought, RSE Mr. Austin, John Urda and DEC sharif Rahman in RSE's office and discussed P.W Grosser's response regarding their proposal to VEFR the wells only, instead of excavation and removal of gross contamination underneath the sidewalk.RSE Mr. Austin opinioned that due to poor transmittivity of the oil, quantity of accumulation to the wells is also nonsignificant. Therefore, without excavtion,VEFR will not work well to recover free product from underneath the sidewalk. RSE recommended to contact Key Span Energy to study feasibility of excavation near their gas main to remove contamination.A meeting with property owner's consultant, counsel was scheduled on 03/13/08 at DEC office to discuss about remedial strategy.(sr)

03/17/08 A meeting was held on 03/13/08 at DEC region 2 office with P.W. Grosser(Kris Almskog),Proper owner Issac Swartz and Mr. Firetog.On DEC side- John Urda, Randall Austin,Jeff Vought and Sharif Rahman.DEC explained that due to the fact that ground water flow direction is from the site to the north and an UST that had oil in it with strong evidence of oil release to the ground, the site 204 N 11th Street is the most potential source of this oil contamination and there was no other source found.It was decided that PW Grosser will prepare revised work plan to excavate and remove contamination from the sidewalk after consulting and keeping KeySpan in the loop.KeySpan has to be notified and clearance is needed from them in order to excavate near gas line.KeySpan Energy's contact info was given to P.W. Grosser.As per RP's request to close out this spill, DEC decided to close Spill 0750535 after the cost of investigation is paid by Mccarren Park Mews.Issac Swartz agreed to pay the bill for investigation done by Envirotract.Total cost of the investigation was provided to John Urda for dispatching to McCarren Mews.It was also discussed to analyze ground water quality once excavation and removal of gross contamination is completed.

(sr)

05/27/08 I called Dave Lorhtior(EnviroTrack) and requested him again to send DEC a confirmation letter when the bill for PIN job

is paid by McCaren Park Mews so that I can request DEC central office to take off the PIN number and spill 0605974 can be closed as per the stipulation agreement. Spill#0750535 will remain open until the remedial work is completed as per the Corrective Action Plan(CAP).(s.r)

06/02/08 I spoke with Envirotract's project manager Dave Lorthior regarding the bills, he said they have been paid and he would send us the confirmation by today. Erin Gaus from Test America(Lab) also told me the same. Once we receive the confirmation letter, this spill case will be closed. I contacted with Kris Almskog of P.W. Grosser to get the update on the sidewalk excavation job. As per Kris, A.B. Environmental was hired to perform the work, application for side work permit has been submitted to NYC DOT. Kris also indicated that as part of IRM, wells will be monitored today.(sr)

06/06/08 Rec'd letter/e-mail from Envirotract and Test America confirming that the invoices were paid in full and there is no other bill unpaid associated with spill#0750535/PIN 04394. As per Stipulation agreement, R2-20080502-236 and consent from RSE and DLA(John Urda), spill#0605974 is closed.

** Additional remedial activities will be carried out under Spill#0750535** (sr)

** 06/18/08 I stopped by the site and observed some soil excavation taking place at the south west side proposed parking lot area, soil has black stain and it has odor. I suggested to take soil samples from the bottom of the excavation in a grid pattern and perform air monitoring today and after. P.W Grosser(Chris Almskog) sending crew to take samples today, as per our conversation today. I also suggested Isaac Swartz to cover the stockpiled soil in order to prevent the odor from spreading. Chris Almskog indicated that they are working with Keyspan and Contractor A.B. Environmental to schedule the excavation and removal of contaminated soil from under N 11th street sidewalk.(sr)**

06/23/08 I responded to the site with DEC Hasan Ahmed. P.W.G.C rep Jennifer Lewis, AB Environmental, National Grid(KeySpan) rep Douglas Laregina were present at the site. AB Environmental started excavation at MW-1 location. With Keyspan's approval the excavation dimension was approx 9' deep, 2' wide and 4' long along N 11th Street. Free product found in the excavation hole that was sucked out by A.B Environmental. Excavation will be back filled today as there is safety issues involved, but will be reopened for more excavation and installation of recovery well. I told PWGC and Issac Swartz that actual dimension of the excavation for efficient and safe recovery of the soil/oil contamination must be determined by a licensed Professional Engineer as per DEC's letter Feb 12'2008. MW-11 was checked for product by a stick and free product was found. MW-12 and MW-4 are also the potential location for free oil contamination.(sr)

07/09/08 I and Jeff Vought discussed sampling result taken from the parking garage area with RSE Mr. Austin. As per RSE, the exceedances of VOC/SVCOs in soil samples are not indicative of petroleum release in that part of the lot and the garage area will be covered with 8" thick concrete slab sealing the pathways for vapor migration, according to the PWGC RAP. However, RSE instructed to check the investigation report of 200 N 11th Street, site west to 204 N 11th for ground water contamination. Phase II investigation report for 200 N 11th Street was checked and only minor exceedances of some VOCs were observed. That spill was closed(0609092).(sr)

10/29/08 Spoke with P.W.Grosser(Kris Almskog) this morning, he said the monitoring wells were surveyed last week and a report will be sent to DEC on quarterly status of the product recovery and monitoring wells.(sr)

** This case is closed and referred to spill 0750535.**

Map Identification Number 125 **AMONIUM HYDROCHLORIDE SPI**
 215 N. 10TH ST

NEW YORK CITY, NY

Spill Number: 8604708**Close Date: 10/23/1986**
TT-Id: 520A-0040-760

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1814 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Fire Department
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: ROBINSON BROS. CHEMICALS
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/22/1986	10/23/1986	UNKNOWN	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

SPILL FROM VALVE DEP & FD ON SCENE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

10/10/95: This is additional information about material spilled from the translation of the old spill file: AMONIUM HYDROCHLORID.

Map Identification Number 126 **606 MANHATTAN AVENUE**
 606 MANHATTAN AVENUE

BROOKLYN, NY

Spill Number: 9315136**Close Date: 11/05/1999**
TT-Id: 520A-0041-414

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1822 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: MARCELLA CABRAL
 DEC Investigator: ADZHITOM

Spiller: UNK
 Notifier Name:
 Caller Agency: NYC DEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 699-9811
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/24/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRANSIT PERSONNEL APPLIED SAND – WILL NOTIFY HAZ MAT – LEAK COMING THRU WALL OF SUBWAY.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
 REFER TO 98-13210 & SP00907.

Map Identification Number 127 **51 KINGLAND AVENUE**
 51 KINGLAND AVE

BROOKLYN, NY

Spill Number: 1204885

Close Date: 11/27/2012
 TT-Id: 520A-0277-171

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1825 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 51 KINGSLAND AVE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Other
 Caller Name:
 DEC Investigator: MJHAGGER

Spiller: DAVID LIERS – KINGSLAND SERVICE STATION
 Notifier Name:
 Caller Agency:
 Contact for more spill info: DAVID LIERS

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: 511(6) 369-7914

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/14/2012		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL, GROUNDWATER

 Caller Remarks:

detected in routine ground water sampling clean up pending

 DEC Investigator Remarks:

August 2012: ExxonMobil's consultant, Kleinfelder, found a small quantity of Ethanol in one of the on-site wells (MW-13) at 94ug/l. PM informed EM not to call-in Spills with j-values but apparently they analyzed with a low dilution factor. 50ppb was the quatitation limit. I informed EM that this is was most likely surface run'ff and that if no Ethanol is detected this next quarter the Spill will be closed

November 27, 2012: No subsequent detection of Ethanol. Spill Closed

Map Identification Number 128

VS 5950



E SIDE KINGSLAND AVE/NEAR FROST ST

BROOKLYN, NY

Spill Number: 0504371

Close Date: 01/05/2006

TT-Id: 520A-0050-229

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1838 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: KINGSLAND AVE / FROST ST

Revised zip code: UNKNOWN

Source of Spill: UNKNOWN
 Notifier Type: Responsible Party
 Caller Name: MARK PIROPATO
 DEC Investigator: GDBREEN

Spiller:
 Notifier Name: JOHN ANDERSON
 Caller Agency: CON ED
 Contact for more spill info: ERT DESK

Spiller Phone:
 Notifier Phone: () -
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/13/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	9.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

E SIDE KINGSLAND AV / 37' N OF FROST ST

on 50 gallons of water
transformer involved – have to pressure test transformer to see if it is leaking. 159710.

DEC Investigator Remarks:

159710.000
W. PINEDO #17237 FOD OPERATOR REPORTS FINDING APPROX 9 GALS OF UNKNOWN OIL ON APPROX 50 GALS OF WATER IN VS5950. NO SEWERS, WATERWAYS, OR PRIVATE PROPERTY AFFECTED. THE SOURCE AND CAUSE OF THE SPILL IS UNKNOWN. THERE WERE NO SUBSTANTIAL CRACKS IN THE STRUCTURE AND THE STANDING WATER HAD NO MOVEMENT. THE EXISTENCE OF ANY SEWER CONNECTIONS, SUMPS, OR DRAINS COULD NOT BE VERIFIED AT THIS TIME. ENV STOP TAG#48666 WAS PLACED AND ONE LIQUID SAMPLE TAKEN. MR PINEDO WILL CHECK OIL LEVEL IN UNIT AND GET BACK TO THE DESK. THIS UNIT WILL ALSO HAVE TO BE PRESSURE TESTED. WAREHOUSE RECORDS DATED 11/8/2002 INDICATE PCB AS 1 PPM LAB SEQ #02-10424-000.

7/13/05 1100HRS J.SANTO BQE WANTS TO UPDATE AMOUNT. REPORTS FOUND APPROX 570 GALLONS OF WATER AND 15 GALLONS OF OIL. UNIT WAS PRESSURE TESTED AND FAILED. UNIT WILL BE CONDEMED.OVER 50 TANKER ORDERED FOR CLEANUP. ENVIR CREW WILL BE DISPATCHED WHEN TANKER ARRIVES. G DONATONE
EPA-NYP004133500

LAB RESULT RECEIVED 7/13/05 – 1344. 05-06975. 12 PPM. TJ – 50495

TRANSF LAB RESULT RECEIVED 7/13/05 – 1451. 05-06988. < 1.0 PPM. TJ – 50495

UPDATE: 7/13/05 – 1705 H. FERNANDEZ – ENV. OPS., REPORTS STRUCTURE DOUBLE WASHED WITH BIO GEN 760. STRUCTURE DRAINED BY ASTORIA TANKER. TAG REMAINS PENDING TRANSFORMER REMOVAL. TJ – 50945

UPDATE 7/13/05 03:30 HRS BQE DINEEN REPORTS THE UNIT WHICH HOLDS 570 GALS AS PER MFG TAG HAS BEEN DRAINED OF 550 GALS, LEAVING THE SPILL AMOUNT AT 20 GALS. ENV TAG REMAINS IN PLACE PENDING REMOVAL OF TRANSFORMER.

UPDATE: 9/26/05 – D. LICHTENSTEIN – ENV. OPS., REPORTS STRUCTURE DOUBLE WASHED WITH BIO GEN 760. TAG REMAINS PENDING TRANSFORMER REMOVAL.

UPDATE – 10/5/05 1600HRS
PAUL SELEGTSOV # 19936 BQE REPORTS UNIT (REACTOR) HAS BEEN REMOVED FROM THE STRUCTURE. ENV. CREW ON LOCATION CLEANING STRUCTURE. NEW UNIT (REACTOR) WILL BE INSTALLED AFTER CLEAN UP.

UPDATE 10/5/05 16:50 HRS ENV OPS BANKHEAD REPORTS THAT THE STRUCTURE WAS DOUBLE WASHED WITH BIO-GEN 760, A SEALED SUMP WAS FOUND, ENV STOP TAG# 48666 WAS REMOVED, AND THE CLEANUP IS COMPLETE.

Map Identification Number 129 **VS5950 – VAULT**
 **KINGSLAND AV/FROST ST**

BROOKLYN, NY **Spill Number: 0401647**

Close Date: 08/31/2004
 TT-Id: 520A-0050-231

MAP LOCATION INFORMATION
 Site location mapped by: **MANUAL MAPPING (3)**
 Approximate distance from property: **1838 feet to the E**

ADDRESS CHANGE INFORMATION
 Revised street: **KINGSLAND AVE / FROST ST**
 Revised zip code: **11211**

Source of Spill: **UNKNOWN**
 Notifier Type: **Local Agency**
 Caller Name: **MARK SCHLAGEL**
 DEC Investigator: **JHOCONNE**

Spiller: **UNKNOWN**
 Notifier Name: **MR TOJERRA**
 Caller Agency: **CONED**
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: **(212) 580-8383**
 Contact Person Phone:

Category: **Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.**
 Class: **Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency**

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/14/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Caller reports labs of 1ppm from 11/03. Spill into 20 gallons of water. Transformer is located in the vault. Cleanup is pending and will be done CoEd crews.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" e2mis no. 153400:

FOUND UNDIAPERABLE SHEEN ON 20 GALLONS OF WATER IN VS 5950. NET CREW WILL BE GOING TO LOCATION TO PRESSURE TEST UNIT. HISTORICAL RECORDS INDICATE 1 PPM 11/8/03. CLEANUP PENDING LAB SAMPLE

AND PRESSURE TESTING RESULTS.

LSN 04-03746 PCB <1 PPM

UPDATE: 5/15/04 – 1005

ENV. OPS. REPORTS AN EARTHEN SUMP IN THE STRUCTURE.

UPDATE: 5/15/04 – 1045

J. MIDDLETON – ENV. OPS., REPORTS PRELIMINARY CLEANUP HAS BEEN COMPLETED BY DOUBLE WASHING THE STRUCTURE WITH SLIX. THE EARTHEN SUMP HAS BEEN CEMENTED. TAG REMAINS PENDING PRESSURE TEST BY BQE.

UPDATE: 5/17/04 – 1020

A. BOVE – BQE, REPORTS UNIT PRESSURE TESTED AND HELD PRESSURE. OIL LEVEL & TEMP ARE GOOD. SOME RESIDUAL OIL & WATER ARE IN STRUCTURE.

Update – 5/18/04 1830hrs

Sam Adedapo Env. Ops Mech all liquids removed from structure with <50 tanker. Double washed structure with 760 biogen. Removed env. stop tag # 12477. Clean up completed.

Map Identification Number 130 **KINGSLAND & FROST AVENUE –MTBE** **Spill Number: 0002006** **Close Date: 09/15/2010**
 KINGSLAND AVENUE BROOKLYN, NY TT-Id: 520A-0050-230

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1838 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: KINGSLAND / FROST AVENUE
 Revised zip code: 11211

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name:	Notifier Phone:
Caller Name: NELSON ABRAHMS	Caller Agency: METCALF & EDDY	Caller Phone: (908) 437-7069
DEC Investigator: SKCARLSO	Contact for more spill info: ANGELO ELMY	Contact Person Phone: (718) 391-2123

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/17/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information

OTHER PETROLEUM	UNKNOWN	0	GALLONS	0	GALLONS
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Caller Remarks:

TESTING CO FOUND CONTAMINATES IN THE SOIL. ANGELO ELMY IS THE CONTACT CITY OF NY DEPT OF CONSTRUCITON

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead DEC Field was "ROMMEL"

On June 5, 2000, DEC Sigona contacted Angelo Elmy for an update on the discovery of contamination. Left Message on voicemail.

DEC Sigona also contacted Nelson Abrahms and left message req further information.

DEC Sigona received site investigation report dated May 2000 by Metcalf & Eddy. on June 6, 2000.

THE AREA WAS BEING EXCAVATED ALONG GAS STATIONS WHERE A NEW SEWER IS BEING INSTALLED BY DDC.

On September 20, 2005 the DEC received a report dated 6/13/00 "Site Investigation Report, Kingsland Ave/Metter Ave. Sewer Project..." by Metcalf and Eddy.

More work needs to be done. Contamination was found, the source is unknown. (March 2006)

11/20/07: Transferred to Sun/Sellberg. (JS/MS)

4/21/08: James Romeo (DDC) no longer works there. Rebecca Tummon, new contact? 718-391-1799 tummonre@ddc.nyc.gov (JS/MM)

08/05/08: Transferred to Kolleeny/Mandac. - JK

08/11/08: Spoke to Dennis Askins. Project was cancelled. Only environmental soil cores were taken. DDC did not investigate further. 78 Kingsland Ave had a UST fuel oil tank excavation; minor SVOC contamination. Kingsland SB-3 had VOC contamination. Sunoco gas station most likely suspect. 78 Kingsland Avenue, Epner Tech., has a tank closure assessment on file. Minor VOC and SVOC in soil. Unlikely. Refer to spill case #8908110 (S. Carlson).

03/03/09: On 2/23/09 I spoke to S. Carlson to see if she had any info on this spill. On 2/27/09, S. Carlson sent an email to John Urda to follow up on status of Spill No. 8908110. She thought these two spills might be able to be consolidated if an investigation was performed. (JK/KG)

08/19/09: Per S. Carlson, Exxon has agreed to perform a site investigation at 51 Kingsland Ave (spill 8908110). Pending the results of the investigation, this spill may be consolidated with spill 8908110. (JK/KG)

9/15/2010 - Carlson: Case consolidated with spill no. 8908110.

Map Identification Number 131 **625 HUMBOLDT STREET**
 625 HUMBOLDT STREET

BROOKLYN, NY

Spill Number: 9212899

Close Date: 02/17/1993
 TT-Id: 520A-0043-409

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1871 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 11222

Source of Spill: PRIVATE DWELLING
 Notifier Type: Other
 Caller Name: WALTER URBAN
 DEC Investigator: CAMMISA

Spiller: DMITRA RES
 Notifier Name:
 Caller Agency: BAERENKLAU
 Contact for more spill info:

Spiller Phone: (718) 268-4839
 Notifier Phone:
 Caller Phone: (718) 647-4200
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/17/1993	02/17/1993	UNKNOWN	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CONTAINED ON CONCRETE FLOOR-SORBENT APPLIED AND P/U-CUSTOMER TO REPAIR TANK

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 132 **IN STREET**
 MEEKER AVE/ UNION AVE

BROOKLYN, NY

Spill Number: 0613323

Close Date: 03/13/2007
 TT-Id: 520A-0050-752

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 1875 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: MEEKER AVE / UNION AVE
 Revised zip code: 11211

Source of Spill: COMMERCIAL VEHICLE Spiller: JERARD ALEXANDRE – RELIABLE PAPER RECYCLING Spiller Phone: (201) 333-5244
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: hrpatel Contact for more spill info: OFFICER ON DUTY Contact Person Phone: (718) 476-6288

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/12/2007		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIESEL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

GARBAGE TRUCK HIT CURB AND PUNCTURED TANK ON VEHICLE; HAS BEEN CLEANED; BEIVE 2 GALLONS ENTERED SEWERS;

DEC Investigator Remarks:

03/13/07–Hiralkumar Patel. spoke with Celest Okoli (347-672-6059) during off hour duty on yesterday. Celest works with DEP. he was at scene. spill was happened after truck hit curb and broke saddle tank. as per Celest, FDNY left drums filled with diesel on street (not on sidewalk) in corner and could be hit by another vehicle during night. Celest asked DEC to remove these drums. discussed with DEC Austin. he told that DEC will not remove these drums as spill happened from truck and have information of responsible party. regarding location of drums on street, he suggest to call FDNY as they left drums on street. spoke with Celest again and asked him to call FDNY to relocate drums on safe location. Celest gave truck company's info:

Reliable Paper Recycling
 ph. (201) 333-5244

left message at reliable recycling to remove drums from location.

received call from Bob from Reliable recycling today morning. they are removing drums.

all cleaned up. case closed.

Map Identification Number 133 **104 KINGSLAND AVE/BKLYN**
 104 KINGSLAND AVENUE

BROOKLYN, NY

Spill Number: 9012712**Close Date: 03/15/1991**
TT-Id: 520A-0044-675

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1875 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Affected Persons

Caller Name: ARMANDO AMELIS

DEC Investigator: SJMILLER

Spiller:

Notifier Name:

Caller Agency: CITIZEN

Contact for more spill info:

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 599-5506

Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/15/1991	03/15/1991	UNKNOWN	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

STRONG ODOR FROM BASEMENT,DEC INSPECTED BASEMENT,NOTED SUMP WITH CLEAN3" DRAIN BUT FRESH WATER RUNNING INTO SUMP THRU WALL,POSSIBLE BUSTED WATER PIPE,PAINT LIKE ODOR IN BASEMENT & UPSTAIRS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"

03/15/91: DEC INVESTIGATED NEARBY DRUM RECYCLING FACILITY,OPERATOR INDICATED NO CHEMICALS WERE DISCHARGED INTO SEWERS,5 FT DEEP SUMP ON PROPERTY,DEC CONTACTED NYCDEP(IWCS).

10/10/95: This is additional information about material spilled from the translation of the old spill file: STRONG ODOR/SEWAGE.

Map Identification Number 134 **COMMERICAL VACANT LOT**
 235-239 N 9TH STREET
 NE CORNER OF ROEBLING

BROOKLYN, NY

Spill Number: 0801333**Close Date: 06/03/2011**
TT-Id: 520A-0215-912

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1882 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: RVKETANI	Contact for more spill info: RAY KAHN	Contact Person Phone: (212) 363-3775

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/02/2008		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

recieved lab results from a historical site; unknown if it is petroleum or not;

DEC Investigator Remarks:

This site is East side of Roebling/North side of N 9th
 Sarah Carlson site is south side of N 9th
 Other DEC sites are West of Roebling

6/11/10–Vought–Spill transferred from DEC Vought to DEC Ketani as per DEC Austin and Vought transfer to Section A.

8/25/10 – Raphael Ketani. I made an unannounced site visit. The site was a vacant lot. The south end of the lot had lots of refuse and other debris, but no indications that liquids were being dumped here. The north end of the lot was bare. In the middle of the lot, there were some private vehicles and some roll off containers with what looked like refuse in them.

8/26/10 – Raphael Ketani. The spill took place on 5/2/08 and involved the discovery of some type of material at the site. The spill report indicates that the type of material was not known at the time of the incident.

According to Property Shark, the site is block and lot 2307 and 38. Property Shark shows a picture of a large one story commercial building with no windows. The address is listed as both 35–43 Roebling Street and 235–239 North 9th Street. According to ACRIS, Wing Hon Holding Inc., 2 Rewe Street, Brooklyn, NY, 11211 sold the property on 11/30/07 to 243 North Group, LLC, 543 Bedford Avenue, Brooklyn, NY, 11211.

There is only one PBS registration in the database and no other Spill reports. The PBS is #2–609544. There were 2 550 gal. ASTs in above ground enclosures. Both were closed and removed.

There is no paper file. There are no E-docs.

I tried to contact Ray Kahn of the environmental consulting firm ESPL (212) 363-3775/cell (917) 939-7366. However, I could only leave a message requesting information regarding what was found at the site.

10/13/10 – Raphael Ketani. I spoke to Mr. Kahn (917) 939-7366 regarding the site. He said that the investigation didn't move forward because of the real estate market crash. He said since the DEC is now interested in what's below the site, he will look into the matter and call me back.

12/2/10 – Raphael Ketani. As there has been no information forthcoming from Mr. Kahn, I sent a CSL to 243 North Group, LLC.

12/14/10 – Raphael Ketani. The CSL came back to DEC unopened and marked "refused." I rechecked ACRIS for the latest address for 243 North Group, LLC. I found a document dated 4/15/10 that showed the latest address to be 80 Clay Street, Brklyn, 11222. I resent the CSL to this address.

3/3/11 – Raphael Ketani. As there has been no response from the owners of the site, I sent a followup letter. I set a deadline of April 1 for receipt of the investigation report.

4/1/11 – Raphael Ketani. There has been no response from the owners of the property to the followup letter. Therefore, I sent a STIP package with a deadline of 5/2/11 for the return of the signed STIP.

5/3/11 – Raphael Ketani. Today I received the unopened envelope containing the STIP package. The envelope had a post office sticker indicating that it was unclaimed. I will attempt to hand deliver the STIP.

I made unannounced site visits to two locations in an attempt to locate the owners of the site and their mailing location. The first location I went to was 80 Clay Street in the Greenpoint section of Brooklyn. This turned out to be a one story, yellow commercial building. There was a large Jewish mezzuza on the door frame. I knocked on the door, but no one answered. There was a sign on the door that indicated people should go to 1109-1113 Manhattan Avenue, the cross street location around the corner. I entered the building and met the security guard. He said that 1109-1113 Manhattan Avenue was an apartment building for recovering drug addicts. I saw two sheets of paper behind him with lists of different LLCs which receive their mail here. However, 243 North Group was not one of them. He said that the building at 80 Clay Street had been recently sold (this is what ACRIS shows), but he had never heard of 243 North Group, LLC.

Next, I went to 543 Bedford Avenue in the Williamsburg section of Brooklyn. This was the previous mailing address for 243 North Group, LLC. The location was a small, red apartment building. The entrance to the building was around the corner on the minor cross street. I entered an office which advertised mostly insurance coverage, among other things. I spoke to an orthodox Jewish man who came from the back. He said that unless I had a person's name or post office box number, he could not help me. I left my business card anyway.

I returned and tried ACRIS. There were various UCC3 assigned parties, but it was not clear who should be sent the STIP. Property Shark was no help, either. I tried the NYS corporation database and saw a new mailing address. This was "c/o PERL, 138 Ross Street, Brooklyn, NY, 11211." I will resend the STIP to this address tomorrow.

5/4/11 – Raphael Ketani. I resent the STIP to PERL at 138 Ross Street with a deadline of June 3 for receipt of the signed STIP page.

6/3/11 – Raphael Ketani. I never received the signed STIP or the green return card.

As it was not determined that the substance found was oil when the investigation took place in 2008, and as there is no evidence to confirm or deny that oil substance was oil, and as my site visit on 8/25/10 did not reveal that an oil spill had taken place or that an oil release was likely, and as attempts to contact the owner in order to find out what had been discovered were fruitless, I have determined that there is no basis upon which to continue to have an active spill case for this site. Therefore, I closed the spill case today.

Map Identification Number 135 **44 NEWELL STREET**
 44 NEWELL STREET

Spill Number: 9309647 **Close Date: 12/23/2002**
 BROOKLYN, NY TT-Id: 520A-0044-685

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1890 feet to the N

ADDRESS CHANGE INFORMATION
 Revised street: 44 NEWEL STREET
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: NEWELL FUEL OIL COMPANY	Spiller Phone: (718) 383-1133
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: STEVE MILLER	Caller Agency: NYS DEC	Caller Phone: (718) 482-4933
DEC Investigator: SJMILLER	Contact for more spill info:	Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Any Type of RP, Including No RP – DEC Field Response – Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/08/1993		UNKNOWN	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

ANOTHER CITIZEN OIL COMPANY ACROSS ST. TOOLS W/FUEL AND ODORS ARE GENERATED DURING HEATING SEASON.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
 1/24/94 @ 1500hrs, MILLER INSPECTED NOTIFIER'S (NEIGHBOR) BASEMENT: NO ODOR AND NO EVIDENCE OF RELEASE. ALSO CHECK OIL COMPANY
 ACROSS STREET: NO MAINTENANCE, NO IMPROPER STORAGE, NO OIL WATER SEPARATOR, 275-GAL AST IN BASEMENT BUT NO GROSS SPILLAGE AND NO
 ODORS. ACCORDING TO OIL COMPANY DEP INSPECTED FACILITY 2-WEEKS EARLIER BUT ISSUED NO NOV'S.

ADVISED NEIGHBOR TO CALL ME IF ODOR RETURNS.

Map Identification Number 136 **APARTMENT BLDG** **Spill Number: 1113750** **Close Date: 03/26/2012**
 243 JACKSON STREET BROOKLYN, NY TT-Id: 520A-0271-619

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 1901 feet to the ESE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: HRPATEL Contact for more spill info: ANDREW KELLY Contact Person Phone: (718) 595-4761

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/09/2012		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0.01	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Oil suspected to be coming from 33 Kingsland Ave. DEP unable to gain access to bldg. Unknown owner at this time. Further is pending.

DEC Investigator Remarks:

03/09/12-Hiralkumar Patel.

2:56 PM:- spoke with Andrew at DEP. he mentioned that owner of 243 Jackson Street reported an oil seepage into his basement. Andrew inspected site and found few ounces of oil seeping through basement wall. there is a gas heating system at impacted site. he tried to inspect next door building at 31 Kingsland Ave, but no success.

3:03 PM:- spoke with Albert Long, owner of 243 Jackson Street. he owns 243 Jackson street (property at the northwest corner of

Jackson Street and Kingsland Ave). he mentioned that oil found in basement of his building. he has gas heating system, but building at 31 Kingsland Ave has oil heating system.

Albert Long **owner of building 243**
1417 Jefferson Avenue
Brooklyn, NY 11237
Ph. (347) 247-9543
email: cienlada@aol.com

Mellys Long
Ph. (347) 987-9541

as per DOB application approved on 12/28/04, oil burner was replaced with gas burner at Mr. Long's property. <-----

alternate address for 243 Jackson Street: 243-251 Jackson Street, 31A Kingsland Ave

no PBS record found for 243 Jackson Street.

old spill # 0409577 found for 243 Jackson Street. the spill was reported on 11/26/04 due to a petroleum release from a 275 gal tank located closer to the wall. the case was closed based on property owner's statement, but no cleanup report submitted.

alternate address for 31 Kingsland Ave: none

no PBS or spill record found for 31 Kingsland Ave.

4:00 PM:- visited site. met Teresa, building super for 243 Jackson St. its four story building with basement. building 243 runs east-west along the north side of Jackson Street. ground floor of the buiding 243 is occupied by: a grocery store (Neighborhood Grocery) at the eastern end of the property (at the northwest corner of the intersection of Jackson St and Kingsland Ave), apartment building entrance in middle and a restaurant (718-349-2400) on the western end of the property. inspected basements under the apartment building and grocery store. found oil on water in the northwest corner of the grocery store basement. oil/water mix also found in the northeast corner of the apartment basement, at the end of the basement stairs. the boiler room is located in the eastern part of the apartment basement. there is a small open area behind the boiler room, between the subject site and the adjacent building at 31 Kingsland Ave. found oil/water in this open area. during inspection, minor odors noticed in basements.

inspected basement at building 31 Kingsland Ave. suspected site has two 275 gal ASTs on legs. no sign of oil spill found under the tanks. fill and vent lines runs aboveground. the two tanks are located along the southern foundation wall in the eastern part of the basement. tank location is along the grocery store basement at building 243. boiler at building 31 is located in the northwestern corner of the basement and supply line between the tank and boiler runs underground. basement at building 31 is about 4 ft higher than basement at building 243.

based on location of tanks at building 31 and most impact in the grocery basement at building 243, oil may have spilled from an underground supply line at building 31.

03/12/12-Hiralkumar Patel.

12:54 PM:- left message for Mr. Long.

1:15 PM:- visited site. met Mr. Long. inspected basement under the restaurant, the apartment and the grocery store.

its a finished basement under the restaurant. no sign of any water or oil seepage found in the basement.

during site inspection, Mr. Long showed location of his old tanks. the tanks at building 243 were located along the southern foundation wall in center of the basement and just right of the basement entrance (which is left of the restaurant entrance) from sidewalk. Mr. Long mentioned that fill port and a vent line for old tanks in his building were located just left of the apartment building entrance (in area between the apartment entrance and restaurant entrance). no sign of oil/water seepage found where the old tanks were located. inspected other parts of basement where oily water observed during site visit on 03/09/12. no oil found at the end of the basement stairs or boiler room or an open area behind the boiler room. during today's inspection, found a drain in the open area and a drain pipe going towards the grocery basement. its looks like whatever oil found in open area and in the northeast corner of the apartment basement, might have came through the drain pipe from the grocery basement. during inspection of the grocery basement, found a sump like structure in the northwest corner and oil/water in the corner. asked Mr. Long to remove oily water and seal the corner which will prevent further seepage.

Mr. Long mentioned that they had changed a main sewer line about 8 months ago, but they never so oil seepage before. oil spill found by grocery store person when they noticed petroleum odors in grocery basement about two weeks ago.

during inspection, met Lorenzo Ayala, president of co-op board for building 31. there are six co-op units in the building. discussed about possible leak from an underground supply line at building 31. asked him to perform a tightness test of the line and submit result by the end of 03/14/12.

31 Kingsland Ave Housing Development Fund Corporation **owner of building 31**
c/o Lorenzo Ayala **co-op president**
31 Kingsland Avenue, Unit 1R
Brooklyn, NY 11211
Ph. (347) 251-4123

Erica Erazo **co-op unit owner at building 31**
31 Kingsland Avenue, Apt. 2R
Brooklyn, NY 11211

Diana Hodge **co-op unit owner at building 31**
31 Kingsland Avenue, Apt. 2L
Brooklyn, NY 11211

3:28 PM:- spoke with Dennis at Ferrentino Fuel and requested a copy of delivery record for building 31 from Jan. 2011 to Mar. 2012. he asked to send email.

Dennis Gooldstein **oil delivery company for building 31**
Ferrentino Fuel
Ph. (718) 832-6700
email: dennis@ffcenergy.com

3:30 PM:- sent email to Dennis and asked to send delivery record from Jan. 2011 to Mar. 2012.

based on available information, changed following information in the original spill report (see copy on e-docs):

- spill name: "intersection" to "apartment building"
- site address: "Jackson St & Kingsland Ave" to " 243 Jackson Street"

3:54 PM:- left message from Mr. Long.

03/13/12-Hiralkumar Patel.

10:16 AM:- spoke with Mr. Long. they are going to pump out oil/water today. asked him to call for inspection after pump out and prior to sealing the sump.

10:32 AM:- received call from Mr. Ayala. he mentioned that about two weeks ago, building 39 Kingsland Ave changed from oil to gas heating system and Mr. Ayala suspects that owner of building 39 has dumped excess oil into sewer system. he asked to meet at the site and will provide evidence. informed him that regardless of findings at building 39, the department still requires tightness test of the supply line in his building. informed him about possible site visit tomorrow morning. he will try to have line test done during the site inspection tomorrow morning.

10:40 AM:- received email from Ferrantino Fuel including delivery record for bldg 31 from Oct. 2011 to Mar. 2012. based on delivery record, occupants of bldg 31 used average of about 17-19 gal per day since Oct. 2011 and there is no sudden increase in oil use.

03/15/12-Hiralkumar Patel.

10:00 AM:- visited site. inspected grocery store basement. oily water was removed from basement, but some more oil came into sump. asked cleanup guy to remove the product from sump.

spoke with Mr. Ayala. he mentioned that a technician from his own company checked the system and confirms no leak. informed him that a tightness test of the supply line must be performed and a certified result must be submitted to the Department. Mr. Ayala mentioned that his sister lives in building 39 and will call back with landlord's number for building 39.

10:32 AM:- received message from Mr. Ayala with contact info for property owner for building 39.

Zev Zafir Inc.

owner of 39 Kingsland Ave

Shloma Stuhl

President

543 Bedford Avenue #239

Brooklyn, NY 11211

Ph. (718) 387-7584

1:10 PM:- spoke with Mr. Long. suggest him to continue cleanup. asked him to call for site inspection before he seal the sump.

2:43 PM:- left message at Zev Zafir Inc.

3:00 PM:- received call from Shloma Stuhl from Zev Zafir Inc. he mentioned that they have gas heating system for more than six months. they only modified gas line on 03/01/12. scheduled a site inspection at 10 AM tomorrow morning. George (917-721-2470) will provide access to building 39.

03/16/12-Hiralkumar Patel. called George multiple times, but no answer. did not visited building 39.

03/19/12-Hiralkumar Patel.

3:45 PM:- visited site. inspected grocery basement. oil hasn't cleaned up yet. no increase in the amount.

03/21/12–Hiralkumar Patel.

9:27 AM:– left message for Mr. Long. informed him that spill in grocery store basement must be cleaned up immediately.

03/22/12–Hiralkumar Patel.

03/23/12–Hiralkumar Patel.

2:04 PM:– spoke with Mr. Long. he mentioned that contractor pumped out oily water from sump until it cleared out.

2:09 PM:– spoke with Elizabeth at 95 Inc., contractor who pumped out oil/water. she mentioned that they pumped out about 50 gal of oily water. she will ask driver to call back, who responded to the site.

Elizabeth
95 Inc.
Ph. (631) 842–9817

2:23 PM:– received call from Dino, driver from 95 Inc. he mentioned that after pumping about 50 gal, he found mostly clear water.

03/26/12–Hiralkumar Patel.

9:15 AM:– visited site. inspected grocery store basement. found mostly muddy water, with some oily water (less than 1 ft by 1 ft area) away from sump area.

received fax from Elizabeth including a disposal manifest.

3:35 PM:– spoke with Mr. Long. asked him to remove the last spot of oily water. informed him that as no more oil coming into the basement, case can be closed. suggested him to seal the basement.

after discussing with DEC Austin, case closed.

Map Identification Number 137



BMT L LINE
LORIMER/METROPOLITAN

BROOKLYN, NY

Spill Number: 0607434

Close Date: 10/10/2006
TT–Id: 520A–0048–000

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1903 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: LORIMER ST / METROPOLITAN AVE
Revised zip code: 11211

Source of Spill: RAILROAD CAR
Notifier Type: Other
Caller Name:
DEC Investigator: SMSANGES

Spiller: DISPATCHER 727 – BMT L LINE
Notifier Name:
Caller Agency:
Contact for more spill info: DISPATCHER 727

Spiller Phone: (718) 965–8261
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 965–8261

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/29/2006		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:
 train is being evacuated– unknown what happened and still investigating

DEC Investigator Remarks:
 not a petroleum related problem

Map Identification Number 138	METROPOLITAN AV AND LORIMER ST	BROOKLYN, NY	Spill Number: 0002207	Close Date: 11/25/2002
				TT-Id: 520A-0042-559

MAP LOCATION INFORMATION	ADDRESS CHANGE INFORMATION
Site location mapped by: ADDRESS MATCHING	Revised street: METROPOLITAN AVE / LORIMER ST
Approximate distance from property: 1903 feet to the SSW	Revised zip code: 11211

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Citizen	Notifier Name:	Notifier Phone:
Caller Name: DIANE ALFIERI	Caller Agency: CITIZEN	Caller Phone: (212) 708-3791
DEC Investigator: JMROMMEL	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/21/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller noticed greenish material on road yesterday and would like it looked into as to what the material is. caller req a call asap

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL" Robert L. called.

Caller said that liquid spread out onto four block radius after may 21, sunday's rain. probably started near an empty lot. can see liquid clearly in potholes union ave. no smell of oil or gasline dep was called [case#165296 stan siebenbery] who in turn called sanitation

Map Identification Number 139

DOUBLE GREEN
122 KINGSLAND AVENUE

BROOKLYN, NY

Spill Number: 9614038

Close Date: 03/17/2003
TT-Id: 520A-0041-952

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1932 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
Notifier Type: Affected Persons
Caller Name: ALLADEEN, BEBI
DEC Investigator: TOMASELLO

Spiller: DOUBLE GREEN
Notifier Name: ALLADEEN, BEBI
Caller Agency: CITIZEN
Contact for more spill info:

Spiller Phone:
Notifier Phone: (718) 599-0493
Caller Phone: (718) 599-0493
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/03/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT THIS IS AN ON-GOING PROBLEM WITH THE COMMERCIAL VEHS LEAKING OIL AND OTHER FLUIDS ALL OVER THE ROAD GOING INTO THE PLANT AND OFF THE PROPERTY – HER CHILD HAS FALLEN IN IT AS WELL AS OTHER CHILDREN IN THE AREA

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TOMASELLO/TANG" Referred To Eco.3/17/2003 – Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 140 **DELI** **Spill Number: 0013079** **Close Date: 04/05/2001**
 112 NASSAU AVE BROOKLYN, NY TT-Id: 520A-0044-923

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1951 feet to the NNW

ADDRESS CHANGE INFORMATION
 Revised street: 112 NASSAU AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: SON'S WORK TEL # – ROBERT BAK (OWNER'S SON)	Spiller Phone: (718) 628-9700
Notifier Type: Local Agency	Notifier Name: FIRE HAZMAT	Notifier Phone: (917) 769-0483
Caller Name: CHERELLE MAYFIELD	Caller Agency: DEP	Caller Phone: (718) 595-6777
DEC Investigator: SMSANGES	Contact for more spill info: FF RIPOLL	Contact Person Phone: (917) 769-0484

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/14/2001		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spill in inside deli's basement fd on the scene

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
3/14/2001 – Store front building with 3–4 apartments above.

2–275 gallon #2 oil tanks in the basement service the building.

Scaggs & Walsh Oil Company made a delivery (no sign of overfill) Later that day the bottom of one of the tanks (looks like corrosion) gave way and approx 100 gallons went to the basement floor and a drywell floor drain.

NYFD on scene emptied most of the 275 gallon tank into overpack drums. Scaggs & Walsh arrived on the scene and pumped out whatever remained. Scaggs & Walsh's insurance would not cover the loss because the tank is the property of the building owner and the tank failed due to corrosion. Scaggs & Walsh hired Milro Associates after a verbal discussion with the building owner (Robert Bak 718–628–9700) that the cost of the clean up was the responsibility of the building owner.

3/16/2001 – Sangesland called Milro to find the cleanup status. Paul (at Milro) said between 3/14 and 3/15 a 5'x8' section of the floor was opened up and dug down 2' and 2 cubic yards of contaminated soil was removed. Milro is not working today (3/16) because Scaggs & Walsh is installing new oil tanks. Milro will return on Monday 3/19 to continue excavation.

3/20/2001 Paul at Milro says the excavation is approx 5' x 10' x 3' deep. Because of access problems they can't really excavate any more and he'll probably spend one more day on site. Paul said he would PID the samples first and if they don't look bad, he'll back fill before the soil samples come back from the lab.

4/5/2001 End point sample from excavation was tested for:

TCLP Volatiles 8021/STARS (All results were "Non–Detect")

TCLP Polynuc, Arom. Hydrocarbons (BN) 8270 – "Non–Detect"

Spill closed 4/5/2001

Map Identification Number 141



COMMERCIAL PROPERTY

200 NORTH 11TH STREET

BROOKLYN, NY

Spill Number: 0609092

Close Date: 04/30/2007

TT–Id: 520A–0048–947

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 1951 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER

Notifier Type: Other

Caller Name:

DEC Investigator: SFRAHMAN

Spiller: ZEB YOUNGMAN – COMMERCIAL PROPERTY

Notifier Name:

Caller Agency:

Contact for more spill info: ZEB YOUNGMAN

Spiller Phone: (631) 589–6353

Notifier Phone:

Caller Phone:

Contact Person Phone: (631) 589–6353

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/08/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DURING SOIL INVESTIGATION FOUND CONTAMINATED SOIL: UNCLER OF SOURCE STILL INVESTIGATING

DEC Investigator Remarks:

Sangesland spoke to Zeb Youngman at PW Grocer. He says they did a phase 2 on the site in Late Oct 2006 (labresults not back yet) 5 soil borings – all had petroleum oder and water had oil sheen. widespread problems throughout site. 204 North 11th st (next door) has an open spill number managed by Sharif Rahman and the site is upgradient of this site. PW Grocer will take additional soil borings to prove the contamination is coming from 204 North 11th. *****Sharif Rahman is case manager for 204 North 11th St.*****
01/05/07 Rahman– A CSL was sent to (extracted from property shark)

Louise Deyirmenjian
80 Virginia Dr
Manhasset, NY 11030

Case has been transferred to Rahman as he has a spill adjacent to this site. 04/30/07 AES was retained to prepare a Phase II report. The site has a single-story concrete and brick building. The site is a "E" designated site. One UST existed on site and has been removed. One test pit (8–10') was excavated on north side of the lot. Three other soil borings were conducted at three different locations. Eight soil samples were analyzed for VOCs/SVOCs. No VOCs were detected above TAGM, no evidence of free product observed. There were some SVOC exceedances; compound detected are typical of historic urban fill. Comparison of the Phase II performed by AES and PW Grosser indicate that type of contaminants and concentrations are consistent. AES concluded that containants identified in Phase II investigation consistent with historic urban fill and not petroleum contamination. NFA required. Reports in edocs. (SR)

** There is an open spill case (Spill#0605974) at 204 N 11th Street, which is adjacent to this property. Mccaren Park Mews is the owner of 204 N 11th Street. **

Map Identification Number 142 **SANITATION COMPANY**
 244 SKILLMAN AVE

BROOKLYN, NY

Spill Number: 9903762

Close Date: 07/06/1999
 TT-Id: 520A-0044-681

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1986 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Citizen
 Caller Name: JAMES KAMPIL
 DEC Investigator: MCTIBBE

Spiller: SANITATION COMPANY
 Notifier Name:
 Caller Agency: CITIZEN
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 384-3441
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Unable or Unwilling RP – DEC Field Response – DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/01/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

caller states that there is a strong odor comingb from property
 caller would like a call back

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 7/1- 1:30PM CALLED KAMPIL SMELLS LIKE PAINT THINNER- GARBAGE TRUCKS ARE WASHED WITH CHEMICALS, NEIGHBOR SAID IT THE SMELL IS REALLY STRONG. WOULD LIKE SOMEONE TO LOOK AT THE PROPERTY.

NO ODORS, SKILLMAN CONTRACTING CLAIMED NOT TO WASH TRUCKS ONSITE. CALLER DOES NOT WANT TO PURSUE FURTHER.

Map Identification Number 143 **18 DIVISION PL/BKLYN**
 18 DIVISION PLACE

NEW YORK CITY, NY

Spill Number: 9103684

Close Date: 07/03/1991
 TT-Id: 520A-0044-677

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1987 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Citizen
 Caller Name: RANDALL AUSTIN
 DEC Investigator: RWAUSTIN

Spiller: GOODMAN BARREL CO
 Notifier Name:
 Caller Agency: NYSDEC
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 482-4933
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/28/1991	07/03/1991	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

REQUEST BY ASSEMBLYMAN LENTOL'S ON SPILL EVENT AT ABOVE SPILL LOCATION, NEIGHBORS OF SITE CONCERNED AS TO WHAT HAPPENED, DEC (AUSTIN) GOT REPORT FROM NYCDEP (HERNANDEZ).

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
 07/03/91: FIRE STARTED OUTSIDE BLDG THAT MELTED TWO DRUMS OF MURIATIC ACID, SPILL CONTAINED ON PROPERTY & CLEANED UP BY RESPONSIBLE PARTY, INFO CONVEYED TO ASSEMBLYMAN'S OFFICE.

Map Identification Number 144 **GOODMAN BROT STEEL DRUMS**
 18 DIVISION ST

BROOKLYN, NY

Spill Number: 0109317

Close Date: 02/13/2003
 TT-Id: 520A-0044-688

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1987 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAME Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: CRAIG GOODMAN Caller Agency: GOODMAN BROTHERS STEEL DR Caller Phone: (718) 782-3027
 DEC Investigator: SMSANGES Contact for more spill info: CRAIG GOODMAN Contact Person Phone: (718) 782-3027

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/20/2001		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTEWATER	OTHER	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

WHILE DOING MAINTAINCE ON A PUMP APPROX 1 QT OF WASTE WATER LEAKED
 OUT – ALL MATERAL CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
 ADMINISTRATIVE CLOSURE – AUSTIN

Map Identification Number 145 **GOODMAN BROT STEEL DRUMS** **Spill Number: 0109316** **Close Date: 07/07/2003**
 18 DIVISION PL BROOKLYN, NY TT-Id: 520A-0044-676

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1987 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAME Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:
 Caller Name: CRAIG GOODMAN Caller Agency: GOODMAN BROTHERS STEEL DR Caller Phone: (718) 782-3027
 DEC Investigator: SMSANGES Contact for more spill info: CRAIG GOODMAN Contact Person Phone: (718) 782-3027

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/20/2001		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	3.00	GALLONS	3.00	GALLONS	SOIL

Caller Remarks:
 WHILE DOING ROUTINE MAINTAINCE ON COMPRESSOR 2-3 GAL OF MOTOR OIL SPILLED FROM MACHINERY

DEC Investigator Remarks:
 Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"

Map Identification Number 146	MANHOLE 16282		Spill Number: 9902735	Close Date: 05/18/2000
	IFO 288 NO 8TH ST	BROOKLYN, NY		TT-Id: 520A-0044-449

MAP LOCATION INFORMATION	ADDRESS CHANGE INFORMATION
Site location mapped by: MANUAL MAPPING (3)	Revised street: IFO 288 N 8TH ST
Approximate distance from property: 2011 feet to the SW	Revised zip code: 11211

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name:	Notifier Phone:
Caller Name: STEVE ROMERO	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/09/1999		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS 2 GALLONS ON 15 GALLONS OF WATER. CON ED #125460.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

approx 2 gallons unknown oil on 15 gallons water in mh. Results: 7ppm, cleanup complete and tag removed. Incident is closed.

Map Identification Number 147 **CON ED VAULT #4233** **Spill Number: 0400590** **Close Date: 07/16/2004**
 JACKSON/KINGSLEY BROOKLYN, NY TT-Id: 520A-0042-700

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2021 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: JACKSON ST / KINGSLAND AV
 Revised zip code: 11211

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: ERT DESK – CON ED VAULT #4233	Spiller Phone: (212) 580-8383
Notifier Type: Responsible Party	Notifier Name: BILL MURPHEY CON ED	Notifier Phone: (212) 580-6763
Caller Name: BILL MURPHEY CON ED	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: SKARAKHA	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/19/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

vault contains a oil transformer but unsure if that is where it is coming from: unsure amount and how it happened: vault was smoking, historic pcb is 10parts per million from 1985: on 500 gallons of water

DEC Investigator Remarks:

e2mis no. 152970:

FOUND 50 GALLONS OF UNKNOWN OIL ON 500 GALLONS OF WATER IN V4233.

AT THIS TIME OIL APPEARS TO BE CONTAINED. THERE WAS SOME SMOKE WHEN ARRIVED ON LOCATION BUT SINCE THEN HAS STOPPED. THERE IS A SEWER CONNECTION (VIA SUMP PUMP) AND SUMP PUMP WAS NOT RUNNING. NO SAMPLE WAS TAKEN AT THIS TIME UNTIL UNIT COMES OFF, AND AT THAT TIME SAMPLE WILL BE TAKEN FROM UNIT. HISTORICAL RECORDS

INDICATE 10.PPM 1985 AND MANUF IS G.E. UNABLE TO DETERMINE WHAT THE CAPACITY IS AND WILL PRESSURE TEST ONCE FEEDER COMES OFF. THIS JOB WILL BE TREATED AS A 50-499 CLEANUP.

ENGINEERING RECORDS INDICATE DRAINAGE IS SEWERED.

PALLADINO REPORTS ONE PURE LIQUID SAMPLE TAKEN FROM STRUCTURE.

Lab Sequence Number: 04-02955-001 Aroclor 1260 441.5 ppm

QC ID: 07-200404181147 Second Sample TOTAL PCB 371 ppm

4/21/04 18:07 HRS. -- A. ADLER, O.S. BROOKLYN/QUEENS EQUIPMENT GROUP, REPORTS TRANSFORMER IS REMOVED.

4/21/04 19:50 HRS. -- A. ADLER OF EQUIPMENT GROUP REPORTS STRUCTURE DOUBLE WASHED WITH BIOGEN 760 & SLIX BY R. ESPONDA. TAG REMOVED. JOB 100% COMPLETE.

Map Identification Number 148 **NYS DOT – BQE**
 **KINGSLAND & MEEKER AVES**

BROOKLYN, NY

Spill Number: 9502369 **Close Date: 05/25/1995**
 TT-Id: 520A-0042-819

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2022 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: KINGSLAND AV / BROOKLYN QUEENS EXWY
 Revised zip code: 11222

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: MRS. HAWKINS
 DEC Investigator: MMMULQUE

Spiller: NO SPILL
 Notifier Name:
 Caller Agency: NYCDEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 595-6700
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/25/1995	05/25/1995	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CITIZEN STATED DRUM IS LEAKING UNKNOWN CHEMICAL AT INTERSECTION – TRY CALLING THE CITIZEN AND THERE WAS NO ANSWER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"

Map Identification Number 149 **MANHOLE 4939**
 **564 METROPOLITAIN AVE**

BROOKLYN, NY

Spill Number: 9901889 **Close Date: 10/18/1999**
 TT-Id: 520A-0047-067

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2061 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: 564 METROPOLITAN AVE
 Revised zip code: 11211

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: SAME	Notifier Phone:
Caller Name: FRANK MASSERIA	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: SAME	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/18/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

con ed #124959 spill in manhole pending cleanup

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

Approx 1 gallon unknown fluid on approx 15 gallons water in mh, 564 Metropolitan ave, does not look like oil contained, does not see any sewer connection– cant tell if there is a sump due to water. Sees just primary cable in structure no joint regulator. He called chem lab and they're on their way to take 2 samples id and pcb. Color of water is brownish color and is poamy.

<1ppm pcb

unknown liquid: 1 gal

pcb 1ppm

AROCLOR 1242 1PPM

AROCLOR 1254 1PPM

AROCLOR 1260 1PPM

<1.0 PPM CLEANUP COMPLETE AND TAG REMOVED. Incident is closed.

Map Identification Number 150 **MONITOR ST & DRIGGS AVE**
 MONITOR ST & DRIGGS AVE

BROOKLYN, NY

Spill Number: 9203429

Close Date: 06/29/1992
 TT-Id: 520A-0038-085

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2062 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: MONITOR ST / DRIGGS AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Other
 Caller Name: C SCHUBERT
 DEC Investigator: MCTIBBE

Spiller:
 Notifier Name:
 Caller Agency: US GEOLOGICAL SURVEY
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (516) 938-8830
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/15/1992	06/29/1992	UNKNOWN	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

Caller Remarks:

OBSERV. WELL SITE IS UNDER LARGE PLATE OF ASPHALT AND COMBINING IS MARKEL TO SHOW SITE SITE IS ACROSS STREET FROM P.S. 110 K-3260 IS WELL NUMBER -LOCAL IDENTIFIER DEC FIELD OFFICE WAS NOTIFIED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"

Map Identification Number 151 **MANHOLE 4376 AND BEDFORD**
 AVE AND LOROMIER AVE

BROOKLYN, NY

Spill Number: 9914569

Close Date: 03/27/2002
 TT-Id: 520A-0050-307

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2069 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: BEDFORD AVE / LORIMER AVE
 Revised zip code: 11222

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: SAME	Notifier Phone:
Caller Name: JAY FOX	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: JAY FOX	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/24/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
OTHER PETROLEUM	UNKNOWN	1.00	GALLONS	0.00	GALLONS	

Caller Remarks:

the have a 2 quart oil spill in thier manhole oil is sitting on water.con ed 130553

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 152	MH 4374	Spill Number: 0007726	Close Date: 12/13/2001
	NASSAU AV/LAURAMAR AV	BROOKLYN, NY	TT-Id: 520A-0042-593

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2069 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: NASSAU AV/LORIMER ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: CHRIS HOGAN	Notifier Phone:
Caller Name: RICHARD ROACH	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/01/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SOIL
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

133705 sample taken clean up pending

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #133705 Notes:

10-1-00 Found 2 pints unknown oil on 200gal water mixed with several gallons human waste. Chem Lab results returned <1ppm PCB. Environmental Operations reports cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment.

Map Identification Number 153 **AUNT HEDDY'S BAKERY** **Spill Number: 0608858** **Close Date: 10/04/2007**
 234 NORTH 9TH STREET BROOKLYN, NY TT-Id: 520A-0048-950

MAP LOCATION INFORMATION: Site location mapped by: PARCEL MAPPING (2) Approximate distance from property: 2092 feet to the WSW
 ADDRESS CHANGE INFORMATION: Revised street: NO CHANGE Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SHARISSA SINGH – AUNT HEDDY'S BAKERY Spiller Phone: (212) 594-8140
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: JBVOUGHT Contact for more spill info: SHARISSA SINGH Contact Person Phone: (212) 594-8140

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/01/2006		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

DURING SOIL AND GROUNDWATER SAMPLING, CONTAMINATED SOIL AND GROUNDWATER WAS DISCOVERED AT THIS LOCATION:

DEC Investigator Remarks:

city "E" designation

Phase 2 done found petroleum contaminated soil & water.

No petroleum tank on site.... probably from a neighbor

Geo Environmental has been hired by the potential purchaser of the site. They are VERY actively trying to resolve the environmental issues so they can move on with rehabing the existing building on the site. There will be limited excavation on the site, mostly in the basement to accommodate new footings to allow additional floors to be added to the existing building. Week of 11/20 Geo Environmental will be doing additional soil borings in the area to identify the source of on site contamination.

03/13/07-Vought-File review by Vought:

Revised Remedial Action Workplan (GZA Geoenvironmental-Sharissa Singh-212-594-8140). "The existing building will not be demolished but renovated to accommodate residential condominiums". Petroleum contamination result of "migration from upgradient property (a former gasoline service station)". Site was formerly used as bakery building. Existing foundation systems are to remain in place. "In addition a new self leveling concrete slab will be poured on top of the existing slab to further protect and seal the occupants from the subsurface contamination". "...a sub-surface ventilation system will be installed". NYCDEP Innocent Taziva required excavation of B6, however GZA feels excavation is not warranted at this location. Proposal to excavate soils around B2. NYCDEP also required sub-slab contamination system however GZA feels sub-slab is not warranted. Sub-slab depressurization system pilot test performed to determine radius of influence. One AST on-site (possibly 275-gallon) #2 fuel oil. "...soil exhibiting petroleum odors at 4-6 feet below the basement slab". Groundwater flow to the southwest. Fill material below site("sand, silt, brick and glass) may be contributing to SVOCs. Petroleum odors also noted in B6 at 6-8' below grade. Indoor air samples were also collected from inside residence. ROI pilot test for SSDS show 29' radius of influence. Air monitoring plan will be implemented during construction. Excavation of soils around B2 "will extend into the soil horizon until no visual evidence of petroleum contamination is noted (approximately 1 foot into the groundwater table)". AST will be removed from basement. Indoor air concentrations of VOCs do not exceed the background levels of VOCs in homes studied by NYSDOH and USEPA. Remedial action report will be submitted. Soil analyticals show: 38500ppb toluene(B2 4-6'bg), 57200ppb ethylbenzene(B2 4-6'bg), 141600ppb xylene(B2 4-6'bg), 519000ppb 1,2,4-trimethylbenzene. Groundwater at depth of approximately 4-6'. Groundwater

analyticals show: 7ppb naphthalene(MW2), 6ppb tert-butylbenzene(GW2), 17ppb sec-butylbenzene(GW2), 17ppb n-butylbenzene(GW2). As per Singh no signs of leaks at ASTs and all supply/return lines were above ground. Refuel obtained immediately downgradient from gasoline station.

Vought called NYCDEP Wuthenow (718-595-4426).

DEC requires: 1) sub-slab depressurization system 2) collection of endpoint samples and analysis for 8260/8270 3) installation of four monitoring wells (three in adjacent sidewalk and on offsite adjacent to suspected source) and determination of groundwater flow direction 4) investigation of offsite gasoline source that is under construction as per Singh.

03/14/07-Vought-Performed site visit to offsite former gasoline station as per Singh, Building removed from site and soil excavated down to approximately 4' below grade. Piles began to be driven into soil. No signs of petroleum odor or staining. Possibly one remote fill port on sidewalk of building. Building address as per work permits is 66 Roebling Street. Inspection of PBS database and spills database show no records for this address. Spills database shows former spill closed by DEC Carlson (#0503901) with some residual soil contamination left in place (210ppb benzene WC12, 1700ppb xylene WC12 both at depths of 2-4' below grade). Vought called GZA Singh and requested that she return call with source of information that site was formerly gas station. Property Shark database shows building was formerly three story brick warehouse. Stop work order placed on property fence from DOB. No site activity or personnel at time of visit. Information for suspected gasoline station at 63 Roebling:

Owner/Developer: Roebling Park LLC
320 Roebling Street #316
Brooklyn, NY 11211

DOB Emergency Contact: 718-802-3687

Contractor: YBG Construction of New York
Issac Schwartz
199 Lee Avenue Suite 617
718-782-1018 fax 718-782-1482
Empire Pile-718-241-3900

Vought called DOB and they do not have case in database. Vought called Issac Schwartz and left message that continued construction may cause health impacts without proper investigation and remediation (if applicable). Vought also explained that if callback was not received then both DEP and DOB would be contacted. Vought called Empire Pile and left message to return call. Vought called DEP Wuthenow and he will return call with E designation of site. Vought received callback from DEP Wuthenow who indicated that site was E designated.

3/15/07-Vought-Received call from Issac Schwartz. As per Schwartz work has stopped due to illness of contractor. Issac stated that RAP was sent to DEC Walsh and DEC Brezner. Vought discussed installation of monitoring wells, necessity of vapor barrier and possibly further investigation/remedial action.

03/16/07-Vought-Received call from Issac Schwartz (917-282-6071 office: 718-218-8330) and Kris Almskog-PW Grosser (631-589-6353). As per Kris previous finding shows groundwater flow direction in opposite direction as GZA flow direction. Vought discussed Waste Characterization Report for former gasoline station site and soil sample analyticals. Vought also provided name and number for Sharissa Singh to PW Grosser so split sampling and witnessing of well installation/determination of flow direction could be

documented by both parties. Required them to contact Department when drilling date is scheduled so site visit may be performed.

3/20/07–Vought–Spoke to DEC Walsh and he never received report nor knew of site. Vought called Schwartz and left message to resend report as none was on file with the DEC.

03/20/07–Vought–Spoke to Schwartz and he will contact PW Grosser for copies of RAP. Received message from Schwartz that PW Grosser will be sending in RAP.

05/16/07–Vought–Complete File Review by Vought:

Phase I & Phase II Environmental Site Assessment Report (GZA)–10/16/06. Purpose of Phase II was to investigate the presence of Little E Designation by NYCDEP. Site is occupied by Aunt Heddy's Bakery. Two (275–gallon) ASTs in basement. Four soil borings performed on 9/20/06. Groundwater at depth of 9–10' bgs. "Additionally visual and olfactory evidence of petroleum–like contamination were noted in B–1, B–2 and B–4." "Based upon the above findings GZA concludes that a petroleum release at an adjacent or upgradient property has resulted in contamination of the groundwater beneath the site". "GZA recommends that a sub–slab depressurization system be installed at the Site...". Soil analyticals show: Soil analyticals show: 38500ppb toluene(B2 4–6'bg), 57200ppb ethylbenzene(B2 4–6'bg), 141600ppb xylene(B2 4–6'bg), 519000ppb 1,2,4–trimethylbenzene. Groundwater at depth of approximately 4–6'. Groundwater analyticals show 22ppb acenaphthene.

Sampling and Analysis Plan (GZA) submitted to NYCDEP Heath–11/7/06. Proposal for GPR survey to find buried tanks and lines, the installation of four soil borings in the basement, collection of soil samples from under basement slab to a depth of 6' below slab and collection of three groundwater samples from site, five wells in sidewalks to determine possible offsite contributions and determination of groundwater flow. Plan shows same boring well locations as those in 10/16/06 report without soil or groundwater analyticals.

Remedial Action Workplan (GZA)–1/9/07. Show additional groundwater analyticals of 6ppb tert0–butylbenzene(GW2), 17ppb sec–butylbenzene(GW2) and n–butylbenzene(GW2)

Letter from DEP Wuthenow to GZA Singh–1/25/07. "Based on our review of the submitted documentation, DEP finds the RAP inadequate. The petroleum impacted soil detected around soil boring B–6 must be removed and disposed of in accordance to all applicable federal, state and local regulations. DEC should be notified of the petroleum release".

Revised Remedial Action Workplan (GZA Geoenvironmental–Sharissa Singh–212–594–8140)–2/9/07. "The existing building will not be demolished but renovated to accommodate residential condominiums". Petroleum contamination result of "migration from upgradient property (a former gasoline service station)". Site was formerly used as bakery building. Existing foundation systems are to remain in place. "In addition a new self leveling concrete slab will be poured on top of the existing slab to further protect and seal the occupants from the subsurface contamination". "...a sub–surface ventilation system will be installed". NYCDEP Innocent Taziva required excavation of B6, however GZA feels excavation is not warranted at this location. Proposal to excavate soils around B2. NYCDEP also required sub–slab contamination system however GZA feels sub–slab is not warranted. Sub–slab depressurization system pilot test performed to determine radius of influence. One AST on–site (possibly 275–gallon) #2 fuel oil. "...soil exhibiting petroleum odors at 4–6 feet below the basement slab". Groundwater flow to the southwest. Fill material below site("sand, silt, brick and glass) may be contributing to SVOCs. Petroleum odors also noted in B6 at 6–8' below grade. Indoor air samples were also collected from inside residence. ROI pilot test for SSDS show 29' radius of influence. Air monitoring plan will be implemented during construction. Excavation of soils around B2 "will extend into the soil horizon until

no visual evidence of petroleum contamination is noted (approximately 1 foot into the groundwater table)". AST will be removed from basement. Indoor air concentrations of VOCs do not exceed the background levels of VOCs in homes studied by NYSDOH and USEPA. Remedial action report will be submitted. As per Singh no signs of leaks at ASTs and all supply/return lines were above ground. Refusal obtained immediately downgradient from gasoline station.

Letter from DEC Vought to Chris Horrigan–3/13/07. Letter sent requiring: 1)collection of soil samples from excavation 2)installation of SSDS system 3)delineation via installation of monitoring wells (three wells on sidewalk adjacent to site and one well by suspected offsite source of contamination".

Email from DEC Vought to GZA Singh–3/14/07. Excavation will occur to water table and since soil source will be removed vapor barrier only required (SSDS not required). Vought also required installation of monitoring wells and sent her requirements for installation of vapor barrier as per NYSDOH specs.

Email between Vought to GZA Singh–3/15/01. Singh identified suspected source site as 55–63 Roebling which was formerly used as filling station. Vought called Wuthenow and left message to return call and repeated requirement to install soil and groundwater borings in sidewalk of suspected source at 55 Roebling.

Final Remedial Action Workplan (GZA Singh)–3/20/07. "The existing building will not be demolished but renovated to accommodate residential condominiums". "The petroleum contamination encountered beneath the slab of the building is characterized as residual contamination and is the result of migration from an upgradient property". New concrete slab will be poured on existing slab to "further protect and seal the occupants from the subsurface". Remedial action includes excavation of soil at SB–2 and collection of endpoint soil samples, installation of a 10 mil vapor barrier, delineation via installation of off–site and on–site monitoring wells. Report maintains that contamination observed in B2 at 4'6"bg due to capillary fringe contamination from groundwater table. Three borings installed in sidewalks (two on Roebling St and one on North 9th Street). SSDS pilot test was also performed on 1/4/06 showing effective ROI of 29'. Air monitoring plan will be implemented during excavation activities. Indoor and outdoor air quality samples were collected and show VOCs below NYSDOH background concentrations. GZA also performed risk for vapor intrusion as per EPA Guidance and no significant risk. Plan also includes installation of four monitoring wells and determination of groundwater flow as required by NYSDEC. GZA will send in Remedial Action Report (RAR) with remedial actions at site submitted to DEC and DEP.

Email from GZA Singh to DEC Vought–4/2/07. Notice that drilling will proceed on 4/5 and 4/6 and request if anything was heard from owner of 55–63 Roebling.

DEC requires: 1)vapor barrier installation 2)collection of endpoint samples and analysis for 8260/8270 3)installation of four monitoring wells(three in adjacent sidewalk and on offsite adjacent to suspected source) and determination of groundwater flow direction 4)investigation of offsite gasoline source that is under construction as per Singh 5)cc to DEP.

05/17/07–Vought–Called Sharissa to approve Final Remedial Action Work Plan and to inquire about submission of results for sidewalk borings mentioned in same Plan. Vought spoke to Sharissa and soil was excavated to groundwater and endpoint samples were collected and results were received from lab and have not been examined to date. Four wells were installed and they were sampled for soil and groundwater and report will be sent to DEC. Soil and groundwater results show no contamination in front of 55–63 Roebling Street. Excavation will be backfilled, vapor barrier will be installed and new slab will be poured. DEC will send response letter once RAR is received and DEC will require quarterly groundwater sampling for one year. Vought instructed Singh to file FOIL request for info on 55–63 Roebling.

10/05/07–Vought–Reviewed Remedial Action Report (GZA Cela) dated September 2007 and received on 09/24/07. Building being redeveloped as residential condominiums. Soil was excavated and endpoint samples were collected. Vapor barrier was installed in two parts, "The first membrane was installed over the excavation after backfilling. The second membrane was installed over the existing slab and beneath the 4–inch thick self–leveling concrete slab." Four additional monitoring wells were installed. Groundwater at depth of 6' below grade and flows to the north–northwest. Four additional soil borings were performed in surrounding sidewalks and converted into groundwater monitoring wells. Borings showed fill material to depth of 8' below and clayey silt below. "The absence of physical evidence of petroleum contamination in boring B–1 (which was installed at 55–63 Roebling Street) indicated that the source of the contamination was not likely the upgradient, former gasoline station". ASTs were also removed from basement as site will be using natural gas. Soil was excavated to depth of 1.5' below the water table and final depth of excavation was 3.5 to 4 feet below the basement slab. Six tons of soil were removed from the site. Four soil sidewall samples were collected. Soil analyticals show minor dibenzo(a,h)anthracene exceedence (PAH) up to 88ppb attributable to fill material. Groundwater analyticals show 8ppb acenaphthene. No further groundwater monitoring required due to non–detect VOCs in past two groundwater sampling events. Vought sent No Further Action letter with cc to NYCDEP. Spill closed by Vought.

Map Identification Number 154 **SHELL** **Spill Number: 9110815** **Close Date: 06/09/2005**
 2 BUSHWICK AVENUE BROOKLYN, NY TT–Id: 520A–0051–721

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2099 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: 2 BUSHWICK AVE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION Spiller: SHELL OIL Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: J BYRNES Caller Agency: HANDEX Caller Phone: (516) 752–7878
 DEC Investigator: KMFOLEY Contact for more spill info: Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/1992		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE MTBE (METHYL–TERT–BUTYL ETHER)	PETROLEUM HAZARDOUS MATERIAL	–1.00 0	POUNDS UNKNOWN	0.00 0	POUNDS UNKNOWN	GROUNDWATER

Caller Remarks:

PRODUCT IN SITE WELL MW3. WAS SULLIVAN SPILL. RE ASSIGNED TO MULQUEEN 4/18/95. SHELL ADDRESSING PROBLEM AT SITE, SEE FILE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"
SITE IS NOW AN AMOCO, OWNED NY WOLF PETROLEUM, PBS #2-1904112.

DTW:22-24': GWF:NE. PRODUCT IN MW-2 AND MW-3.

8/5/99 mtg: EnviroTrac will review and submit all historical data related to this site going back to the early 1990's.
EnviroTrac will also review the contamination in well #3 and propose a clean up system (possibly biological)

11/03 Reassigned from Sangesland to K Foley.

11/20/03 E-mail from Steve Sangesland to Rob Rule: "It requires opening up a new spill for Amoco before closing out the old Shell spill case for the site. I believe Shell has made it's case that the present problem is due to Amoco's action, but Kerry will need to take action on it."

2/4/04 Spoke to Rob Rule. Requested he send actual historic concentration data. Data from post-1999 is indicative of a new release, however Shell needs to prove their case that concentrations were decreasing toward and close to groundwater standards. Rob indicated they have previously tried to come to an agreement with Wolf Petroleum but had no response.

2/6/04 Received email from P. Sherwood, Phoenix Environmental. He attached copy of 6/6/03 letter to S. Sangesland requesting closure. Shell sold property to Wolf in April 1992. A product recovery pump and SVE system were operated by Shell from 1993 to 1994 to address residual hydrocarbons. Groundwater sampling continued until January 2000. Samples were collected and analyzed for VOCs and SVOCs in February 2003.

From July 1990 to February 1998, MTBE concentrations in on-site wells MW-2 and MW-4 ranged from non-detect to 986ppb.

From February 1999 to February 2003, MTBE concentrations in wells MW-2 and MW-4 ranged from 619ppb to 34,400ppb. Highest concentrations of MTBE in wells MW-2 and MW-4 were 34,400ppb and 23,300ppb, respectively.

From 1990 to 1991, MTBE concentrations in MW-3 ranged from 24,400ppb to 26,000ppb. Product was detected intermittently in MW-3 from 1991 to 2003. On March 30, 1998 product was not present and a groundwater sample was collected with MTBE conc at 3,990ppb. In the most recent groundwater sampling results of MW-3, collected in 2000, MTBE ranged from 181,000ppb to 842,000ppb.

In 1990 and 1991, groundwater samples were collected from MW-1 and analyzed for MTBE. Concentrations ranged from 1,600ppb to 24,000ppb. MW-1 was destroyed in 1993. MTBE concentrations in MW-1 appear to be a minor spike, localized to the tank field area. This is supported by the fact MTBE concentrations in downgradient well MW-2 ranged from 14ppb to 986ppb until 1999, when concentrations increased significantly.

6/8/04 Meeting with Shell. They agreed to keep monitoring gw until legal issues have been resolved with Wolf for spill #0330060. DEC expects resolution in 6-12 months.

11/23/04 Met with P. Sherwood, B. Hoashi(Phoenix) and R. Rule(Shell). Samples collected 8/30/04 showed 0.38' free product in MW-3. BTEX ranged from 3ppb(MW-2) to 20ppb(MW-4). MTBE from 18ppb(MW-2) to 251ppb(MW-4). Requesting closure due spill under new owner.

See spill #0330060.

NYSDEC FALL 1998 MTBE SURVEY INFORMATION FOR 9110815

Maximum MTBE concentration: 2200.0 PPB Current MTBE concentration: 47.0 PPB
 BTEX offsite: No

Source of MTBE		Number of private drinking water wells impacted: 0
		Number of public water supply wells impacted: 0
Steel Underground Storage Tank -		Number of private drinking water wells impacted: 0
Fiberglass Underground Tank -		Number of replacement wells drilled: 0
Aboveground Storage Tank -		Number of water main extensions: 0
Piping - X		Number of water main hookups: 0
Source not identified -		Number of residences provided w/ bottled water: 0
Other source -		Number of people affected: 0

Indoor Air Impacts : No
 Aquifer Impacts : No

Ongoing remediation: Yes

Monitoring Frequency
 Monthly - Quarterly - Semi-annual - Annual - Other -

Remedial Action used
 No Action -

Groundwater		Soil
Pump and Treat -		Soil Vapor extraction -
Air sparging -		Excavation and disposal - X
Bioreactor -		Bioremediation -
Natural attenuation -		Low temp thermal desorption -
Oxygen injection -		Oxygen injection -
Biosparging -		Other -
Dual phase extraction -		
Other - X		

Mr. Simon Dushinsky
Hope Street Holdings
39 Hayward Street
Brooklyn, NY 11211

01/30/08 I inspected the site this morning, met PW Grosser rep Fred Barilla. He indicated that one 1,000 gallon tank, partially buried was removed from the SE corner of the site. PW did not witness the tank removal but there was few inches of sludge at the bottom of the tank. Soil excavation is being done today at the former tank location, contaminated soil discovered at the tank bottom. I did smell petroleum at the excavation area and recommended covering of the stockpiled soil to prevent spreading odor. I also told them to collect soil sample from the bottom of the tank excavation to characterize the soil. There was no liquid product observed at the excavation hole during my visit, but later on, I got a call from Fred Barrilla saying that they discovered free product at the hole after my departure. I strongly recommended to take pictures, samples of the product from the hole. Fred said air monitoring is being done continuously and actions will be taken as per health and safety plan previously submitted to DEC. There are two other spots where they found anomaly on GPR survey on the site. (SR)

*****The site is designated with a Hazardous Materials "E" (E-138) as part of the Greenpoint-Williamsburg Rezoning Action (CEQR#04DCP003K)*****

02/20/08 Preliminary Phase II was done in September 2006. Five soil borings were performed. Elevated VOCs and SVOCs were detected in soil and ground water. PW Grosser performed supplemental investigation in October 2007. Several elevated VOCs were identified at B 14, several SVOCs were also identified above RSCOs limit across the site. Three ground water samples were collected from B12, B15 and B16. VOCs in ground water were within the NYSDEC GQS. In January 2008 investigation, Area of B-14 (Center of the site) has elevated VOCs along the south wall and excavation bottom at north side. Recent VOCs in end point soils are: Benzene 500 ppb, Ethylbenzene 8900 ppb, m+p-Xylene 30,000 ppb, n-Propylbenzene 16000 ppb, Isopropylbenzene 7400 ppb; VOCs concentration in ground water are: Benzene 110 ppb, Isopropylbenzene 300 ppb, Naphthalene 1800 ppb, Ethylbenzene 69 ppb, 1,2,4 Trimethylbenzene 590 ppb, p-Isopropyltoluene 1200 ppb, n-Butylbenzene 1200 ppb. End point samples along N 9th street will be collected, was not taken due to additional excavation. Soil and GW testing at western side of the excavation also required. RAP and Phase II report are in the file. Case referred to Remediation section for further management. (SR)

02/25/2008: This spill case was transferred to A. Doronova. AD

Spoke with F. Barilla of PWG and scheduled site visit for Friday, February 29, 2008.

02/29/2008: Visited the site with J. Kolleeny. Fred Barilla of PWGC and David Yedelson (attorney) met us at the site. They showed property grounds with three areas of concern. There are some high hits of petroleum contamination in groundwater sample from test pit TP-3 (few thousand ppb), no soil analytical data was available for this boring. Also some elevated levels of VOCs and SVOCs were detected in the Excavation pit B14 (Benzene - 110ppb) It was agreed that the consultant will provide DEC with a work plan for some additional groundwater delineation through installation of a few GW wells and to include in this plan some remedial actions such as: RegenOx application into the excavation pits and excavation of the soil in the area of test pit TP-3. AD

03/07/2008: Received a copy of work plan from F. Barilla of PWG. Will review. AD

03/10/2008: Reviewed the work plan. Monitoring wells locations have to be changed. Spoke with F. Barilla of PWG. Asked him to relocate the wells and indicate on the site diagram extend of excavation.

Amar Nagi of DEC requested preparation of the STIP for this site to ensure implementation of the required by DEC investigative and remedial actions. AD

03/11/2008: Prepared the STIP with a cover letter and CAP. Spoke with F. Barilla of PWG. Informed him about DEC decision to issue the STIP and additional requirements to the investigation plan. Faxed him the site diagram with locations for four more wells. Sent the STIP to Mr. Simon Dushinsky of the Rabsky Group, LLC. with cc: J. Kolleeny – DEC; F. Barilla – PWG and file. AD

03/13/2008: Spoke with D. Yedelson. He was disagree with Paragraph 3 in STIP. I referred him to J. Urda of DEC. Spoke with J. Kolleeny regarding this site. AD

03/14/2008: D. Yedelson sent an email to Ms. Suzanne Y. Mattei of DEC with request to schedule a meeting. AD

03/25/2008: Spoke with D. Yedelson. He would like to schedule a meeting with DEC regarding Paragraph 3 in Stipulation Agreement. AD

03/28/2008: D. Yedelson copied me an email he sent to Ms. Mattei of DEC with request of time extension to execute the stipulation until the issue with Paragraph 3 in STIP will be resolved. Forwarded his email to John Urda of DEC, because of legal issues involved. Spoke with J. Urda. AD

04/03/2008: Received a copy of email from D. Yedelson to Ms. Mattei of DEC in which he states that his client will submit the requested remedial and investigatory work plan today and Mr. Yedelson is scheduling the field work. STIP was not signed yet. Forwarded this email to J. Urda of DEC. AD

04/07/2008: Received a Supplemental Investigation Workplan from PWG. Spoke with J. Urda. AD

04/09/2008: Spoke with J. Urda and L. Oliva of DEC regarding submitted investigation work plan. They confirmed that I can review the work plan and issue an approval letter if applicable, without signed STIP. AD

04/14/2008: Sent an approval letter to Mr. Dushinsky of Rabsky Group, LLC.(owner). (cc: J. Kolleeny–DEC; F. Barilla–PWG; eDocs). Spoke with Fred Barilla of PWG, to make sure they will collected soil samples from soil borings. AD

Received an email from F. Barilla of PWG.

05/02/2008: Spoke with D. Yedelson regarding backfilling of the excavation pit. They plan to do it on Monday, May 5, 2008. Will visit the site prior the backfilling. AD

05/05/2008: Visited the site with J. Kolleeny of DEC. Met with F. Barilla of PWG and D. Yedelson. Newly installed monitoring wells were surveyed and sampled. GW labresults are not ready yet. End–point soil samples results from excavation around TP–3 did not indicated VOC concentrations above required standards. Approved to backfill excavation pit in the vicinity of TP–3. Asked to collect six additional individual end–point soil samples from the excavation pit along 9th street and along the night club building. Requested to submit a summary report with conclusions and recommendations. AD

05/14/2008: Received hard copies of laboratory results. Will review. AD

08/14/2008: Called and left a message to F. Barrila regarding the report submission. AD

09/16/2008: Received a Spill Closure report. Will review. AD

10/01/2008: Spoke with Fred Castellano of PWG, asked him to submit PDF copy of the report. AD

10/06/2008: Received requested CD with the report. Was not able to DL it to eDocs due to oversized format. AD

10/10/2008: Reviewed the report. Some data is missing. Called and left a message to F. Castellano regarding re-submission of CD. AD

10/14/2008: Called and spoke with Cris of PWGC regarding new PDF copy of the report and some missing data (analyticals for end-point samples SW-1B through SW-4B, and map with location of soil samples CS1 through CS-7). He said that requested data will be submitted in a few days. AD

10/17/2008: Received a phone call from Z. Youngman of PWGC. He sent CD with PDF copy of the report today with some changes. We will receive it probably Monday, Oct. 20. AD

10/21/2008: Received a reduced size PDF copy of the spill closure report. DL to eDocs. A requested summary table with results for samples SW-1 through SW-4 was presented. Regarding samples CS1 through CS-7 Mr. Youngman explained that they were collected for waste soil characterization. AD

10/22/2008: Discussed the site with J. Kolleeny of DEC. Issued a NFA letter addressed to Simon Dushinsky of Hope Street Holdings. (cc: J. Kolleeny-DEC, D. Yudelson - attorney, Zeb Youngman-PWGC, file). This decision was made based on submitted analytical data and remedial actions performed at the site. In addition, this site is listed as "E" restricted by NYCDEP, so future mitigation work such as:

- removal of any additional contaminated soil found during pre-construction excavation at the site;
- installation of vapor barrier beneath new slab;
- installation of sub-slab depressurisation system;

will be required at the site by the NYCDEP in conjunction with the construction of the proposed building. AD

Map Identification Number 156



SERVICE VS5743

BEADEL ST/DEBEVOISE ST

BROOKLYN, NY

Spill Number: 9814654

Close Date: 03/11/1999

TT-Id: 520A-0051-767

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2107 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: BEADEL ST / DEBEVOISE AV

Revised zip code: 11222

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CON EDISON	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name: ZAMBRIO	Notifier Phone:
Caller Name: MIKE CESARE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info:	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/09/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 OUNCE IN VAULTED SERVICE BOX – CASE #123525 –

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 DEC Inspector notes:

3/10/99 1427: emailed ERT's for e2mis reports.

Con ed e2mis #123525 notes:

A. LOSCHIAVO #38089 OS NETWORK REPORTS IN VS5743 S/S BEADEL ST 220' E/O DEBEVOISE ST HE FOUND APPROX 1 OZ UNKNOWN FLUID ON 30 GALLONS OF WATER. FLUID WAS UNDIAPERABLE. HE PRESSURE TESTED TRANSF AND FOUND NO LEAKS. NO OTHER OIL FILLED EQUIPMENT IN STRUCTURE. HOLE CONTAINED, NO SEWER CONNECTION OR SUMP PUMP IN HOLE. THERE IS A SUMP IN HOLE. NO SEWERS OR WATERWAYS AFFECTED. HE FOUND UNKNOWN FLUID WHILE INSPEC TRANSF ON FDR. 5B23 OUTAGE. SAMPLE TAKEN 4-6 HRS PRIORITY FOR RESULTS AND E.S.TAG #08236 WAS PLACED. WAITING RESULTS FOR CLEANUP. NO PARKING TUES AND FRIDAY 11 AM TO 2 PM CIG M.CESARE NOTIFIED 1357 HRS

3-9-99 20:05 HRS LAB SEQ# 99-02483 <1.0 PPM.

@ 00:12 HRS 10/03/99 F. DELLATORRE REPORTS CLEANUP COMPLETED USING SLIX & STOP TAG # 82336 REMOVED.

Map Identification Number 157 **105 BEDFORD AV**
 105 BEDFORD AVENUE

BROOKLYN, NY

Spill Number: 9711671

Close Date: 05/01/1998
 TT-Id: 520A-0048-951

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2130 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 105 BEDFORD AV
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Affected Persons
 Caller Name: STEVE ADAMS
 DEC Investigator: MCTIBBE

Spiller: UNK
 Notifier Name: STEVE ADAMS
 Caller Agency:
 Contact for more spill info: STEVE ADAMS

Spiller Phone:
 Notifier Phone: (718) 349-8253
 Caller Phone: (718) 349-8253
 Contact Person Phone: (718) 349-8253

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/25/1997		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PAINT	OTHER	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

OLD PAINT FACTORY AT LOCATION IS BEING DEMOLISHED. SOIL SAMPLES WERE TAKEN IN NOVEMBER THAT SHOW CONTAMINATION FROM THE PAINT INGREDIENTS. DEMOLITION COMPANY IS WASHING DOWN THE SIDEWALKS AND SPREADING THE CONTAMINATION INTO THE SEWER SYSTEM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE" REFERED TOM HAZ WASTE REMEDIATION.

Map Identification Number 158 **NEW APT BLDG/FORMER PAINT FACTORY**
 95 BEDFORD AVENUE
 BEDFORD AND NORTH 12TH STREET

, NY

Spill Number: 1001766

Close Date: 05/17/2010
 TT-Id: 520A-0252-629

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2130 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: jbvought	Contact for more spill info: CELEST OKALI	Contact Person Phone: (347) 672-6059

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/14/2010		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
METALS	OTHER	0	UNKNOWN	0	UNKNOWN	SOIL, SEWER

Caller Remarks:

UNKNOWN CHEMICAL LIQUID LEAKING FROM TWO RED TANKS ON A CONSTRUCTION SITE, POSSIBLY FLOWING INTO STORM DRAINS.

DEC Investigator Remarks:

5/14/10-Vought-Secondary off hours responder and received intial call from hotline as DEC Zhune not available. Vought called and spoke to NYCDEP Celeste Oloke (Cell:347-672-6059) and spill coming from leaking dewatering system that is used to dewater a site where an apartment building is being constucted at the location of a former paint factory. Celeste indicated he received calls from concerned neighbors who knew the industrial nature of the site and were concerned about the discharge effluent impacting the sewer system. Oloke noted that no sheen or petroleum odors were associated with the leaking effluent and that DEP Hazmat was formerly onsite. Oloke also indicated that site did have a NYCDEP discharge permit. Oloke indicated that site owner was lised at 95 Bedford LLC. Contact information on site fence is:

NGI Construction
718-782-4624

Vought googled site address and noted "blogs" of concerned neighbors regarding possible contamination issues at the site and also noted that the Site is a listed EPA RCRA Site. Contact as per EPA database is Sheya Ruttner (Ph:718-782-4624).

5/17/10-Vought-As per DEC Zhune, she spoke with NYCDEP Oloke who returned to site on night of 5/14 and discharge pipe was repaired. Spill closed by Vought as non-petroleum spill and repair of leaking dewatering discharge line. Vought noted that site was E designated and called NYCDEP Dan Cole (Ph:212-341-0964) who noted that he was case manager on site and that site was heavily contaminated with metals and SVOCs. Cole noted that majority of contaminated soil removed from site and that letter was sent to NYCDEP Nagi dated 4/8/08 notifying him of excessive metal concentrations and requiring further guidance. As per Cole he received call from former DEC Chawla noting that if Cole wished to list site as Hazardous Waste site then he should do so. Cole noted that prior soil concentrations of metals onsite were up to 5400ppm arsenic and very high lead levels. Cole also noted that case was being managed by Environmental Business Consultants (Charlie Sosik 631-504-6000). DEC Austin called and left message for DEC BSHM Paul John to return call.

DEC possibly requires:

- 1)referral to DEC Remediation or RCRA Unit
- 2)followup and possible closure of spill 0808463
- 3)possible report submission by EBC Sosik
- 4)Discussion with DEC nagi.

Map Identification Number 159 **EIGHT GAL XFMR LEAK IN MANHOLE #1706** **Spill Number: 0707397** **Close Date: 12/28/2007**
 155 NORTH 11 ST (AT BEDFORD AVE). BROOKLYN, NY TT-Id: 520A-0210-594

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2130 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: 155 N 11TH ST
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN NAME – CON EDISON Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: gdbreen Contact for more spill info: ERT DESK' MIKE DAUGHTERY Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/04/2007		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	8.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

8 gal. of unknown oil found in a transformer manhole. Clean up is pending test results. No to the five questions. ConEd#208389

DEC Investigator Remarks:

12/28/07 – See eDocs for Con Ed report detailing cleanup and closure.

208389. see eDocs

Map Identification Number 160 **MH4940**
 LORIMER ST/DEVOE ST

BROOKLYN, NY

Spill Number: 0006690

Close Date: 11/26/2001
 TT-Id: 520A-0038-743

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2150 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: MARK SCHLAGEL
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR ZAMBRIO
 Caller Agency: CON EDISON
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/06/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

300 gals water in mh. no sewers or waterways

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #133224 Notes:

9-6-00 1pt unknown oil on 300gal water in amnhole. Only oil filled equipment in hole is cable. Liquid sample taken returned <1ppm PCB.

12-20-00 Flush employee reports cleanup complete, no sump in structure. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment.

Map Identification Number 161 **MANHOLE #4382**
 640 MANHATTAN AVE

BROOKLYN, NY

Spill Number: 9911493

Close Date: 02/15/2002
 TT-Id: 520A-0042-467

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2164 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: RICHARD ROACH
 DEC Investigator: CAENGELH

Spiller: UNKNOWN - UNKNOWN
 Notifier Name: RICHARD ROACH
 Caller Agency: CON EDISON
 Contact for more spill info: RICHARD ROACH

Spiller Phone:
 Notifier Phone: (212) 580-6764
 Caller Phone: (212) 580-6763
 Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/03/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 gal unk oil on 100 gals of water - sample taken clean up pending lab results
 con ed #129466

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"

Map Identification Number 162 **HYDRO TECH**
 170 NORTH 11TH STREET

BROOKLYN, NY

Spill Number: 0508858

Close Date: 01/25/2007
 TT-Id: 520A-0040-743

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2208 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
 Notifier Type: Responsible Party
 Caller Name: MARK ROBINS
 DEC Investigator: rmpiper

Spiller: MARK ROBBINS – HYDRO TECH
 Notifier Name: MARK ROBINS
 Caller Agency: HYDRO TECH
 Contact for more spill info: MARK ROBBINS

Spiller Phone: (631) 462-5866
 Notifier Phone: (631) 462-5866
 Caller Phone: (631) 462-5866
 Contact Person Phone: (631) 462-5866

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/25/2005		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SOIL SAMPLES CONTAINED PAH

DEC Investigator Remarks:

Nov 7, 2005
 A "Contaminated Soil Letter" was sent to:

Selim Akyuz P.E.
 Kiska Construction Corp
 181 North 11th- St, Suite 302
 Brooklyn, NY 11211

12/12/05-Vought-Reviewed Remedial Action Plan (HydroTech 631-462-5866) dated 11/8/05 and received on 11/18/05. Site labelled by DEP as E designated site (#05DEPTECH063K). "The RAP documents the proposed screening segregation and disposal of contaminated soil from the site during to future site development. NO VOCs on site and SVOCs "appear related to urban fill material". Soil will be segregated on PID basis. Endpoint samples will be collected, "as per DER-10 samples will be obtained for every 30 linear feet of sidewall and every 950 square feet of bottom". DEC requires: 1)submission of detailed soil description of endpoint

samples 2)submission of endpoint analyticals to the Department 3)installation of vapor barrier. Vought sent letter approving of RAP pending inclusion of above requirements.

3/15/06–Vought–Spoke with Rachel (Hydrotech) and excavation was performed and elevated levels PAH's. Report will be submitted to DEC.

05/17/06–Vought–Spill transferred from DEC Vought to DEC Piper as per DEC Austin.

5/19/06– DEC Piper reviewed vapro barrier specification and they are acceptable providing they follow the manufacturers specs.

DEC Piper reviewed report. As per report, approx 43 tons of soil were removed,. Enpoints revealed no VOC's above RSCO's and low levels of SVOC related to urban fill. A vapor barrier was placed and the area was backfilled. Piper looked at historical sanborns, as per maps , there were AST in vicinity of property though no UST and underground piping. This area has isolated xontamination through historic use. This spill is closed,.

Map Identification Number 163

W OF ROBLING AV
N 8TH ST

BROOKLYN, NY

Spill Number: 9814263

Close Date: 04/02/1999
TT-Id: 520A-0050-180

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2226 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: 11211

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: TONY CONSTATINE
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name: MR WAYNEWRIGHT
Caller Agency: CON EDISON
Contact for more spill info:

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/26/1999		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PINT OF UNK OIL (TM69) WAS INADVERTENTLY SUCKED UP INTO A FLUSH TRUCK – 123305 IS CON ED REEF # – TRUCK IS BEING QUARANTINED IN YARD

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con ed e2mis notes:

Approx 1 pt unknown oil mixed with 4 cubic feet of dirt from floor of TM. No oil remaining in TM. I&A networks pressure tested and checked oil level of TM-- no leaks and oil level okay. Truck was quarantined in the 3rd ave yard. One sample oil and dirt sent to chem lab.

Results water <1.00ppm.

W.Tudy Env. ops reports <1.0 ppm cleanup complete and tag removed. Incident is closed.

Map Identification Number 164 **MAN HOLE #4934** **Spill Number: 0004891** **Close Date: 10/23/2001**
 UNION AVE / KEAP ST BROOKLYN, NY TT-Id: 520A-0038-057

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2266 feet to the SSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNKNOWN – UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: TONY LOPEZ	Notifier Phone: (212) 580-6763
Caller Name: TONY LOPEZ	Caller Agency: CON EDISON	Caller Phone: (212) 580-6764
DEC Investigator: JHOCONNE	Contact for more spill info: TONY LOPEZ	Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/24/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

con ed # 132535 spill confined in man hole clean up pending lab results spill on surface of 60 gallons of water

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Con Ed e2mis Notes:

7/24/00 1/2pint unknown oil on 60gal water in manhole. One liquid sample taken. Cleanup treated as 50-499ppm. Sample returned <1ppm. Water was pumped into tanker. 1 barrel solid waste removed. Manhole double washed with slix. Wash water pumped into tanker. No earthen sump.

Map Identification Number 165

MH 225

AINSLIE ST/LEONARD ST

BROOKLYN, NY

Spill Number: 0000119

Close Date: 01/17/2002

TT-Id: 520A-0038-637

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2269 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: MARK SCHLAGEL
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN
 Notifier Name: MR WAYNWRIGHT
 Caller Agency: CON EDISON
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone: (212) 580-6763
 Caller Phone: (212) 580-6763
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/04/2000		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

no sewers no waterways 130734

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
 Con Ed e2mis #130734 Notes:

4-4-00 1000hrs

4qts unknown oil on top of mud in manhole 225. Sample will be taken.

5-5-00 LSN 00-03255 <1ppm PCB

7-12-00 1030hrs

Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

Map Identification Number 166

VACANT LOT



165 NORTH 10TH ST

BROOKLYN, NY

Spill Number: 0601688

Close Date: 03/28/2008

TT-Id: 520A-0048-058

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2280 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name:
 DEC Investigator: VXBREVDO

Spiller: SELIN AKYUZ – KISKA CONSTRUCTION
 Notifier Name:
 Caller Agency:
 Contact for more spill info: RACHEAL ATAMAN

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (631) 462-5866

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/15/2006		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SOIL SAMPLE FAILURE. CLEAN UP IS NOT IN PROCESS.

DEC Investigator Remarks:

Contaminated Soil Letter sent to:

Kiska Group
Mr. Selin Zkyuz
170 North 11th St
Brooklyn, NY 112

05/24/06 Sharif Rahman– Rec'd Phase II report prepared by Hydro Tech Environmental, Corp. The site is a NYCDEP 'E' designated site. Borings were installed to investigate the subsurface soil and ground water quality. High concentration of VOC's (SP: Benzene–84,200 ug/kg, Toluene–79,900 ug/kg, Ethylbenzene–51,700 ug/kg, Xylene, Naphthalene–5,180,000 ug/kg) and SVOC's are present in soil and ground water (Benzene– 402ug/L, Toluene– 112 ug/L, Ethylbenze– 26.6 ug/L, Naphthalene–727 ug/L). Visual and olfactory evidence of petroleum was also identified in soil probes. Presence of significant level voc's/svoc's warrants long term soil and ground water remediation. Consultant recommended for excavation of the contaminated soil and injection of ORC to treat impacted ground water.
Case has been transferred to Remediation Section B.

6/21/06 – Tang, reviewed site assessment report dated 5/3/06 by HydroTech. GW impact is minimal. Bulk of the contamination is in soil. Since this is an "E" designated site by NYCDEP and DEP has already approved a work plan to excavate the contaminated soil, DEC will not require GW remedy. Spoke to Kathy DeVoe of HydroTech, informed her to submit the end point sampling results after all the contaminated soil are excavated. Will track this as a P3 site. – KST

9/11/06 – HydroTech, Kathy DeVoe wrote: "We will be starting the field work at the above referenced Site on Monday, September 18, 2006. We are expecting the field work to last approximately 3 days. If there is any change in the scheduling I will let you know." – KST

Map Identification Number 167**IFO HOUSE**

143 AINSLIE ST

BROOKLYN, NY

Spill Number: 9905189**Close Date: 09/28/1999**

TT–Id: 520A–0047–066

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2293 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: RESIDENCE Spiller Phone:
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:
 Caller Name: ANONYMOUS Caller Agency: CITIZEN Caller Phone: (000) 000-0000
 DEC Investigator: HUANG Contact for more spill info: Contact Person Phone:

Category: Investigation indicates there was no spill.
 Class: Any Type of RP, Including No RP – DEC Field Response – Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/30/1999		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reports sewage coming from property listed above, has been going on for over 1 month.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 168 **STAR SOAP AND CANDLE CO.** **Spill Number: 0706592** **Close Date: 09/13/2007**
 304 NORTH 7TH STREET BROOKLYN, NY TT-Id: 520A-0037-679

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2303 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: WINSTON Spiller Phone: (516) 779-7922
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: WINSTON Caller Phone:
 DEC Investigator: hrpatel Contact for more spill info: WINSTON Contact Person Phone: (516) 779-7922

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/13/2007		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

WHILE PUMPING OUT WATER FOUND OIL MIXED IN:

DEC Investigator Remarks:

09/13/07–Hiralkumar Patel. spoke with Joe. they were hired by Mr. Winston to pump out water from basement of commercial building. during pumping, they found about 10 gal of oil on top of water. as per Joe, it could be #2 oil but due to mix with debris, it look like #6 oil.

all cleaned up.

PBS #: 2–236594

Perry Finkelman **property owner**
 American Development Corp.
 Ph. (718) 377–0106 (O)
 (516) 770–9004 (C)

Winston Wilson **property manager**
 Ph. (516) 779–7922 (C)

found another spill cases reported for same site: 0706476 & 0706478.

refer to spill #: 0706476.

Map Identification Number 169



STAR SOAP AND CANDLE CO.

304 NORTH 7TH ST

BROOKLYN, NY

Spill Number: 0706478

Close Date: 09/13/2007

TT–Id: 520A–0037–673

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2303 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: STAR SOAP AND CANDLE CO. Spiller Phone: () -
 Notifier Type: Local Agency Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: rmpiper Contact for more spill info: JOHN WILSON Contact Person Phone: (718) 595-4784

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/10/2007		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	500.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NEW OWNERS ARE THE AMERICAN DEVELOPEMENT GROUP LLC. #516-565-5600; UNSURE WHEN THE SPILL OCCURED BUT IT WAS NOTICED TODAY; NO CLEAN UP AT THIS TIME; ALSO SOME DRUMS FOUND ON PROPERTY;

DEC Investigator Remarks:

refer to spill #: 0706476.

Map Identification Number 170 **310 N 7TH ST** **Spill Number: 0510912** **Close Date: 12/19/2005**
 310 N 7TH ST BROOKLYN, NY TT-Id: 520A-0046-202

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2303 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: STAN GUREWICH - GUREWICH, STAN Spiller Phone: (212) 722-4583
 Notifier Type: Fire Department Notifier Name: BENETATOS, ANYTONIO Notifier Phone: (718) 476-6288
 Caller Name: BENETATOS, ANYTONIO Caller Agency: FDNY Caller Phone: (718) 476-6288
 DEC Investigator: JXZHAO Contact for more spill info: CAPT CORRADO Contact Person Phone: (718) 476-6288

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/17/2005		UNKNOWN	YES		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spill in basement from oil tank .

DEC Investigator Remarks:

Spill was contained – Zhao said case closed

Map Identification Number 171 **VACANT/ COMMERCIAL**
 506 DRIGGS AVE

BROOKLYN, NY

Spill Number: 0712729

Close Date: 04/11/2008
 TT-Id: 520A-0215-867

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2367 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name:
 DEC Investigator: rvketani

Spiller: VACANT/ COMMERCIAL
 Notifier Name:
 Caller Agency:
 Contact for more spill info: MICHAEL BORELLO

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (917) 217-7334

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/04/2008		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PESTICIDES	OTHER	0	GALLONS	0	GALLONS	SOIL

UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL
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Caller Remarks:

semi-volatile MATERIAL AND PESTICIDES; SOIL SAMPLE RESULTS; CLEAN UP PENDING FURTHER INVESTIGATION;

DEC Investigator Remarks:

Consultant was hired to do a Phase 2 on this property for City "Little e" designation. They found small amounts of SVOC and Pesticides in shallow soil borings (2ft depth)

3/5/08 – Raphael Ketani. I looked up the site in the PBS, but it wasn't listed. The block and lot are 2312 and 22. According to ACRIS, the owners are Tadeusz and Krystina Zablocki, 75 Berry Street, Brooklyn, 11211–1917, and Michael Lichtman, 132 Greene Street, New York, 10013.
The environmental company is Environmental Building Solutions. The contact is Michael Borello (917) 217–7334.

I sent a CSL to the owners.

3/11/08 – Raphael Ketani. Today I received a letter from Joseph Horowitz, PE, 76–06 137 St., Flushing, 11367 ((718) 544–5105). The letter stated that a Phase II was currently taking place. Previously, a Phase I was performed for the site and submitted and approved by NYC DEP. NYC DEP is involved because the site has an "E" designation. Mr. and Mrs. Zablocki plan to construct a four story building. The building will require a foundation which is 10 feet deep. Excavation will be at least to a depth of 10 feet. Clearance sampling will take place and the remediation work will be incorporated into the construction work. Mr. Horowitz stated that DEC will get a copy of the Phase II ESA and the Phase III Work Plan. Mr. Horowitz stated that he, Mr. and Mrs. Zablocki, Michael Borello, Principal, Environmental Building Solutions, LLC, 295 Madison Avenue, Suite 1826, NY, 10017, and Innocent Taziva, NYC DEP ((718) 595–3585) should all be copied on any correspondence from DEC.

The NYC DEP reference number is 08DEPTECH159K/04DCP003K.

3/12/08 – Raphael Ketani. I left a message for Mr. Horowitz that the DEC would like the contaminated soil to be removed immediately and that we would like the end point soil sample analytical results.

Mr. Horowitz called me back. He said that the site is half an open yard and half a garage. He said he is waiting for the necessary permits to demolish the garage. Otherwise, they can't move forward. He said that the owners are as anxious as DEC to move forward and get rid of the contaminated soil. Groundwater samples were taken and he is waiting to receive the analytical results.

3/18/08 – Raphael Ketani. Today I received the Phase I for the site from Mr. Horowitz. I reviewed the document. The entire document was lightly reproduced as it may have been printed from a copy of a copy of the Phase I document. The pages in appendices IV and V were too light to read. However, these were mostly maps and neighboring property descriptions, respectively. I had no other comments regarding the Phase I.

3/24/08 – Raphael Ketani. I received a call today from John Zablocki, one of the owners (646) 361–6839. He said that the engineer he had hired was billing him for "all kinds of things." He also wanted to know if he needed to contact DEC before doing the site

excavation for the contaminated soil. I told him he didn't have to wait for DEC's approval, but he would need to provide DEC with documentation that he had characterized the soil, and had sent it to the appropriate disposal site. I added that DEC would also need manifests for the loads of soil. I told him that soil borings would have to be taken to delineate the extent of the contamination, unless he already knows this. I told him that DEC had already received some information regarding the level of the contamination. He asked whether he can take the soil samples himself in order to save money. I told him he could and I explained the entire process of soil contamination delineation, sending the samples to a laboratory, submitting a soil sampling plan to be approved by DEC before the work starts, the analytical methods to be used and other details. In the end of our 45 minute conversation, I informed him that hiring an environmental professional, particularly a person with a PE might be the best way to go, even if it is expensive. I told him that this person will know what to do and the ins and outs of the process. I added that the bank may cut his funding if a PE doesn't oversee the job. I told him to be careful as regards what he does with his project. He said he plans on building a 6 family apartment building. I told him that he should be very careful that the work is done properly. He thanked me for all of the information and the conversation ended.

3/26/08 – Raphael Ketani. I received the (Draft) Subsurface Soil and Groundwater Investigation report dated 3/13/08 from Environmental Building Solutions, LLC. I reviewed the report.

I finished my review of the report. The soil analyticals showed that there were hits for SVOCs in the soil. These were the combustion series of analytes in the 0' to 2' sample and the 14' to 16' sample for B3. There were low level exceedences of TAGM for the 0' to 2' sample. Only a small number of hits were present in the other samples. The samples were almost entirely non-detect for SVOCs. Almost all of the samples were also non-detect for VOCs. Most of the hits were in B-2 in the 0' to 2' sample. The groundwater sample had only some low level SVOC exceedences of TAGM.

The boring location map shows that the drilling sites were widely spaced. I wrote a letter to Mr. Horowitz stating that there should be more borings.

3/27/08 – Raphael Ketani. I spoke to Mr. Horowitz (718) 544-5105 about the site. He said that the Zablockis received the DEC letter requesting 3 additional borings and soil samples. He said that he doesn't want to try to do the borings and get the analytical results for the soil samples as this will take a lot of time. He said that the City program they are involved with gives them a tax break for constructing on their property, but only if they have the foundation under construction before the end of June 2008. He said that what DEC is asking for will take too much time. He said that all of the soil will be dug up anyway and handled as hazardous material due to the pesticide hits. I told him that is fine, but DEC still doesn't know what the subsurface conditions are.

I told him that the site is 100 feet long and that 3 borings are just not enough to characterize the subsurface. I told him that he doesn't have to go down any further than 15 feet and that the analytical results just need to show the 12 most common VOCs and the 12 most common SVOCs. I told him that there are dozens of environmental and remediation companies and that someone has to have equipment available to do a few borings on short notice. He said that he will call me back later.

Mr. Horowitz called a half hour later and asked how many soil samples would be needed. I told him to send off the 3 dirtiest ones. He said nothing is really dirty. I told him that is fine. He asked that he be allowed to order testing via STARS for VOCs and SVOCs. I told him that will be fine. He said that he will talk to the Zablockis and get back to me.

Later, Mr. Horowitz sent me an e-mail memorializing the agreement between him, the Zablockis, and DEC. The agreement stated in the e-mail is: borings will take place March 31 or April 1, 3 borings opposite the existing locations will go down to 16', the

dirtyest sample will be collected, analyses will be done via STARS methods 8260 and 8270, results will be presented in an Addendum to the Phase II.

4/1/08 – Raphael Ketani. Mr. Horowitz sent me an e-mail containing a DRAFT letter for Mr. Taziva of NYC DEP. He asked me to comment on the parts of the letter mentioning correspondences between him and me. The statements regarding the correspondences appeared accurate. I made a copy of the DRAFT letter and put it in the paperfile. His DRAFT letter also mentions that the 3 additional borings were performed on April 1, 2008 and soil samples were sent to the laboratory for 24 hour turn around.

4/4/08 – Raphael Ketani. Today I received the final Subsurface Soil and Groundwater Investigation report dated March 13, 2008 from Mr. Horowitz. The report was accompanied by a cover letter to Mr. Taziva of DEP dated 4/2/08. The cover letter states that a vapor barrier will be installed. The report did not include the soil analyses for the 3 additional borings that were requested by DEC. I had no comments regarding the letter, nor the report.

4/8/08 – Raphael Ketani. I received the analytical results for the 3 additional borings that were performed. The respective samples were B-6, B-7, and B-8. All of the results for VOCs and SVOCs were completely non-detect.

I spoke to Mr. Horowitz regarding the analytical results. I asked him why the numbering order goes 6, 7, and 8. He said that he was just following the numbering system from the previous reports. He said that no samples were missing. I asked him why the analytical sheets say that the sample type is "GRAB" when they are supposed to be the soil cores. He said that the samples are from the soil borings.

4/9/08 – Raphael Ketani. Yesterday, I received the Subsurface Soil Investigation Addendum dated 4/4/08 from Mr. Horowitz. I reviewed the document. The analytical results for borings B-6, B-7, and B-8 were the same as the ones I had previously reviewed on 4/8/08.

However, borings B-1 and B-3 were in different locations than in the 3/13/08 report. Also, the Addendum depicts boring B-4 at the location of B-2 and boring B-5 is at the location of B-3. The Addendum puts B-3 at the location of B-1 of the 3/13/08 report. Additionally, I never received the analyticals for B-4 and B-5. I tried to contact Mr. Horowitz to discuss this, but could only leave a message.

4/10/08 – Raphael Ketani. Mr. Borello of Environmental Building Solutions, LLC (646) 290-5925, exr 25 called me back. He said he was sorry for the confusion. He e-mailed me the three different site plans showing the different stages and placements of the series of borings and the well. He also e-mailed me the analytical results for 3 composite samples that were taken to characterize the soil. The analytical results were mostly non-detect with only a handle of low hits of SVOCs.

4/11/08 – Raphael Ketani. Mr. Horowitz sent me the entire analytical package from Environmental Testing Laboratories for the 3 composite samples, along with copies of the Chain of Custody Forms and the 3 different boring location site plans. I reviewed the package and had no comments.

Based upon the analytical results in the March 13, 2008 Phase II, the analytical results in the Addendum to the Phase II dated April 4, 2008, and the April 10, 2008 soil characterization testing results package, I am closing the spill case.

I sent an NFA letter to Mr. Horowitz, with a c-c to Innocent Taziva of DEP.

Map Identification Number 172 **19 NASSAU AVE./CORNER OF**
 19 NASSAU AVE

BROOKLYN, NY

Spill Number: 8706359

Close Date: 10/26/1987
 TT-Id: 520A-0049-163

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2392 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 19 NASSAU AVE.
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: Citizen
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: TEXACO/594 JAM. AVE.REALT
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/26/1987	10/26/1987	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

COMPLAINT OF PERIODIC FIRES OCCURRING AT GASOLINE TANK IN AN ABANDONED GAS STATION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "

Map Identification Number 173 **VAULT TM613**
 HUMBOLDT ST. AND NASSAU A

BROOKLYN, NY

Spill Number: 0412597

Close Date: 06/20/2005
 TT-Id: 520A-0044-667

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2420 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: HUMBOLDT ST / NASSAU AVE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN VESSEL	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: RON ELLIOTT	Notifier Phone: (212) 580-8383
Caller Name: RON ELLIOTT	Caller Agency: CON ED	Caller Phone: (212) 580-8383
DEC Investigator: JHOCONNE	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/28/2005		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

1/2 A QUART OF UNKNOWN OIL IS THE PRODUCT: LAB SAMPLE WAS TAKEN. CON ED#157399

DEC Investigator Remarks:

e2mis no. 157399:

2-28-05 09:57HRS P. GENOVESE 05276 (FOD) REPORTS, FOUND 1/2 QUART OF UNKNOWN OIL ON 100 GALLONS OF WATER. AT THIS TIME OIL APPEARS TO BE CONTAINED. OIL WAS DISCOVERED WHILE PHASE CHECKING FOR FEEDER 5B21. ENV STOP TAG 40699 WAS PLACED, AND CAN NOT DETERMINE OR VERIFY IF THERE IS ANY SEWER CONNECTIONS OR SUMPS BECAUSE OF THE AMOUNT OF OIL IN STRUCTURE. ONE LIQUID SAMPLE WAS TAKEN ON A E PRIORITY AND CLEANUP PENDING LAB SAMPLE. HISTORICAL RECORDS INDICATE 1 PPM, 8-25-2001. NETWORK WAS NOTIFIED TO PRESSURE TEST AND WILL SEND FIRST AVAILABLE CREW TO LOCATION.

Lab Sequence Number: 05-01716-001
 Date Approved: 2/28/2005
 PCB Analysis by EPA 608/8082

TOTAL PCB < 1.0 ppm

2/28/05 = 16:30 Hrs = Env Ops Supv C. Fernandez reports that due to excessive burnouts and no lights Networks was not able to send a crew to pressure test the unit. A tentative meet was set up for 7:00 AM with Networks.

3-4-05 20:15HRS K. DOWNEY (NET) REPORTS, PRESSURE TESTED UNIT AND PASSED.

UPDATE 05-MAR-2005 10:30 HRS.

ENVIR. OPER. MECH-A A.GLOWDOSKI EMP# 18711 REPORTS: ASTORIA TANKER REMOVED 1200 GALS OF LIQUID FROM STRUCTURE. ALL DEBRIS REMOVED WITH VACTOR. DBL. WASHED STRUCTURE WITH BIO-GEN 760. NO SUMP IN STRUCTURE . ENVIR. TAG# 40699 REMOVED

Map Identification Number 174 **CON EDISON MANHOLE 12371** **Spill Number: 0911638** **Close Date: 02/23/2010**
 53 DIVISION PLACE BROOKLYN, NY TT-Id: 520A-0249-085

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
 Approximate distance from property: 2435 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 53 DIVISION PL
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNK OIL ON TOP OF WATER Spiller Phone:
 Notifier Type: Other Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: ConEd Unassigned Contact for more spill info: ERT Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/01/2010		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	OTHER	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

10 gallons of unk oil found mixed with water in soil. Clean up pending at this time.

DEC Investigator Remarks:

02/23/10 - See eDocs for Con Ed report detailing cleanup and closure.

2/10/10-Vought-Off hours responder. Spill assigned to DEC Feroze as part of routine Con Ed portfolio review and possible closure. Initial EMIS #220079 entered into UIS Cross Reference Field. Initial report downloaded into Edocs and deleted from Proxy.

Map Identification Number 175 **ONE QT OIL FOUND IN MANHOLE #2694**
 DEBEVOISE & JACKSON STREETS

Spill Number: 0700409
 BROOKLYN, NY

Close Date: 05/23/2007
 TT-Id: 520A-0051-744

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2439 feet to the E

ADDRESS CHANGE INFORMATION
 Revised street: DEBEVOISE AVE / JACKSON ST
 Revised zip code: 11211

Source of Spill: UNKNOWN	Spiller: UNKNOWN - CON EDISON	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: gdbreen	Contact for more spill info: ERT DESK MIKE DAUGHTERY	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/12/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:
 one quart of unknown oil on 25gal. of water in a manhole. Clean up is in progress. ConEd#205348

DEC Investigator Remarks:
 05/23/07 - See e-docs for Con Ed report detailing cleanup and closure.
 205348.000

Map Identification Number 176 **SERVICE BOX 12690**
 206 KINGSLAND AVE

Spill Number: 0008346
 BROOKLYN, NY

Close Date: 05/07/2001
 TT-Id: 520A-0051-773

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2448 feet to the NE

ADDRESS CHANGE INFORMATION
 Revised street: 206 KINGSLAND AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: MR DONATONE	Notifier Phone:
Caller Name: STEVEN ROMERO	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: KMFOLEY	Contact for more spill info: STEVEN ROMERO	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/17/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 QT OF PRODUCT ON 200 GALS WATER SAMPLE TAKEN CLEAN UP PENDING RESULTS – CON ED 133965

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
 DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT 10-17-00

1 qt. of unknown oil on 200gals. of water in SB 12690. It appears to be contained, no sewers or waterways affected.

10-18-00

Lab results returned <1ppm Lab#00-09996

1-14-01, 1105hrs.

Cleanup complete, no sump in structure, Env. tag #26528 removed.

1215hrs.

Cleanup completed by double washing structure with slix. Liquids were removed using coagulant and diapers. No leaking company equipment. Incident closed.

Map Identification Number 177 **MANHOLE 4935**
 MANHOLE 4935
 UNION AVE/DEVOE STREET

, NY

Spill Number: 9910034

Close Date: 03/29/2002
 TT-Id: 520A-0051-728

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2463 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: UNION AVE/DEVOE STREET
 Revised zip code: 11211

Source of Spill: UNKNOWN	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: DON HERBST	Notifier Phone: (212) 580-6763
Caller Name: RICHARD ROACHE	Caller Agency: CON EDISON	Caller Phone: (212) 580-6766
DEC Investigator: COMENALE	Contact for more spill info: CALLER	Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/18/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller reporting 1 pint of material on 30 gal of water clean up pending lab results coned#129034 no callback necessary

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 178 **TRAFFIC ACCIDENT**
 MEEKER AVE/METROPOLITAN A

BROOKLYN, NY

Spill Number: 0702380

Close Date: 05/29/2007
 TT-Id: 520A-0050-811

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 2471 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: MEEKER AVE / METROPOLITAN AVE
 Revised zip code: 11211

Source of Spill: PASSENGER VEHICLE Spiller: BRIAN SCOTT – BRIAN SCOTT Spiller Phone: (917) 880-7354
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: jbvought Contact for more spill info: FF SANACORE Contact Person Phone: (347) 203-6886

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/28/2007		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

CALLER REPORTS SPILL DUE TO VEH RUNNING OVER OBJECT ON THE BROOKLYN QUEENS EXPRESSWAY PUNCTURING THE GAS TANK. SPILL HAS BEEN CONTAINED AND IN THE PROCESS OF BEING CLEANED UP. SPILL DID INFILTRATE THE STORM SEWER SYSTEM.

DEC Investigator Remarks:

05/29/07-Vought-Spill cleaned by FDNY Hazmat using absorbent material and tank was also pumped by Hazmat and gasoline was disposed of by tow truck company. DEP notified with respect to impact to sewer. Spill closed by Vought due to no impact to soil and/or groundwater.

Map Identification Number 179 **SUBWAY TRACKS-NYCT** **Spill Number: 9800896** **Close Date: 02/15/2008**
 257 NORTH 6TH ST BROOKLYN, NY TT-Id: 520A-0046-973

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2471 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: JOHN RILEY – NYC BOARD OF EDUCATION Spiller Phone:
 Notifier Type: Local Agency Notifier Name: NYC TRANSIT AUTHORITY Notifier Phone: (718) 927-7373
 Caller Name: RONALD LOCHAN Caller Agency: NYC DEP Caller Phone: (718) 595-4724
 DEC Investigator: MCTIBBE Contact for more spill info: RONALD LOCHAN Contact Person Phone: (718) 595-4724

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/01/1998		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNDERGROUND TANK FROM BOARD OF EDUCATION BELIEVED TO HAVE LEAKED
 IN AREA OF SUBWAY. BILL MATHESON SUPERINTENDANT HAS BEEN CONTACTED ALSO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 10/3/03 – AUSTIN – TRANS. FROM HALE TO TIBBE – END

02-15-08: According an e-mail from NYCT Liz Deluca, the area was inspected and no product was found.

Map Identification Number 180



CAMPBELL RESIDENCE

120 BEDFORD AVE

BROOKLYN, NY

Spill Number: 9702730

Close Date: 08/15/2005

TT-Id: 520A-0045-068

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2473 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: 120 BEDFORD AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Affected Persons
 Caller Name: KEITH CAMPBELL
 DEC Investigator: JLDYBER

Spiller: UNKNOWN
 Notifier Name: KEITH CAMPBELL
 Caller Agency: RESIDENT
 Contact for more spill info: KEITH CAMPBELL

Spiller Phone:
 Notifier Phone: (718) 486-8446
 Caller Phone: (718) 486-8446
 Contact Person Phone: (718) 486-8446

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
06/03/1997		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER CAN SMELL AND NOTICED THAT THE SOIL ON HIS PROPERTY IS A VERY DARK COLOR – CALLER DOES LIVE NEXT TO AN INDUSTRIAL COMPLEX

DEC Investigator Remarks:

8/15/05, Dyber: No call back from Keith Campbell. Administrative closure.

8/1/05, Dyber, Left another message for Keith Campbell.

7/18/05, Dyber: Left message for Keith Campbell to see if complaint was taken care of.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
F&N Mechanical, 139 North 10th Street.

Frank Dross, manager 718-384-5751. New Owner Sanjar Raz. Mr. Poliacoff former owner.

Map Identification Number 181



LOT NEXT TO 583 DRIDGES
CRN DRIGGES AVE & 8TH

BROOKLYN, NY

Spill Number: 9904275

Close Date: 02/14/2003

TT-Id: 520A-0050-181

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 2481 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: CRN DRIGGES AVE / 8TH
Revised zip code: 11211

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: MARY SAGAN
DEC Investigator: SMSANGES

Spiller: UNKNOWN
Notifier Name:
Caller Agency: CITIZEN
Contact for more spill info: CALLER

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 388-1973
Contact Person Phone: (718) 388-1973

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/11/1999		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reports tanks leaking on site next to her residence unknown fluid believes site used to be a old autobody shop.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
SANGESLAND MADE A SITE INSPECTION ON JULY 12, 1999. THE SITE WAS AN OPEN EXCAVATION HOLE, NO EMPLOYEES ON SITE. SS WALKED DOWN TO INSPECT NEW FOUNDATION WALLS. SEVERAL OLD SMALL METAL TANKS (LIKE WELL WATER EQUIPMENT) WERE FOUND IN A PILE OF TWISTED METAL. AN AREA APPROX. 15 FEET LONG AND 5 FEET WIDE ALONG THE INSIDE OF THE WEST (DRIGGS ST) FOUNDATION WALL SHOWED AND SMELLED LIKE GASOLINE.

PROPERTY OWNER: MENDEL GOODMAN – 718–384–2124 WAS GIVEN WRITTEN INSTRUCTIONS TO HAVE THE CONTAMINATED SOIL REMOVED AND TO OBTAIN A MANIFEST SHEET FOR THE DISPOSED SOIL.

PHONE MESSAGE ON 7/15 FROM MR. GOODMAN SAID THE WORK WOULD BE DONE BY 7/21.

ADMINISTRATIVE CLOSURE – AUSTIN

Map Identification Number 182



MANHATTAN AVE & POWERS ST
MANHATTAN AVE / POWERS ST

BROOKLYN, NY

Spill Number: 9403707

Close Date: 03/06/1995
TT-Id: 520A-0039-391

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2496 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: ROB MILLER
DEC Investigator: MCTIBBE

Spiller: UNKNOWN
Notifier Name:
Caller Agency: CLEAN HARBORS
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (908) 248-1997
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
06/16/1994		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

WILL CLEAN UP THIS P.M.

DEC Investigator Remarks:

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: SLUDGE MUD. CLEANED BY NYNEX.

Map Identification Number 183 **MANHOLE 63577** **Spill Number: 0406156** **Close Date: 11/12/2004**
 NASSAU AVE/RUSSELL ST BROOKLYN, NY TT-Id: 520A-0038-191

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2517 feet to the NNE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Federal Government	Notifier Name: MR ANDERSON	Notifier Phone: (212) 580-6763
Caller Name: MARK SCHLAGEL	Caller Agency: CONED	Caller Phone: (212) 580-8383
DEC Investigator: SKARAKHA	Contact for more spill info: ERT DESK	Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/04/2004		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Contained to manhole. No to 5 questions. Default in hole. Cleanup pending lab results. Ref#155218

DEC Investigator Remarks:

e2mis no 155218

M.BUX REPORTS FINDING APPROX 1 GAL OF UNKNOWN OIL ON APPROX 15 GAL OF WATER. THE SOURCE OF THE SPILL MAY POSSIBLY BE FROM A LEAKING OIL FITTING ON A PRIMARY JOINT. ONE LIQUID SAMPLE TAKEN. CLEAN UP PENDING SAFE ACCESS AND LAB RESULTS.

LAB SEQ# 04-07055-001 91 PPM.

UPDATE 9/4/04 11:40 HRS P. GALLO U/G SUPV REPORTS NO D-FAULT ON THE JOINT.

UPDATE 9-5-04 11:30HRS

T. FERNANDEZ (ENV OPS) REPORTS, REMOVED ONE DRUM OF DEBRIS AND FOUND CEMENTED SUMP. STRUCTURE IS NOW SOAKING IN BIO GEN 760. ALSO FOUND UNDER 25' OIL SOAKED ARC PROOFING ON FEEDER.

9/04/04 = 15:00 Hrs = Env Ops Supv C. FERNANDEZ reports that after removing 2 drums of debris Underground removed oil soaked arc proofing. structure was double washed with BioGen 760 and Slix. An Astoria tanker removed a total of 325 gallons of liquid. Tag 29024 was removed and an Astoria Transportation vehicle will pick up the drums. Job is complete.

Map Identification Number 184



MANHOLE #64589
RUSSELL & NASSAU ST

BROOKLYN, NY

Spill Number: 0200410

Close Date: 10/16/2002
TT-Id: 520A-0044-665

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2517 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: RUSSELL ST / NASSAU AV
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR DONATONE	Notifier Phone: (212) 580-6764
Caller Name: SEAN MCKEEVER	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: SEAN MCKEEVER	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/11/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PINT UNKNOWN OIL ON 20 GALLONS OF WATER – CLEAN UP PENDING REMOVAL OF VEHICLE PARKED OVER MANHOLE – CON ED #142211 – TEST RESULTS 4 PPM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL" e2mis no. 142-211:

4-11-02 09:55HRS M. LOZADA (UG) REPORTS, FOUND ONE PINT OF UNKNOWN OIL ON 20 GALLONS OF WATER IN MH64589. AT THIS TIME OIL

APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. NO SEWER CONNECTION OR SUMP NOTICED. ONE LIQUID SAMPLE WAS TAKEN.

4/11/02=2220hrs LAB RESULTS RETURNED 4PPM-LSN03026

UPDATE: 4/12/02 – 2040

J. MIDDLETON – ENV. OPS., REPORTS 4 PPM CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH SLIX AND USING COAGULANTS. WASTE PRODUCT REMOVED WITH VACTOR. SUMP FOUND CEMENTED. TAG #26666 REMOVED.

Update – 4/13/02 – No leaking company equipment, incident is closed.

Map Identification Number 185

GAS STATION

445 METROPOLITAN AVE

BROOKLYN, NY

Spill Number: 9909344

Close Date: 11/02/1999

TT-Id: 520A-0051-716

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 2523 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION

Notifier Type: Citizen

Caller Name: FRANK CRAWFORD

DEC Investigator: JMROMMEL

Spiller: GAS STATION

Notifier Name: FRANK CRAWFORD

Caller Agency: CITIZEN

Contact for more spill info: UNK

Spiller Phone:

Notifier Phone: (718) 966-6109

Caller Phone: (718) 966-6109

Contact Person Phone: (000) 000-0000

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
11/01/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES TANKS ARE BEING PULLED AND STRONG ODOR OF GASOLINE IS COMING FROM THAT AREA-MATERIAL IS BEING SPILLED FROM TANK REMOVAL ALSO.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL" 11/2/99

Closed and cross-referenced to spill #9909193.

Citizen's number is incorrect.

Map Identification Number 186 **680 MANHATTAN AVE**
 680 MANHATTAN AVE

BROOKLYN, NY

Spill Number: 9415336

Close Date: 03/17/2005
 TT-Id: 520A-0041-567

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2525 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: EUGENIA RENARD
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN
 Notifier Name: NYCFD & HAZMAT
 Caller Agency: NYCDEP
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (917) 882-5464
 Caller Phone: (718) 595-6700
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/22/1995		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Unknown petroleum leaking from 300 gal tank into subway

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
 1/26/04 – Austin – due to impact to subway, transferred to Tibbe for check with NYCTA on status – may be related to spill #9813210 – end
 03/17/05: According to a NYCT e-mail dated 3/14/05, NYCT inspected the site on 3/9/05 and found the area to be clean with no signs of a spill.

Map Identification Number 187 **433 UNION AVE**
 433 UNION AVE

BROOKLYN, NY

Spill Number: 9800933

Close Date: 05/11/1998
 TT-Id: 520A-0046-728

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2527 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: DEC
 Caller Name: KEVIN HALE
 DEC Investigator: KGHale

Spiller: CUMBERLAND FARMS
 Notifier Name: KEVIN HALE
 Caller Agency: NYS DEC
 Contact for more spill info: KEVIN HALE

Spiller Phone:
 Notifier Phone: (718) 776-6080
 Caller Phone: (718) 776-6080
 Contact Person Phone: (718) 776-6080

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/21/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

contaminated soil noted during excavation - excavation will
 continue

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HALE"

Map Identification Number 188 **MANHOLE #56358**
 DIVISION PL/MORGAN AVE

Spill Number: 9812352 **Close Date: 10/17/2002**
 BROOKLYN, NY TT-Id: 520A-0039-581

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2570 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: STEVEN CRIBBIN – MANHOLE #56358	Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party	Notifier Name: STEVEN CRIBBIN	Notifier Phone: (212) 580-6763
Caller Name: STEVEN CRIBBIN	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: STEVEN CRIBBIN	Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/06/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SAMPLE WAS TAKEN – SPILL HAS BEEN CONTAINED AND PENDING LAB RESULTS WILL BE CLEANED UP ACCORDINGLY. CON ED #122262

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT" e2mis no. 122-262:

V.FAILLA # 14567 UG SPLICER SPLICING SECONDARY REPORTS FINDING IN MH56358 AN UNDIAPERABLE SHEEN OF UNKNOWN FLUID ON 1300 GALLONS OF WATER. CONTAINED TO STRUCTURE NO SEWERS OR WATERWAYS AFFECTED, LIQUID SAMPLE TAKEN WITH A 4-6 HOUR TURNAROUND & STOP TAG # 18848 PLACED. CLEANUP PENDING TEST RESULTS.

LAB RESULT RECEIVED 1/6/99 – 0901. 99-00132. <1.0 PPM.

UPDATE 1/29/99 02:30 ROSENKING FLUSH DEPT. REPORTED OIL CLEAN UP COMPLETED WITH SLIX IN MH56358 AND OIL TAG #18848 WAS REMOVED. INCIDENT IS CLOSED.

Map Identification Number 189 **MH #16092** **Spill Number: 9809860** **Close Date: 11/06/2002**
 MORGAN AVE & DIVISION PL BROOKLYN, NY TT-Id: 520A-0039-545

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2570 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: MORGAN AVE / DIVISION PL
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON ED Spiller Phone:
 Notifier Type: Responsible Party Notifier Name: MR ZAMBRO Notifier Phone: (212) 580-6764
 Caller Name: STEPHEN CRIBBIN Caller Agency: CON ED Caller Phone: (212) 580-6763
 DEC Investigator: CAENGELH Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/05/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALL REPORTING THAT 4 DROPS OF UNKNOWN OIL FOUND IN MANHOLE. CON ED TO CLEAN.
 CON ED #121067.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
 E2MIS NOTES 121067

H.TATE #74345 OS REPORTS IN MH16092 S.W.C. MORGAN AVE & DIVISION PL HE FOUND 4 DROPS UNKNOWN OIL (WAS WORKING AND OPEN MAIN JOB) ON 100 GAL OF WATER. HE DID NOT SEE ANY OIL FILL EQUIPMENT. HOLE CONTAINED AND NO SEWERS OR WATERWAYS AFFECTED. A LIQUID SAMPLE WAS TAKEN (4- 6 HRS PRIORITY) AND E.S.TAG #19417 WAS PLACED. WAITING SAMPLE RESULTS FOR CLEANUP PROCEDURES.

UPDATE 06-NOV-1998 13:45 CHEM LAB RESULTS RECEIVED SEQUENCE # 98-12215 <1PPM

UPDATE 11/9/98 =====

W.TUDY OF FLUSH REPORTS CLEANUP COMPLETE WITH SLIX AT 2200HRS. E.S.TAG#19417 REMOVED. D.HERBST 27461

Map Identification Number 190



IFO 100 MAGUNIS BLVD

BROOKLYN, NY

Spill Number: 0013237

Close Date: 06/23/2003

TT-Id: 520A-0044-924

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2572 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: IFO 100 MC GUINNESS BLVD
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Fire Department
 Caller Name: JOHN LAROCCHIA
 DEC Investigator: TJDEMEO

Spiller: STEELMAN TRANSPORTATION
 Notifier Name:
 Caller Agency: NYC FIRE HAZMAT
 Contact for more spill info: CALLER

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 476-6288
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/19/2001		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

truck was stuck in road and ran over divider to get around. ruptured tank. spill stopped and cleanup to be completed.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
 6/23/03 TJD

Street spill. Sanatation sanded roadway. No further action.

Map Identification Number 191 **535 MORGAN AVE**
 535 MORGAN AVE

BROOKLYN, NY

Spill Number: 9204995

Close Date: 09/03/1992
 TT-Id: 520A-0049-411

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)
 Approximate distance from property: 2573 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: C GJERSVIK
 DEC Investigator: MITCHELL

Spiller: BELMONT PRODUCTS INC
 Notifier Name:
 Caller Agency: CONTINENTAL BAKING CO
 Contact for more spill info:

Spiller Phone: (718) 782-3554
 Notifier Phone:
 Caller Phone: (314) 982-4894
 Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
 Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/30/1992	09/03/1992	UNKNOWN	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

Caller Remarks:

STAINED SOIL DISCOVERED DURING INSTALLATION OF UST OIL WATER SEPARATOR.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 192 **RESIDENCE**
 50 BUSHWICK AVE

BROOKLYN, NY

Spill Number: 0100016

Close Date: 04/02/2001
 TT-Id: 520A-0039-997

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2598 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: CONTRACTOR Spiller Phone: (000) 000-0000
 Notifier Type: Fire Department Notifier Name: BATT CHIEF 35 Notifier Phone: (718) 965-8300
 Caller Name: DISPATCHER 453 Caller Agency: NYC FIRE DEPT BROOKLYN Caller Phone: (718) 965-8300
 DEC Investigator: MXTIPPLE Contact for more spill info: NONE Contact Person Phone: (000) 000-0000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/02/2001		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CONTRACTOR ON SCENE WAS DUMPING OIL DOWN DRAIN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
 Close and Cross reference to 0100018. FD reported twice.

Map Identification Number 193

 BEDFORD AVE/N 9TH ST BROOKLYN, NY

Spill Number: 0303594

Close Date: 07/07/2003
 TT-Id: 520A-0037-349

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2619 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
 Notifier Type: Citizen Notifier Name: Notifier Phone:
 Caller Name: CHRIS KUREK Caller Agency: Caller Phone: (718) 388-9647
 DEC Investigator: JXZHAO Contact for more spill info: CHRIS KUREK Contact Person Phone: (718) 388-9647

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
07/07/2003		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MOTOR OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

spill of product on roadway – unk source or cause – no clean up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO"
 7/7/2003 1:50AM: Since NYC Sanitation Hotline dose not response at midnight, Zhao contact local Fire Department for assistant. FD responded.

Map Identification Number 194 **125 NORTH 10TH ST**
 125 NORTH 10TH ST

BROOKLYN, NY

Spill Number: 9902614

Close Date: 10/18/2005
 TT-Id: 520A-0045-069

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 2621 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name: PAT MCDERMOTT
 DEC Investigator: GWBURKE

Spiller: STEVE
 Notifier Name: PAT MCDERMOTT
 Caller Agency: GASOLINE INSTALLATIONS
 Contact for more spill info: STEVE

Spiller Phone: (917) 763-3043
 Notifier Phone: (516) 371-2743
 Caller Phone: (516) 371-2743
 Contact Person Phone: (917) 763-3043

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/07/1999		UNKNOWN	2-604226	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

 Caller Remarks:

during a tank install an old tank was encounterd and there is a slight odor of fuel oil in soil

 DEC Investigator Remarks:

10/18/05 – Close – 2004 PBS states tanks removed and closed. GB

Map Identification Number 195

GAS STATION
 417 UNION AVE

BROOKLYN, NY

Spill Number: 9803138

Close Date: 06/17/1998
 TT-Id: 520A-0046-729

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2633 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
 Notifier Type: DEC
 Caller Name: AECO PARRIS
 DEC Investigator: O'DOWD

Spiller: GAS STATION
 Notifier Name: JERRY ESPOSITO
 Caller Agency: DEC
 Contact for more spill info:

Spiller Phone:
 Notifier Phone: (718) 389-0009
 Caller Phone: (718) 482-4885
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

 Caller Remarks:

COMPLAINANT DESCRIBED GASOLINE VAPORS IN AIR – CURRENTLY UNDER SOME TYPE OF CONSTRUCTION – EXCAVATION OPEN

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

6/15/98 2:10 PM WENT TO GULF S/S LOCATED AT 447 UNION AVE. MET WITH BERNIE/GULF AND PETE/PETROL. TECH. UPGRADING EXISTING 3X3K FOR 1998 DEADLINES. SOIL CLEAN SAND AND NO SHEENING ON WATER IN EXCAVATION. EXCAVATION DUG DOWN TO TOP OF USTS. BERNIE SAID TANKS WERE PUMPED OUT OVER 30 DAYS AGO AND SITE HAS TRANSFERRED OWNERSHIP RECENTLY. HE SAID BORINGS WERE DONE AND SOIL DOWN TO 16 FT BG WAS DUG OUT AND HAULED OFF-SITE. NO GASOLINE VAPOR SMELL AND THEY DIDN'T RECEIVE ANY COMPLAINTS. 2:30 PM WENT OT 417 UNION AVENUE. MET WITH ANDREAS PFANNER. ITS A FINE WOODWORKING PLACE WHERE THEY DO FINISHING OF CABINETS AND LAQUERING OF WOODWORK. ONE EXHAUST, NO GASOLINE VAPORS DETECTED. HE DIDN'T HEAR OF ANY COMPLAINTS.

Map Identification Number 196

S & S PRINTING
488 MORGAN AVE

BROOKLYN, NY

Spill Number: 0205855

Close Date: 09/02/2010
TT-Id: 520A-0040-233

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2639 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name: DAWN RUSSINI
DEC Investigator: SFRAHMAN

Spiller:
Notifier Name:
Caller Agency: TYREE BROTHERS INV SVC
Contact for more spill info: FELIX SIKAR

Spiller Phone:
Notifier Phone:
Caller Phone: (631) 249-3150 ext. 2
Contact Person Phone: (718) 388-8990

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/05/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER WAS HIRED BY POTENTIAL BUYER OF THE ABOVE LOCATION – WHILE DOING BORE SAMPLES THERE WAS CONTAMINATED SOILS FOUND – UNK WHAT

CAUSED THE SPILL

DEC Investigator Remarks:

Gupta Kuldeep on 11/3/05--called Tyree Brothers and found 1-631-249-3150 Ext 240
Tel Number is not in service. Dawn Russini is no more with Tyree company.
Felix Sikar with S&S, Tel Number (718)-388-8990, updated Building is not
sold to Dan Randazzo.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
9/5/2002 - Sangesland spoke with Dawn Russini (631-249-3150 x240) at Tyree (She will be leaving Tyree this week - Rick Caputo x
241 will take over the case).

Tyree was hired by a potential purchaser to do a Phase I & Phase II on this site.

Seller: Felix Sikar of S&S Printing 718-388-8900

Buyer: Dan Randazzo of St. Christopher Otilie 516-671-1253 x122

Site is a 5 story industrial warehouse which is being sold and converted to another use. (??? offices? halfway house? shelter?)

Property has a history of use as yarn dye, tannary and printing.

Phase 2 report shows borings behind the building with elevated levels of SVOC's, metals and cyanide.

Tyree is proposing some excavation work and additional testing. Unknown if the present owner will go forward with this work.

Austin - 9/30/09 - Spill project assignment transferred from Albany staff (Kx Gupta) to Rahman, for further review and action. -
end

07/13/10 Performed site visit. No oil tank is being used on the premises. No report available to the owner. I contacted Tyree
Environmental and rec'd an email that says they don't have any records of the phase II investigation. Due to unavailability of
any investigation report, complaint can't be justified. Moreover, next course of action can't be determined without information
about the level of contamination, if any exist. Spill report does n't indicate presence of significant petroleum related
contamination.(sr)



CLOSED STATUS HAZARDOUS SPILLS – MISC. SPILL CAUSES – EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM AND STORMS – WITHIN 1/2 MILE SEARCH RADIUS.
 All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

Please Note: * – Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 197 **BROOKLYN QUEENS EXPRESS** **Spill Number: 0608057** **Close Date: 10/17/2006**
 GRAHAM AVE EAST BOUND DIR BROOKLYN, NY TT-Id: 520A-0049-638

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 466 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: GRAHAM AVE / BROOKLYN QUEENS EXWY
 Revised zip code: 11222

Source of Spill: COMMERCIAL VEHICLE Spiller: MOBILE EXXON PLACARD #120 Spiller Phone:
 Notifier Type: Fire Department Notifier Name: Notifier Phone:
 Caller Name: Caller Agency: Caller Phone:
 DEC Investigator: HRPATEL Contact for more spill info: TROY SCOTT Contact Person Phone: (917) 468-2551

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/15/2006		TRAFFIC ACCIDENT	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

SPILL DUE TO RUPTURE OF SADDLE TANKS ON TRACTOR TRAILER AS A RESULT OF AA ON OVERPASS. CLEANUP IS UNDERWAY.

DEC Investigator Remarks:

10/17/06–Hiralkuamr Patel. received during off hour duty on 10/15/06. visited site. met Mr. Scott from NYC Emergency Mgmt. Exxon–Mobil truck was involved in accident. trailer was empty and saddle tanks of truck were not leaking and were in good

condition. truck cabin was hanging from Route 278 West above Graham Ave at Exit 33. and motor oil spilled on graham ave from broken engine. fire department had put speedy dry and as per Mr. Scott, sanitation were going to remove that sand from roadway. little oil ran to sewer. Dennis Huacan (PH. 718-595-4722) from DEP was on scene (DEP case#: 1472232). no soil impacted.

Map Identification Number 198 **GELFAND RES.** **Spill Number: 9608634** **Close Date: 10/10/1996**
 398 MANHATTAN AVE BROOKLYN, NY TT-Id: 520A-0041-884

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 468 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK Spiller: ANNETTE ODONNEL – WEATHER FUEL OIL CO Spiller Phone: (718) 647-1400
 Notifier Type: Responsible Party Notifier Name: TAFT SMITH (DRIVER) Notifier Phone: (718) 647-1400
 Caller Name: ANNETTE ODONNEL Caller Agency: WEATHER FUEL OIL CO Caller Phone: (718) 647-1400
 DEC Investigator: SMMARTIN Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/10/1996		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

hose line broke on delivery truck spill to pavement and some to side of house clean up crew is enroute

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

Map Identification Number 199 **INTERMASTER**
 387 MANHATTAN AVE

BROOKLYN, NY

Spill Number: 0711236

Close Date: 03/27/2008
 TT-Id: 520A-0212-616

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 491 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: 11211

Source of Spill: COMMERCIAL/INDUSTRIAL
 Notifier Type: Other
 Caller Name:
 DEC Investigator: RMPIPER

Spiller: JEFF BOHLEN – INTERMASTER
 Notifier Name:
 Caller Agency:
 Contact for more spill info: JEFF BOHLEN

Spiller Phone: (631) 924-3001
 Notifier Phone:
 Caller Phone:
 Contact Person Phone: (631) 924-3001

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – No DEC Field Response – Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/24/2008		EQUIPMENT FAILURE	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

phase two and found contaminated soil

DEC Investigator Remarks:

1/24/08 – Raphael Ketani. I spoke with Jeff Bohlen of EnviroTract (631) 924-3001. He said he represented the potential buyer, Krzysztof Kielan, Millenium Development and Construction, LLC, 57 Ballard Street, Valley Stream, NY, 11580. He said that the site is still an active cabinet making business and is owned by Henryk Zawojek.

Mr. Bohlen went on to say that the site is a 1 story commercial building. There is a gas tank (UST) in the building and a dispenser and remote fill outside. All three are out of service. Three borings were performed, one at each part of the fuel system. There are low hits of BTEX in the soil which are below TAGM. Two wells were installed. One well had 0.73 ppb benzene and one well had 1.3 ppb benzene. Total xylenes were 6.80 ppb.

The site has an "E" designation, but no one has been assigned to the case. The contact is Dan Cole, Deputy Director, NYC DEP, 59-17 Junction Blvd., 11 Floor, Flushing, NY, 11373. His phone number is (718) 595-4536.

A CSL was sent to Mr. Zawojek with a "c-c" to Mr. Cole.

3/5/08– DEC Piper – I met Envirotrac and sub contractor AARCO, onsite today. They were uncovering at least 1 550 ust that contained gasoline for motor fueling. They will remove tanks soil and piping and collect endpoints to be submitted in closure report.

3/27/08– DEC Piper recieved and reviewed closure report. Approx 19 tons of soil were removed. Endpoints were below tagm. This spill is closed. See e-docs if warranted.

Map Identification Number 200 **375 MANHATTAN AVENUE**
 375 MANHATTAN AVENUE

BROOKLYN, NY

Spill Number: 9400072

Close Date: 04/04/1994
 TT-Id: 520A-0041-422

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 620 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Other
 Caller Name: FRANK SACINO
 DEC Investigator: CAMMISA

Spiller: SAME
 Notifier Name:
 Caller Agency: PETRO OIL
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 545-4500
 Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/03/1994	04/04/1994	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	-2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

LINE LEAKING – SPILL CONTAINED ON BASEMENT FL. APPLIED SPEEDI DRI – CLEANED VP – REPLACED NOZZLE LINE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 201 **MCGUINNESS BLVD & BQE**
 MCGUINNESS BLVD & BQE

BROOKLYN, NY

Spill Number: 0007090

Close Date: 10/05/2000
 TT-Id: 520A-0051-757

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 872 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: MCGUINNESS BLVD / BQE
 Revised zip code: 11222

Source of Spill: TANK TRUCK
 Notifier Type: Other
 Caller Name: GIL ROWLAND
 DEC Investigator: SIGONA

Spiller: MYSTIC TRANSPORTATION
 Notifier Name: MYSTIC TRANSPORTATION
 Caller Agency: ACTION ENVIRONMENTAL
 Contact for more spill info:

Spiller Phone: (718) 932-9075
 Notifier Phone: (718) 932-9075
 Caller Phone: (704) 394-6913
 Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/15/2000		EQUIPMENT FAILURE	YES		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DRIVESHAFT SEPARATED AND WENT INTO FUEL TANK – CONTAINED – MILLER ENVIRONMENTAL RESPONDING

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

On September 15, 2000, DEC Sigona responded to a 100 gallon diesel spill from a tanker truck leak on the Brooklyn Queens Expressway near McGuinness Blvd., in Greenpoint. The spill was caused by a broken drive shaft which caused a leak from the piping system for the tanker truck operated by Mystic Transportation. Fortunately there were no injuries to the driver or other vehicles on the road. The diesel spilled onto the roadway and drained to storm drains which poured down under the BQE. The product was contained by FDNY, and Mystic hired MEG to perform the cleanup. NYCDEP (Andrew Kelly) issued an order to Mystic to complete the cleanup of the catch basin.

Map Identification Number 202 **43 HERBERT STREET,BKLYN/R**
 43 HERBERT ST

BROOKLYN, NY

Spill Number: 8606018

Close Date: 12/23/1986
 TT-Id: 520A-0051-747

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 970 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: 43 HERBERT ST.
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Police Department
 Caller Name:
 DEC Investigator: UNASSIGNED

Spiller: UNK
 Notifier Name:
 Caller Agency:
 Contact for more spill info:

Spiller Phone:
 Notifier Phone:
 Caller Phone:
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/23/1986	12/23/1986	ABANDONED DRUM	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

RADIO-ACTIVE WASTE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
 10/10/95: This is additional information about material spilled from the translation of the old spill file: RADIO-ACTIVE WASTE.

Map Identification Number 203 **526 UNION AVE**


BROOKLYN, NY

Spill Number: 9811933

Close Date: 12/22/1998
 TT-Id: 520A-0051-746

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 1586 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: 526 UNION AV
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
 Notifier Type: Local Agency
 Caller Name: OLUREMI FATIMILEHIN
 DEC Investigator: TOMASELLO

Spiller: UNKNOWN
 Notifier Name: ALEXANNDER PIAZZI
 Caller Agency: DEP
 Contact for more spill info: OLURMI FATIMILEHIN

Spiller Phone:
 Notifier Phone: (212) 384-1000
 Caller Phone: (718) 595-4799
 Contact Person Phone: (718) 595-4799

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
 Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/18/1998		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 ABANDONED DRUMS IN FRONT OF ABOVE ADDRESS – DO NOT APPEAR TO BE LEAKING

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 204 **APARTMENT BLDG** **Spill Number: 8805035** **Close Date: 09/13/1988**
 677 METROPOLITAN AV NYC, NY TT-Id: 520A-0047-064

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 1609 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: DON PAUL FUEL OIL CO	Spiller Phone: (718) 383-1400
Notifier Type: Local Agency	Notifier Name:	Notifier Phone:
Caller Name: JOHN WITHERNOW	Caller Agency: NYCDEP	Caller Phone: (212) 669-8923
DEC Investigator: JCGRATHW	Contact for more spill info:	Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/09/1988	09/13/1988	TANK OVERFILL	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	300.00	GALLONS	200.00	GALLONS	SOIL

Caller Remarks:

NYFD PUMPED 200 GALS INTO DRUMS, COVERED REMAINING PRODUCT. NYFD HAS NOTIFIED SPILLER TO FINISH CLEAN-UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "GRATHWOL"

Map Identification Number 205 **TM 640** **Spill Number: 0107722** **Close Date: 12/28/2001**
 HERBERT ST & KINGSLAND AVE BROOKLYN, NY TT-Id: 520A-0037-294

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 1822 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: HERBERT ST / KINGSLAND AVE
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: CALLER – CON ED	Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: MARK SCHLAGEL	Caller Agency: CON ED	Caller Phone: (212) 580-6765
DEC Investigator: KMFOLEY	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
10/29/2001		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS 100 GALLON SPILL FROM FAULTY TRANSFORMER. CON ED #140005. CLEANUP PENDING TANKER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"

E2MIS NOTES:

10/29 10:30 HOURS: APPROX. 100 GALLONS OF TRANSFORMER OIL ON 3 FEET OF OIL SOAKED DIRT IN TM-640. RECORDS SHOW 120 PPM.

PRESSURE TESTED AND FAILED.

Update 10/29/01, 23:20hrs:

Test results showed 168ppm PCB. The crew noticed a 5" drain in the corner of the manhole and possibly some product got into the drain. There was 3' of dirt over the hole.

10/30/01 1340 hours: Unit was removed.

1930 hrs: clean up completed, double washed structure.

Map Identification Number 206 **522 METROPOLITAN AVE**
 522 METROPOLITAN AVE

BROOKLYN, NY

Spill Number: 9515443

Close Date: 02/24/2003
 TT-Id: 520A-0046-730

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 2199 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
 Notifier Type: Local Agency
 Caller Name: SHANTEL VINSON
 DEC Investigator: TOMASELLO

Spiller: JACOB - TERMINAL OIL COMPANY
 Notifier Name: SHANTEL VINSON
 Caller Agency: DEP
 Contact for more spill info: MS CASTANO

Spiller Phone: (718) 369-2825
 Notifier Phone: (718) 595-6777
 Caller Phone: (718) 595-6777
 Contact Person Phone: (718) 782-4799

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors),
 contamination of drinking water supplies, or significant release to surface waters.
 Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/29/1996		TANK OVERFILL	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	300.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TANK OVERFILL INTO SOIL – ALTERNATIVE PHONE # 718–330–3236 MR MUNZO

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 207	810 METROPOLITAN AV/MERIT		Spill Number: 8807632	Close Date: 12/18/1988
	810 METROPOLITAN AVENUE	BROOKLYN, NY		TT-Id: 520A–0040–886
MAP LOCATION INFORMATION		ADDRESS CHANGE INFORMATION		
Site location mapped by: PARCEL MAPPING (2)		Revised street: NO CHANGE		
Approximate distance from property: 2241 feet to the SE		Revised zip code: NO CHANGE		
Source of Spill: GASOLINE STATION		Spiller: DRIVER (PHILIP HALL)	Spiller Phone: (516) 731–4100	
Notifier Type: Citizen		Notifier Name:	Notifier Phone:	
Caller Name: ROBERT RYAN		Caller Agency: CITIZEN	Caller Phone: (516) 694–4800	
DEC Investigator: TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/18/1988	12/18/1988	HUMAN ERROR	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPEEDY DRY CREW ON THE WAY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 208  **NATIONAL DRUM**
35 BEADEL STREET

BROOKLYN, NY

Spill Number: 8601471

Close Date: 06/02/1986
TT-Id: 520A-0049-416

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2302 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Affected Persons
Caller Name:
DEC Investigator: UNASSIGNED

Spiller: NATIONAL DRUM. CO.
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/02/1986	06/02/1986	EQUIPMENT FAILURE	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

BETWEEN KINGSLAND & MORGAN JUST OFF B.Q. EXPRESSWAY- NO ACTION AS YET COMPLAINT WAS PREVIOUSLY RPTD TP EPA-ODOR ABD PATRICULATE PROBLEMS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was " "
10/10/95: This is additional information about material spilled from the translation of the old spill file: 5OAP DETERGENT PART.

06/02/86: ONGOING FOR SEVERAL YEARS.

NO ACTION. EPA WAS NOTIFIED SOME YEARS AGO.

PROBLEM SCACRENED. BUT NOW RESUMED.

Map Identification Number 209  505 MORGAN AVE

BROOKLYN, NY

Spill Number: 0201184

Close Date: 06/10/2002
TT-Id: 520A-0049-413

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2497 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: CITIZEN	Notifier Phone:
Caller Name: LEROY MURPHY	Caller Agency: DEP	Caller Phone: (718) 595-6777
DEC Investigator: JBVOUGHT	Contact for more spill info: CALLER	Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
05/01/2002		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	220.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

4 55 gallon drums abandoned.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
 5/8/2002-Vought-No drum found. Spill closed. 5/30/2002-Site visit again after call from Peter Tarnowski 718/782-3554 stating that he had moved drums inside during previous drum run. Drums were moved outside for 5/30/2002 run and were found to contain contaminated soil. Drums were picked up by Milro Associates. Spill closed by Vought.

Map Identification Number 210



ANTHONY ST/MORGAN AVE

BROOKLYN, NY

Spill Number: 0111362

Close Date: 03/11/2002

TT-Id: 520A-0037-303

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 2639 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE
 Notifier Type: Fire Department
 Caller Name: NY CITY FD
 DEC Investigator: MXTIPPLE

Spiller: UNKNOWN
 Notifier Name:
 Caller Agency:
 Contact for more spill info: NY CITY FD

Spiller Phone:
 Notifier Phone:
 Caller Phone: (718) 622-6903
 Contact Person Phone: (718) 662-6903

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP – DEC Field Response – Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/01/2002		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRACTOR TRAILER ACCIDENT CAUSED SADDLE TANK TO RUPTURE – SEWER ALSO AFFECTED – FIRE DEPT ON SCENE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
3/11/2002 FDNY CLEANED UP ROADWAY SPILL

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM OR STORMS. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
9806871	FROST & MEEKER AVE	64 FROST STREET	BROOKLYN
9805219	179 RICHARDSON ST	179 RICHARDSON ST	BROOKLYN
9606564	30 HERBERT	30 HERBERT ST	GREENPORT
9509231	MEEKER AVE & HUMBOLDT ST	MEEKER AVE & HUMBOLDT ST	BROOKLYN
8804872	BKLYN QUNS EXPWY/HUMBOLT	BQE NORTHBOUND/HUMBOLT ST	NEW YORK CITY
0301048	BROOKLYN QUEENS EXPRESSWA	AND HUMBLE STREET	BROOKLYN
0005156	MEEKER AVE/MCGUINNESS BLVD	MEEKER AVE/MCGUINNESS BLVD	BROOKLYN
0005147	BROOKLYN QUEENS EXP	MEEKER/MCGUINNESS	BROOKLYN
9902388	EXIT RAMP OFF BQ EXPRESSW	HERBERT ST & HUMBOLDT ST	BROOKLYN
9801444	ALLEY WAY	735 LORIMER ST	BROOKLYN
8803052	BROOKLYN-QUEENS EXPWY	BKLYN/QUNS EXPWY/MEEKER	NEW YORK CITY
9214462	55 ECKFORD ST.	55 ECKFORD ST	BROOKLYN
0608722	SIDEWALK	139 SKILLMAN AVE	BROOKLYN
9401305	66 JACKSON STREET	66 JACKSON STREET	BROOKLYN
0601645	BFI WASTE SYSTEMS	214 RICHARDSON ST	BROOKLYN

0003074	VB6017	208 WITHER ST	BROOKLYN
8701082	SKILLMAN AVE. & GRAHAM AV	SKILLMAN AVE./GRAHAM AVE.	NEW YORK CITY
9707004	AMOCO STATION	243 MEEKER AVENUE	BROOKLYN
9109966	419 HUMBOLDT ST	419 HUMBOLDT ST	BROOKLYN
0209583		95 CONSELYEA ST	BROOKLYN
0712041	BQE-SOUTHBOUND	HENRY & MEEKER	BROOKLYN
9904400	MANHOLE #4429	DRIGGS AVE & NEWEL ST	BROOKLYN
1206606	OIL SPILL TO BASEMENT	563 MANHATTAN AVENUE	BROOKLYN
9513215	522 LEONARD ST	522 LEONARD ST	BROOKLYN
9511565	101 ECKFORD ST	101 ECKFORD STREET	BROOKLYN
9310560	101 ECKFORD STREET	101 ECKFORD STREET	BROOKLYN
0609437	DYMEK HOME	101 ECKFORD STREET	BROOKLYN
0511246	PRIVATE RESIDENCE	101 ECKFORD STREET	BROOKLYN
0801257	NORTH 11TH	ROEBLING STREET	BROOKLYN
0400060	TM 1142	11TH/ROEBLING STREET	BROOKLYN
9308021	677 METROPOLITAN AVENUE	677 METROPOLITAN AVENUE	BROOKLYN
9302207	385 HUMBOLDT ST.	385 HUMBOLDT ST	BROOKLYN
9813210		610 MANHATTAN AVE	BROOKLYN
9413301	106 KINGSLAND AVENUE	106 KINGSLAND AVENUE	BROOKLYN
1005554	COMMERCIAL BLDG W/ APTS ON TOP	271 FROST ST	BROOKLYN
9813147	LONG JIM KITCHEN	329 GRAHAM AVE	BROOKLYN
0201573		236 SKILLMAN AVE	BROOKLYN
9500338	764 METROPOLITAN AVE	764 METROPOLITAN AVENUE	BROOKLYN
0012499		561 METROPOLITAN AVE	BROOKLYN
9502053	LEONARD AVE & DEVOE ST	LEONARD AVE / DEVOE ST	BROOKLYN
0905854	SOCCI RESIDENCE	177 DEVOE ST	BROOKLYN
9303588	BEDFORD & NASSAU AVES	BEDFORD & NASSAU AVES	BROOKLYN
0509415	VAULT #VS849	BEDFORD AVE SO. OF NASSAU AVE	BROOKLYN
8901576	SHELL	2 BUSHWICK AVENUE	BROOKLYN
0513496	AMACO GAS STATION	2 BUSHWICK AVENUE	BROOKLYN
9414974	107 BEDFORD AVENUE	107 BEDFORD AVENUE	BROOKLYN
0402290	MANHOLE 646	BEDFORD AVE	BROOKLYN
1110118	PRIVATE DWELLING	184 DEVOE ST.	BROOKLYN
1103863	WAREHOUSE	25 DIVISION PLACE	BROOKLYN
8909052	MERIT S/S / BKLN	METROPOLITAN & BUSHWICK	BROOKLYN
8903546	METROPOLITAN AVE/MERRIT	METROPOLITAN&BUSHWICK AVE	NEW YORK CITY
0304895		582 LENARD ST	BROOKLYN
0505281	MANHOLE #620	KINGSLAND AVE & DRIGGS AVE	BROOKLYN
0706476	ALONG SIDE OF ROAD WAY	304 NORTH 7TH STREET	BROOKLYN
0408049	NYC HOUSING AUTHORITY	295 JACKSON AVE	BROOKLYN
9709589	ACROSS FROM HIGH SCHOOL	N 7TH ST	BROOKLYN
9901637	VAULT 5661	661 MANHATTAN AVE	BROOKLYN
0600390	TRUCK 60688 HYDRAULIC LEAK	LORIMER STREET & AINSLIE STREET	BROOKLYN
0811706	GAS STATION JK PETROLEUM	447 UNION AVE	BROOKLYN

9512040	25 BUSHWICK AVE	25 BUSHWICK AVE	BROOKLYN
0701659	WINTER RESIDENCE	167 N. 9TH ST	BROOKLYN
0303503	CON ED	N. 6TH STREET/MEEKER AVE	BROOKLYN
9702070	BQE E/B &	METROPOLITAN AV	BROOKLYN
9606041	BROOKLYN QUEENS EXPWY	AT METROPOLITAN AVE	BROOKLYN
8804145	BKLN-QNS EXPWY	BETW MEEKER & MTRPLTN AVS	NEW YORK CITY
1112918	ROADWAY	BQE WEST BOUND OFF THE MET. AVE	BROOKLYN
0307923	BROOKLYN KINGS EXPRESSWAY	AND METROPOLITAN AVE	BROOKLYN
0204909		BROOKLYN QUEENS EXPRESSWAY NO BO @ METROPOLETAN	BROOKLYN
0890037	205393; MASPETH AVE	MASPETH AVE	
9910186	RODNEY STREET	IN THE AREA OF 485 RODNEY	BROOKLYN
9509511	687 MEEKER AVENUE	687 MEEKER AVENUE	BROOKLYN
8910037	185 POWERS ST - BKLN	185 POWERS ST	BROOKLYN
0200153		MORGAN AVE/BEETLE AVE	BROOKLYN
0200149	ROADWAY	BEADEL ST/MORGAN AVE	BROOKLYN
0603190	MANHOLE # 4384	688 MANHATTAN AVENUE	BROOKLYN
9812628		DIVISION AVE/MORGAN ST	BROOKLYN
9913950	ROADWAY	LOMBARDI ST/MORGAN AVE	BROOKLYN
0503810	INTERSECTION OF	LOMBARDY STREET AND MORGE	BROOKLYN
0312266	TM #1827	MORGAN/LABARDY STREET	BROOKLYN
0513280	RESIDENCE	92 NORMAN AVE	BROOKLYN
0100018		50 BUSHWICK AVE	BROOKLYN
0801005	S/S BREAKER LEAKED DURING REMOVAL	324 AINSLIE ST. SUBSTATION	BROOKLYN
9309397	536 DRIGGS AVENUE	536 DRIGGS AVENUE	BROOKLYN
9108752	536 DRIGGS AVE	536 DRIGGS AVENUE	BROOKLYN
9006886	536 DRIGGS AVE/BKLYN	536 DRIGGS AVENUE	NEW YORK CITY
9913668	BEDFORD AVE AND NORTH 9TH	STREET	BROOKLYN
9302676	122 NORMAN AVE	122 NORMAN AVE	



NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 211 **ISRAEL M DOLGIN ASSOC** **Facility Id: 2-090301** **Source: NYS DEC**
 101 RICHARDSON STREET BROOKLYN, 11211 TT-Id: 640A-0018-739

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 197 feet to the WSW*

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Manufacturing (Other than Chemical)/Processing
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate:
 Operator Name: PATRICK CORZIE
 Owner Name: NEIL DOLGIN - VP
 Owner Company: ISRAEL M.DOLGIN ASSOCIATES
 Owner Address: 101 RICHARDSON ST, BROOKLYN, NY 11211

Operator Phone #: (718) 388-7700
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	#6 Fuel Oil	5000	Underground			09/30/1988

TANK NUMBER: 001 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
 TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: Vault (w/o access)
 PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: Exempt Suction Piping PIPE SEC. CONTAINMNT:
 PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: No Piping
 OVERFILL PROTECTION: Product Level Gauge (A/G) SPILL PREVENTION: DISPENSER METHOD: Suction

Map Identification Number 212 **ISREAL M DOLGIN ASSC** **Facility Id: NY05058** **Source: NYC FIRE DEPT**
 87 RICHARDSON ST BROOKLYN, NY 11211 TT-Id: 660A-0004-930

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 313 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: F O OV 2500G

Map Identification Number 213 **278 FUEL STOP, INC.**
 392 LEONARD STREET

Facility Id: 2-510793 **Source: NYS DEC**
 BROOKLYN, 11211 TT-Id: 640A-0018-742

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 386 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Retail Gasoline Sales
 Site Status: Active
 Expiration Date of the facility's registration certificate: 02/16/2014
 Operator Name: KULDEEP SINGH
 Owner Name: - SECRETARY
 Owner Company: 278 FUEL STOP, INC.
 Owner Address: 392 LEONARD STREET, BROOKLYN, NY 11211

Operator Phone #: (718) 388-3329
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Gasoline	4000	Underground	08/01/1972	07/19/2012	
The following tank 001 content has been deleted or replaced: Diesel							
002	Closed - Removed	Gasoline	550	Underground	11/01/1939	01/01/1994	04/01/1999
003	Closed - Removed	Gasoline	550	Underground	11/01/1939	01/01/1994	04/01/1999
004	Closed - Removed	Gasoline	550	Underground	11/01/1939	01/01/1994	04/01/1999
005	Closed - Removed	Gasoline	550	Underground	11/01/1939	01/01/1994	04/01/1999
006	Closed - Removed	Waste Oil/Used Oil	550	Underground	11/01/1939		06/13/2009
The following tank 006 content has been deleted or replaced: Diesel							
006A	In Service	Diesel	4000	Underground	04/01/1999		
007A	In Service	Diesel	4000	Underground	04/01/1999		
The following tank 007A content has been deleted or replaced: Gasoline							
008A	In Service	Gasoline	4000	Underground	04/01/1999		

Map Identification Number 214 **A-I AUTO REPAIRS INC.**
 392 LEONARD STREET

Facility Id: 2-611136 **Source: NYS DEC**
 BROOKLYN, 11211 TT-Id: 640A-0086-632

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 386 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Auto Service/Repair (No Gasoline Sales)
 Site Status: Active
 Expiration Date of the facility's registration certificate: 07/22/2014
 Operator Name: AVTAR SINGH

Operator Phone #: (718) 388-3464

Owner Name:
 Owner Company: AVTAR SINGH
 Owner Address: 126 BERWOOD DR., LINDEN, NJ 07036

Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	In Service	Waste Oil/Used Oil	250	Aboveground on Crib Rack or Cradle	06/01/2008		

Map Identification Number 215 **JUNIOR HIGH SCHOOL 126 – BROOKLYN**
 424 LEONARD STREET

Facility Id: 2-356476 **Source: NYS DEC**
 BROOKLYN, 11222 TT-Id: 640A-0018-741

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 433 feet to the NW

ADDRESS CHANGE INFORMATION
 Revised street: 424 LEONARD ST
 Revised zip code: NO CHANGE

Facility Type: School
 Site Status: Active
 Expiration Date of the facility's registration certificate: 06/28/2013
 Operator Name: PLANT OPERATIONS
 Owner Name: JAMES A. MERLO – MANAGER, FUEL DIVISION
 Owner Company: NEW YORK CITY DEPARTMENT OF EDUCATION
 Owner Address: 44-36 VERNON BOULEVARD, LONG ISLAND CITY, NY 11101

Operator Phone #: (718) 349-5400
 Owner Type: Local Government

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#4 Fuel Oil	10000	Aboveground on Crib Rack or Cradle	03/22/1966		
002	In Service	#4 Fuel Oil	10000	Aboveground on Crib Rack or Cradle	03/22/1966		

Map Identification Number 216 **D L BRENNER & SONS INC**
 407 LEONARD ST

Facility Id: 2-257958 **Source: NYS DEC**
 BROOKLYN, 11222 TT-Id: 640A-0018-740

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 469 feet to the W

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Unknown
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate:
 Operator Name: D L BRENNER & SONS INC
 Owner Name:
 Owner Company: D L BRENNER REALTY
 Owner Address: 508 BRIARWOOD CIRCLE, HOLLYWOOD, FL 33024

Operator Phone #: (718) 387-8785
 Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed – Removed	Diesel	550	Underground			10/01/1990
002	Closed – Removed	Diesel	550	Underground			10/01/1990
003	Closed – Removed	Gasoline	550	Underground			10/01/1990
004	Closed – Removed	Other	550	Underground			10/01/1990
005	Closed – Removed	Other	550	Underground			10/01/1990

Map Identification Number 217 **INTER MASTER CORP**
 387 MANHATTAN AVE.

Facility Id: 2-610788 **Source: NYS DEC**
 BROOKLYN, 11211 TT-Id: 640A-0081-264

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 494 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate:
 Operator Name: HENRYK ZAWOJEK
 Owner Name: HENRYK ZAWOJEK – PRES
 Owner Company: HENRYK ZAWOJEK
 Owner Address: 387 MANHATTAN AVE, BROOKLYN, NY 11211

Operator Phone #: (718) 349-6291
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed – Removed	Gasoline	750	Underground	06/05/2003		03/05/2008
002	Closed – Removed	Gasoline	550	Underground	06/05/2003		03/06/2008

Map Identification Number 218 **DAMATO SALES & SERVICES**
 104 FROST ST

Facility Id: NY03031 **Source: NYC FIRE DEPT**
 BROOKLYN, NY 11211 TT-Id: 660A-0005-095

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 497 feet to the S

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: SG 1 550G GAS ADD 1 TK GAS
 ALT-8/87 (MAKE UNKWN)
 ADDL 9 AUTOS M.V. -6

Map Identification Number 219 **TRICO ELECTRICAL CORP.**
 495 GRAHAM AVE

Facility Id: 2-069140
 BROOKLYN, 11222

Source: NYS DEC
 TT-Id: 640A-0019-450

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 517 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Trucking/Transportation/Fleet Operation
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate:
 Operator Name: PETER TRILIVAS
 Owner Name: PETER TRILIVAS - OWNER/OPERATOR
 Owner Company: 495 GRAHAM AVENUE LLC
 Owner Address: 495 GRAHAM AVENUE, BROOKLYN, NY 11222

Operator Phone #: (718) 853-7070
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	Diesel	4000	Underground	07/01/1981	06/01/1997	11/15/2008

The following tank 001 content has been deleted or replaced: Gasoline

Map Identification Number 220 **FDNY ENGINE 229 / LADDER 146**
 75 RICHARDSON STREET

Facility Id: 2-600510
 BROOKLYN, 11211

Source: NYS DEC
 TT-Id: 640A-0018-743

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 548 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

Facility Type: Other
 Site Status: Unregulated
 Expiration Date of the facility's registration certificate:
 Operator Name: COMPANY OFFICER
 Owner Name:
 Owner Company: F.D.N.Y.
 Owner Address: 250 LIVINGSTON STREET, BROOKLYN, NY 11211

Operator Phone #: (718) 965-8229
 Owner Type: Local Government

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	#2 Fuel Oil	2000	Aboveground - In Contact with Soil	12/01/1997		12/01/1997
002	Closed - In Place	Gasoline	275	Underground	05/01/1997		05/01/1997
003	In Service	Diesel	550	Aboveground on Crib Rack or Cradle	12/01/1997		

**** TANK INFO CONTINUES ON NEXT PAGE ****

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	3000	Aboveground – In Contact with Soil	06/13/1950		

Map Identification Number 223  **FRATELLI RICATTO**
391 LEONARD ST

Facility Id: NY04036
BROOKLYN, NY 11211

Source: NYC FIRE DEPT
TT-Id: 660A-0004-933

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 584 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 2500G

Map Identification Number 224  **CREST BODY EQUIP CRP**
72 BAYARD ST

Facility Id: NY02925
BROOKLYN, NY 11222

Source: NYC FIRE DEPT
TT-Id: 660A-0004-929

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 595 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL #2 1500G



HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 225 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004043931**
 **NYSDEC Address:** **MEEKER AVE & RICHARDSON** **NEW YORK, NY 10003** **TT-Id: 740A-0012-490**

MAP LOCATION INFORMATION **ADDRESS CHANGE INFORMATION**
 Site location mapped by: MANUAL MAPPING (4) Revised street: MEEKER AVE / RICHARDSON ST
 Approximate distance from property: 137 feet to the SE* Revised zip code: 11211

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	27	KILOGRAMS	GENERATED	1999		

Map Identification Number 226 **NYSDEC Name:** **CONSOLIDATED EIDSON** **Facility Id: NYP004137071**
 **NYSDEC Address:** **MEEKER & MANHATTAN MH64805** **BROOKLYN, NY 11201** **TT-Id: 740A-0015-475**

MAP LOCATION INFORMATION **ADDRESS CHANGE INFORMATION**
 Site location mapped by: MANUAL MAPPING (4) Revised street: MEEKER AVE / MANHATTAN AVE
 Approximate distance from property: 137 feet to the SE* Revised zip code: 11222

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	426	KILOGRAMS	GENERATED	2005		

Map Identification Number 227  **NYSDEC Name:** CONSOLIDATED EDISON **Facility Id:** NYP004203194
NYSDEC Address: MEEKER-N-RICHARDSON BROOKLYN, NY **TT-Id:** 740A-0077-361
MH #71303

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 137 feet to the SE*

ADDRESS CHANGE INFORMATION

Revised street: MEEKER AVE / RICHARDSON ST
 Revised zip code: 11222

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
NONE	No hazardous waste activity reported by NYS up to 11/2/2012.						

Map Identification Number 228  **NYSDEC Name:** CONSOLIDATED EDISON **Facility Id:** NYP004223194
NYSDEC Address: MEEKER & RICHARDSON BROOKLYN, NY **TT-Id:** 740A-0076-265
EPA (RCRA) Name: CON EDISON MANHOLE 71303
EPA (RCRA) Address: MEEKER & RICHARDSON BROOKLYN, NY 11204

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)
 Approximate distance from property: 137 feet to the SE*

ADDRESS CHANGE INFORMATION

Revised street: MEEKER AVE / RICHARDSON ST
 Revised zip code: 11222

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal: Receives offsite waste:

Incinerator:

Storer: Treatment facility:

Transporter:

Contact Name: CHARLES CARRILLO Source Type: Emergency
 Contact Name: CHARLES CARRILLO Source Type: Implementer

Contact Phone: 718-204-4455 Contact Info Date: 01/05/2011
 Contact Phone: 718-204-4455 Contact Info Date: 02/04/2011

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
More than one waste code was reported for the following waste amount:		240	KILOGRAMS	GENERATED	2011		
D008	Lead						
D007	Chromium						
D006	Cadmium						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 229



NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

NYSDOT BIN 1065609

I-278 OVER MANHATTAN AVE

NYSDOT BIN 1065609

I-278 OVER MANHATTAN AVE

BROOKLYN, NY 11222

BROOKLYN, NY 11222

Facility Id: NYR000155804

TT-Id: 740A-0062-335

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 137 feet to the SE*

ADDRESS CHANGE INFORMATION

Revised street: I-278 / MANHATTAN AVE

Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Contact Name: CARL KOCHERSBERGER

Source Type: Implementer

Contact Name: CARL KOCHERSBERGER

Source Type: Notification

Notification date: 12/27/2007

Incinerator:

Transporter:

Contact Phone: 518-485-9161

Contact Info Date: 12/26/2007

Contact Phone: 518-485-9161

Contact Info Date: 12/27/2007

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 230



NYSDEC Name: CITY BARREL & DRUM CO INC
NYSDEC Address: 421 MEEKER AVE
EPA (RCRA) Name: CITY BARREL & DRUM CO INC
EPA (RCRA) Address: 421 MEEKER AVE

BROOKLYN, NY 11222

BROOKLYN, NY 11222

Facility Id: NYD068298835
TT-Id: 740A-0011-036

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
 Approximate distance from property: 190 feet to the ENE*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

This facility has been deleted from the reported data. Data reflects last reported information.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: 11/28/1980

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter: No current info -- Previously reported

Contact Name: HARRY GOLDSTEIN

Source Type: Implementer

Contact Phone: 201-388-9227 Contact Info Date: 01/01/2007

Contact Name: HARRY GOLDSTEIN

Source Type: Notification

Contact Phone: 201-388-9227 Contact Info Date: 11/28/1980

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
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NONE No hazardous waste activity reported by NYS up to 11/2/2012.

Map Identification Number 231



NYSDEC Name: NYC BOARD OF EDUCATION PS 126 K
NYSDEC Address: 424 LEONARD ST
EPA (RCRA) Name: NYC BD OF ED - IS 126K
EPA (RCRA) Address: 424 LEONARD ST

BROOKLYN, NY 11222

BROOKLYN, NY 11222

Facility Id: NYR000106922
TT-Id: 740A-0011-709

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 366 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
 Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Notification date: 06/06/2002

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: BERNARD ORLAN

Source Type: Implementer

Contact Phone: 718-391-6475 Contact Info Date: 01/01/2007

Contact Name: BERNARD ORLAN

Source Type: Notification

Contact Phone: 718-391-6475 Contact Info Date: 06/06/2002

Historically listed as the following USEPA RCRA Generator Size(s) as well:

SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	492	KILOGRAMS	GENERATED	2012		
More than one waste code was reported for the following waste amount:		20	KILOGRAMS	GENERATED	2012		
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						
D002	Solid waste that exhibits the characteristic of corrosivity	30	POUNDS	GENERATED	2009	325	2004
D003	Solid waste that exhibits the characteristic of reactivity	70	POUNDS	GENERATED	2009		
D005	Barium	30	POUNDS	GENERATED	2009		
More than one waste code was reported for the following waste amount:		40	POUNDS	GENERATED	2009		
D001	Solid waste that exhibits the characteristic of ignitability						
D007	Chromium						
D001	Solid waste that exhibits the characteristic of ignitability	40	POUNDS	GENERATED	2008		
D008	Lead	140	POUNDS	GENERATED	2008		
D009	Mercury	5	POUNDS	GENERATED	2008		
More than one waste code was reported for the following waste amount:		30	POUNDS	GENERATED	2008		
D001	Solid waste that exhibits the characteristic of ignitability						
D008	Lead						
D007	Chromium	5	POUNDS	GENERATED	2004		
P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts	5	POUNDS	GENERATED	2004		
D002	Solid waste that exhibits the characteristic of corrosivity	1	LITERS	GENERATED	2003		

NOTE: 2012 waste amounts are for 1/1/12 to 11/2/12 only

Map Identification Number 232  **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id:** **NYP004153664**
NYSDEC Address: **BAYARD ST & LEONARD ST** **BROOKLYN, NY** **TT-Id:** **740A-0062-069**

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 407 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: BAYARD ST / LEONARD ST
 Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
More than one waste code was reported for the following waste amount:		150	KILOGRAMS	GENERATED	2007		
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						
D006	Cadmium						
D007	Chromium						
D008	Lead						

Map Identification Number 233  **NYSDEC Name:** **NYSDOT BIN 106560A** **Facility Id:** **NYR000155788**
NYSDEC Address: **I-278 EB OVER GRAHAM AVE** **BROOKLYN, NY 11222** **TT-Id:** **740A-0062-333**
EPA (RCRA) Name: **NYSDOT BIN 106560A**
EPA (RCRA) Address: **I-278 EB OVER GRAHAM AVE** **BROOKLYN, NY 11222**

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 466 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: I-278 / GRAHAM AVE
 Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR

Land Disposal: Receives offsite waste:
 Storer: Treatment facility:

Notification date: 12/27/2007

Incinerator:
 Transporter:

Contact Name: CARL KOCHERSBERGER Source Type: Implementer
 Contact Name: CARL KOCHERSBERGER Source Type: Notification

Contact Phone: 518-485-9161 Contact Info Date: 12/26/2007
 Contact Phone: 518-485-9161 Contact Info Date: 12/27/2007

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
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NONE Site reported by US EPA. No hazardous waste activity reported by NYS.

Map Identification Number 234  **NYSDEC Name:** **NYSDOT BIN 106560B** **Facility Id: NYR000155796**
 NYSDEC Address: I-278 WB OVER GRAHAM AVE BROOKLYN, NY 11222 TT-Id: 740A-0062-334
 EPA (RCRA) Name: NYSDOT BIN 106560B
 EPA (RCRA) Address: I-278 WB OVER GRAHAM AVE BROOKLYN, NY 11222

MAP LOCATION INFORMATION
 Site location mapped by: ADDRESS MATCHING
 Approximate distance from property: 466 feet to the ENE

ADDRESS CHANGE INFORMATION
 Revised street: I-278 / GRAHAM AVE
 Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR
 Land Disposal: Receives offsite waste:
 Storer: Treatment facility:
 Contact Name: CARL KOCHERSBERGER Source Type: Implementer
 Contact Name: CARL KOCHERSBERGER Source Type: Notification

Notification date: 12/27/2007
 Incinerator:
 Transporter:
 Contact Phone: 518-485-9161 Contact Info Date: 12/26/2007
 Contact Phone: 518-485-9161 Contact Info Date: 12/27/2007

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
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NONE Site reported by US EPA. No hazardous waste activity reported by NYS.

Map Identification Number 235  **NYSDEC Name:** **GRAF AIR** **Facility Id: NYD986929677**
 NYSDEC Address: 407 LEONARD ST BROOKLYN, NY 11201 TT-Id: 740A-0013-452
 EPA (RCRA) Name: GRAF AIR PROPERTY
 EPA (RCRA) Address: 407 LEONARD ST BROOKLYN, NY 11222

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 477 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: 407 LEONARD STREET
 Revised zip code: 11222

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 11/02/1990
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:
 Contact Name: PAT FITZGERALD Source Type: Implementer Contact Phone: 815-338-3120 Contact Info Date: 01/01/2007
 Contact Name: PAT FITZGERALD Source Type: Notification Contact Phone: 815-338-3120 Contact Info Date: 11/02/1990

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	110	GALLONS	GENERATED	1990		

Map Identification Number 236  **NYSDEC Name:** NYC FIRE DEPT ENGINE CO 229 **Facility Id: NYR000040410**
 NYSDEC Address: 75 RICHARDSON ST BROOKLYN, NY 11211 TT-Id: 740A-0011-619
 EPA (RCRA) Name: NYC FIRE DEPT ENGINE CO 229
 EPA (RCRA) Address: 75 RICHARDSON ST BROOKLYN, NY 112111305

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 551 feet to the WSW

ADDRESS CHANGE INFORMATION
 Revised street: NO CHANGE
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: 06/04/1997
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:
 Contact Name: ROBERT WING Source Type: Notification Contact Phone: 718-981-7683 Contact Info Date: 06/04/1997

Historically listed as the following USEPA RCRA Generator Size(s) as well:
 SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 237  **NYSDEC Name:** CONSOLIDATED EDISON **Facility Id:** NYP004029153
NYSDEC Address: MH64805-MEEKER AVE & FROST ST NEW YORK, NY **TT-Id:** 740A-0014-936

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 564 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: FROST ST / MEEKER AV
 Revised zip code: 11211

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	809	KILOGRAMS	GENERATED	1998		

Map Identification Number 238  **NYSDEC Name:** CONSOLIDATED EDISON **Facility Id:** NYP004150322
NYSDEC Address: MEEKER AVE AND FROST ST BROOKLYN, NY 11211 **TT-Id:** 740A-0063-837
EPA (RCRA) Name: CON EDISON MANHOLE 64805
EPA (RCRA) Address: MEEKER AVE & FROST ST BROOKLYN, NY 11211

MAP LOCATION INFORMATION
 Site location mapped by: MANUAL MAPPING (3)
 Approximate distance from property: 564 feet to the SW

ADDRESS CHANGE INFORMATION
 Revised street: MEEKER AVE / FROST ST
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: None Given
 Land Disposal: Receives offsite waste: Incinerator:
 Storer: Treatment facility: Transporter:
 Contact Name: FRANKLIN MURRAY Source Type: Annual/Biennial Report update with Notification Contact Phone: 212-460-2808 Contact Info Date: 02/21/2008
 Contact Name: DANIEL PONTECORVO Source Type: Emergency Contact Phone: 212-580-8383 Contact Info Date: 03/14/2008
 Contact Name: DANIEL PONTECORVO Source Type: Implementer Contact Phone: 212-580-8383 Contact Info Date: 03/15/2008

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	1794	KILOGRAMS	GENERATED	2007		

Map Identification Number 239  **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004185401**
NYSDEC Address: MEEKER AVE & FROST ST – MH64805 BROOKLYN, NY 11202 TT-Id: 740A-0067-855

MAP LOCATION INFORMATION **ADDRESS CHANGE INFORMATION**
 Site location mapped by: MANUAL MAPPING (3) Revised street: MEEKER AVE / FROST ST
 Approximate distance from property: 564 feet to the SW Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
 Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
More than one waste code was reported for the following waste amount:		100	KILOGRAMS	GENERATED	2009		
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						
D006	Cadmium						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

Map Identification Number 240  **NYSDEC Name:** **NYCDEP** **Facility Id: NYP000954487**
NYSDEC Address: 75 FROST ST BROOKLYN, NY TT-Id: 740A-0013-532

MAP LOCATION INFORMATION **ADDRESS CHANGE INFORMATION**
 Site location mapped by: MANUAL MAPPING (3) Revised street: NO CHANGE
 Approximate distance from property: 592 feet to the SW Revised zip code: 11211

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D001	Solid waste that exhibits the characteristic of ignitability	1240	POUNDS	GENERATED	2003		
D002	Solid waste that exhibits the characteristic of corrosivity	40	POUNDS	GENERATED	2003		

Map Identification Number 241



NYSDEC Name:

NYSDEC Address:

NYCDEP

75 FROST ST

BROOKLYN, NY

Facility Id: NYP003600826

TT-Id: 740A-0013-534

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 592 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11211

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:

Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	YEAR
D002	Solid waste that exhibits the characteristic of corrosivity	50	POUNDS	GENERATED	1999		



NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 242	CITY BARREL		Site Number Id:	Registry Id: N
	421 MEEKER STREET	BROOKLYN, NY 11222		TT-Id: 840A-0000-409

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 188 feet to the ENE*

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 Division of Hazardous Waste Remediation
 Hazardous Substance Waste Disposal Site Study

Inventory Status: Removed from the Hazardous Substance Inventory
Reason site did not qualify for the Inventory:
No evidence of disposal

SITE INFORMATION

Site Name: CITY BARREL	Site Number:
Site Street: 421 MEEKER STREET	Registry: No
Site City: BROOKLYN	Registry Site ID: None
Site Zip: 11222	RCRA: Unknown
Region: 2	EPA ID: NYD068298835

US EPA No Further Remedial Action Planned? Unknown

Site Code: 1
Description: INDUSTRIAL SITE

Acres: 0.00	Quadrangle: Unknown
Completed Investigation? PA	HRS Score: Unknown
Is Site Active: Unknown	HRS Date: Unknown
Years of Operation: 1940 to Unknown	

Site Description:

Storage site for reconditioned drums.

Owner: Private
 Owner Name: HARRY GOLDSTEIN
 Owner Street: 421 MEEKER ST.
 Owner City/ZIP/State: BROOKLYN, NY 11222
 Owner Telephone: (212)388-9227

Operator: SAME
 Operator Name: Unknown
 Operator Street: Unknown
 Operator City/ZIP/State:
 Operator Telephone: Unknown

SITE IMPACT DATA

Affected Media:

Contamination of...		Hazardous Substance Exposed?	Unknown
...Surface Water?	No	Controlled Site Access?	Unknown
...Groundwater?	No	Ambient Air Contamination?	Unknown
...Drinking Water?	No	Threat of Direct Contact?	Unknown
Surface Water Class:	Unknown	Documented Fish or Wildlife Mortality?	No
Groundwater Class:	Unknown	Impact on Special Status Fish or Wildlife Resource?	No
		Active Drinking Water Supply?	Unknown

Descriptions:

Surface Water:	None provided
Groundwater:	None provided
Drinking Water:	None provided
Fish or Wildlife Mortality:	None provided
Special Status Fish or Wildlife Resource:	None provided
Building:	None provided

THREAT TO THE ENVIRONMENT OR PUBLIC HEALTH

Threat to the Environment or the Public Health: None

Threat Posed by Disposed Hazardous Substance:

The drums in storage have been reconditioned by another company before being brought on site.

HAZARDOUS SUBSTANCES DISPOSED:

VOCs: No Semi-VOCs: No PCBs: No Pesticides: No Metals: No Asbestos: No

Hazardous Substances Disposed:

There is no history of hazardous wastes on site.

SELECTED ANALYTICAL INFORMATION:

Samples Collected:
None

Air:	None provided
Surface Water:	None provided
Surface Soil:	None provided
Waste:	None provided
EPToxicity:	None provided
Groundwater:	None provided
Sediment:	None provided
Subsurface Soil:	None provided
Leachate:	None provided
TCLP:	None provided

AGENCY INFORMATION:

Regulatory Agencies Involved:
NYSDEC NYSDOH

Preparer:
Julie Welch NYSDEC, Intern, RPI Env.Eng.Tech. 1 February 14, 1994



NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 243



ELLI WOODWORKING INDUSTRIES
121-125 NEWTON STREET

Facility Id: 36047P0003
BROOKLYN, NY 11222

State-county CDS Id: 36047P0003
State-county NED id:
TT-ID: 900A-0002-332

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 595 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

CDS-ID: P0003 NED-ID: None Given

Plant Phone #1: None Given Plant Phone #2: None Given

Operating Status: OPERATING

EPA Classification:

State Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR

EPA Plant Compliance Status:

State Plant Compliance Status: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE

EPA-ID: None Given

FINDS-ID: None Given

AIR PROGRAM INFORMATION

Regulatory Air Program: SIP SOURCE

Program Status: OPERATING

POLLUTANT INFORMATION

Pollutant: VOLATILE ORGANIC COMPOUNDS

State Pollutant Compliance for this pollutant: IN VIOLATION WITH REGARD TO BOTH EMISSIONS AND PROCEDURAL COMPLIANCE



CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 244

NYC BD OF ED – JUNIOR HIGH SCH
424 LEONARD STREET

BROOKLYN, NY 11222

Facility Id: NY0000379990
TT-Id: 920A-0000-310

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 368 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

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CIVIL ENFORCEMENT DOCKET CASE INFORMATION

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DOCKET CASE #	COURT DOCKET NUMBER	DATE FILED	DATE CONCLUDED	JUDICIAL DISTRICT	CASE NAME
02-1994-0052	98 CIV 5095 (SHS)	07-21-1998	07-20-1999	SDNY	NEW YORK CITY SCHOOL CONSTRUCT

DEFENDANT NAME(S): ADMIRAL ABATEMENT
ASBESTOS PRO'S, INC.
CERTIFIED ASBESTOS CORP.
CST ENVIRONMENTAL, INC.
EWT CONTRACTING, INC.
KISS CONSTRUCTION
NATIONAL ENVIRONMENTAL SAFETY COMP., INC
NEW YORK CITY SCHOOL CONSTRUCTION AUTH
TRIO ASBESTOS REMOVAL CORPORATION

LAW(S) VIOLATED

Clean Air Act – Section 112
Clean Air Act – Section 113

DISPOSITION OF CASE

Consent instrument with penalty

FEDERAL PENALTY ASSESSED 175000 COST RECOVERY AWARDED

TYPE OF VIOLATION(S)

Asbestos Requirement Violation (CAA)

National Emission Standard for Hazardous Air Pollutant

TYPE OF POLLUTANT(S)
ASBESTOS



NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS – "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS

PLEASE NOTE: * Compass directions can vary substantially for sites located very close to the subject property address.

Map Identification Number 245 **BLOCK: 2723 LOT: 30**
 415 MANHATTAN AVENUE

TT-Id: 820A-0001-877

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
 Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02723-0030	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Air Quality – Operable Window Limitations Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 246 **BLOCK: 2723 LOT: 29**
 417 MANHATTAN AVENUE

TT-Id: 820A-0001-876

MAP LOCATION INFORMATION
 Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 26 feet to the NW*

ADDRESS CHANGE INFORMATION
 Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02723-0029	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Air Quality – Operable Window Limitations Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 247 **BLOCK: 2723 LOT: 33**
 391 MEEKER AVENUE

TT-Id: 820A-0001-878

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 87 feet to the S*

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02723-0033	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Air Quality – Operable Window Limitations Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 248 **BLOCK: 2723 LOT: 36**
 113 RICHARDSON STREET

TT-Id: 820A-0001-879

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 104 feet to the SW*

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02723-0036	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Air Quality – Operable Window Limitations Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 249 **BLOCK: 2723 LOT: 37**
 111 RICHARDSON STREET

TT-Id: 820A-0001-880

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 123 feet to the SW*

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02723-0037	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 250 **BLOCK: 2724 LOT: 1**
 411 MEEKER AVENUE

TT-Id: 820A-0001-882

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 125 feet to the ENE*

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02724-0001	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 251 **BLOCK: 2724 LOT: 37**
 417 MEEKER AVENUE

TT-Id: 820A-0001-891

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 152 feet to the ENE*

ADDRESS CHANGE INFORMATION

Revised street: No Change

Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02724-0037	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 252 **BLOCK: 2724 LOT: 7**
 430 MANHATTAN AVENUE

TT-Id: 820A-0001-883

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 180 feet to the NNE*

ADDRESS CHANGE INFORMATION

Revised street: No Change

Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02724-0007	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 253 **BLOCK: 2724 LOT: 34**
 419 MEEKER AVENUE

TT-Id: 820A-0001-890

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 191 feet to the ENE*

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02724-0034	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 254 **BLOCK: 2723 LOT: 38**
 101 RICHARDSON STREET

TT-Id: 820A-0001-881

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 202 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02723-0038	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 255 **BLOCK: 2724 LOT: 10**
 130 BAYARD STREET

TT-Id: 820A-0001-884

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 217 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02724-0010	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 256 **BLOCK: 2724 LOT: 33**
 MEEKER AVENUE

TT-Id: 820A-0001-889

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)
 Approximate distance from property: 221 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: No Change
 Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02724-0033	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

Map Identification Number 257 **BLOCK: 2724 LOT: 31**
 433 MEEKER AVENUE

TT-Id: 820A-0001-888

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 247 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: No Change

Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
3-02724-0031	E-138	04DCP003K	050110 ZRK 050111 ZMK 050415 MMK 040416 MMK 040417 MMK 040418 MMK 050110 (A)ZRK 050111 (A)ZMK	12c 12d 13a 13b	05/11/2005		Underground Gasoline Storage Tanks Testing Protocol

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
415 Manhattan Avenue
Brooklyn, NY 11222

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

Unmappable facilities for 'Kings' County

NPL/CERCLIS/NYSDEC Inactive Haz. Waste or Reg. Qual. Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYD980531628	WILLIAM HARVEY CORP	UNKNOWN	BROOKLYN	UNKNOWN
NYD980532014	BKLYN UNION GAS /GREENPOINT ENERGY FACIL	287 MASPETH AVE	BROOKLYN	UNKNOWN
NYD980532030	BKLYN UNION GAS /WILLIAMSBURGH WORKS	KENT AVE N 12TH ST /E RIV	BROOKLYN	11211
NYD980532220	BKLYN UNION GAS /MASPETH GATE STA	285 MASPETH AVE	BROOKLYN	UNKNOWN
NYD980532261	BKLYN UNION GAS/VARICK GATE STATION	438 VARICK AVE	BROOKLYN	UNKNOWN
NYD987015245	NEWTOWN CREEK SOLVENT DRUM	NEWTOWN CREEK	QUEENS	UNKNOWN

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
24D05	EMPIRE MILL DEMO			UNKNOWN
24D07	RED HOOK CONTAINER DEMO			UNKNOWN
24M01	ASHMONT METALS RES.REC.			UNKNOWN
24T55	CARDELLA TRUCKING			UNKNOWN
24T75	ROBERT BOLOGNA WCTB INC.			UNKNOWN
24TA8	U.S. COAST LINE, INC.			UNKNOWN
24TB3	J. WISE EXCAVATING			UNKNOWN
24Y81	NYCDPR YARD WASTE COMPOST			UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1209744	BROOKLYN BATTERY TUNNEL	BROOKLYN BATTERY TUNNEL		UNKNOWN
9113333	MCGUINNESS BVD/LEONARD ST	MCGUINNESS BVD/LEONARD ST	BROOKLYN	UNKNOWN
1214948	SUB STATION TRANSFORMER	776 886 ST	BROOKLYN	UNKNOWN
1211499	BASEMENT	36 PARGETHE STREET	BROOKLYN	UNKNOWN
1209854	MONTAQUE RAIL STATION IN TUBE	MONTAQUE RAIL STATION IN TUBE	BROOKLYN	UNKNOWN
1209775	BROOKLYN	ALL STREETS	BROOKLYN	UNKNOWN
1111782	LORIMER ST STATION	LORIMER ST STATION	BROOKLYN	UNKNOWN
0612595	PORT AUTHORITY -BUILDING #111	FOOT OF HAMILTON AVE	BROOKLYN	UNKNOWN
0308367	AGUANA SUBSTATION	104-27 STREET	BROOKLYN	UNKNOWN
0004685	EXXON GAS STATION	NORTH HENRY STREET	BROOKLYN	11222

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8607075				UNKNOWN
9510983	1848 STEWART ST	1848 STEWART ST	BROOKLYN	UNKNOWN
9313502	1782 GLEASON AVE	1782 GLEASON AVE	BROOKLYN	UNKNOWN
9209000	1621 EAST KENT STREET	1621 EAST KENT STREET	BROOKLYN	UNKNOWN
9109440	HOBBY SHOP GARAGE/US NAVY	HOBBY SHOP GARAGE	BROOKLYN	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0605577	MERIDIAN PROPERTIES	101 LINCOLN BLVD	BROOKLYN	UNKNOWN
8806571	CLOSED-LACKOF RECENT INFO	ADMINISTRATION BLDG	NYC	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9213773				UNKNOWN
8603146				UNKNOWN
0700460	IN FRONT OF BJ'S IN ROADW	339 GATEWAY STREET	BRONX	UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
9912359	BOX 20341	715 PAHALEY ST	BROOKLYN	UNKNOWN
9909853	MANHOLE 4932	UNION AV	BROOKLYN	UNKNOWN
9908069	MANHOLE #4835	9TH ST & ROEBLING ST	BROOKLYN	11211

9907077	MANHOLE 58390	NECKING LAND AVE	BROOKLYN	UNKNOWN
9901648	MANHOLE 15165	MANHATTEN AVENUE	BROOKLYN	UNKNOWN
9901523	BROWNING FERRIS INDUSTRIE	115 CANGNEF STREET ?	BROOKLYN	UNKNOWN
9900252	MANHOLE #43243	WEST SIDE UNION AVE	BROOKLYN	UNKNOWN
9815288	MANHOLE 14244	29-39 HAYWOOD ST	BROOKLYN	UNKNOWN
9813982	SERVICE BOX 49009	SERVICE BOX 49009	BROOKLYN	UNKNOWN
9812720		2929 BAINBRIDGE AVE	BROOKLYN	UNKNOWN
9810573		MARINE COMPANY 6	BROOKLYN	UNKNOWN
9801951	432 DRAKES AVE CORP	432 DRAKES AVE	BROOKLYN	UNKNOWN
9709098	MEEKER AVE	MEEKER AVE	BROOKLYN	UNKNOWN
9503484	BQE - SOUTH LIE BRIDGE	BROOKLYN QUEENS EXPRESSWAY - SOUTH LIE B	BROOKLYN	UNKNOWN
9412310	217 HYLAND ST	217 HYLAND ST	BROOKLYN	UNKNOWN
9404558	NYC DOT- B'KLYN NAVY YARD	NYC DOT-B'KLYN NAVY YARD	BROOKLYN	UNKNOWN
9312482	NAVESINK RIVER CHANNEL #7	NAVESINK RIVER CHANNEL #7	BROOKLYN	UNKNOWN
9306596	BET.N. 13TH TO N. 6TH	BET.N. 13TH TO N. 6TH	BROOKLYN	11211
9306347	WHITE AVE - BLDG 114	WHITE AVE - BLDG 114	BROOKLYN	UNKNOWN
9305573	VARIOUS LOTS IN BROOKLYN	VARIOUS LOTS IN BROOKLYN	BROOKLYN	UNKNOWN
9214290	1200 NECK ROAD	1200 NECK ROAD	BROOKLYN	UNKNOWN
9210843	UNK	UNKNOWN	BROOKLYN	UNKNOWN
9007166	FORREST ST & DIVISION PL	FORREST ST & DIVISION PL	BROOKLYN	UNKNOWN
9004558	GUID AVE BRIDGE/BKLYN	GUID AVE BRIDGE	BROOKLYN	UNKNOWN
8906523	MCGUINNSS BLVD/BKLYN	MCGUINNESS BLVD	BROOKLYN	11222
8901311	METROPOLITAN AV STOP/BKLY	METROPOLITAN AVE STOP	BROOKLYN	UNKNOWN
8704318			BROOKLYN	UNKNOWN
8504687	BROOKLYN	BROOKLYN	BROOKLYN	UNKNOWN
8503785	BROOKLYN	BROOKLYN	BROOKLYN	UNKNOWN
8503558	BROOKLYN	BROOKLYN	BROOKLYN	UNKNOWN
8503309	SUNOCO BROOKLYN	BROOKLYN	BROOKLYN	UNKNOWN
8503172	BROOKLYN, KINGS	BROOKLYN, KINGS	BROOKLYN	UNKNOWN
8502862	GAS COMPANY	GAS COMPANY	BROOKLYN	UNKNOWN
8100041	SUBWAY-NYC	SUBWAY-NYC	BROOKLYN	UNKNOWN
7900928			BROOKLYN	UNKNOWN
7800995	UNKNOWN	MEEKER AVENUE	BROOKLYN	UNKNOWN
1103986	ON WATER	OFF GARRISON BEACH	BROOKLYN	UNKNOWN
1010737	SHEEN ON WATER	NEW TOWN CREEK	BROOKLYN	UNKNOWN
0805122	MANHOLE 72	ROEBLING STREET	BROOKLYN	UNKNOWN
0803914	LAFARGE CEMENT CO	UNKNOWN	BROOKLYN	UNKNOWN
0711377	3424 CLINTON ROAD	3424 CLINTON ROAD	BROOKLYN	UNKNOWN
0604221	BQE	EXIT 31 WEST BOUND	BROOKLYN	11211
0410681	TRANFORMER VAULT #TM993	SUMNER AVE. AND DEKALB	BROOKLYN	UNKNOWN
0410369	RESIDENCE	57 BRAND STREET	BROOKLYN	UNKNOWN
0405797	VAULT #VS-7930	3411 JUIEER AVE	BROOKLYN	UNKNOWN
0405795	MANHOLE #12085	SW CORNER BEERY ST	BROOKLYN	UNKNOWN
0405023	VAULT # 3182	DEBEVOIST PLACE/LAFAYETTE	BROOKLYN	UNKNOWN
0313862	MAN HOLE #70603	MANHATTAN AVE & MESEROLE	BROOKLYN	UNKNOWN
0312773	SUBWAY SYSTEM-A LINE	TRACK A-3- COLUMN 792	BROOKLYN	UNKNOWN
0310941	MANHOLE 32221 FRONT OF	298 HAWKSIDE AVE	BROOKLYN	UNKNOWN
0211077	ALL OVER BROOKLYN	ALL OVER BROOKLYN	BROOKLYN	UNKNOWN
0210905	TM 70	METROPOLITAN AVE	BROOKLYN	11211
0106512	MANHOLE 64801	BROOKLYN QUEENS EXPRESSWAY	BROOKLYN	UNKNOWN
0104614	ON CORNER	GREENWICH ST/BUSHWICK AVE	BROOKLYN	UNKNOWN
0002339	MANHOLE 59642	BEDFORD AVE & EAST STREET	BROOKLYN	UNKNOWN
0313895		BARRICK ST S OF HARRISON	GREEN POINT	UNKNOWN
9904431		FLUSHING/QUARTER AVE	MANHATTAN	UNKNOWN
0913993	215348; BEDFORD AVENUE AND E 120TH STREET	BEDFORD AVENUE AND E 120TH STREET	NEW YORK	UNKNOWN
0814568	214383; BERRY ST AND 9TH ST	BERRY ST AND 9TH ST	NEW YORK	11211
0814253	212280; MCGUINNESS BLVD.	MCGUINNESS BLVD.	NEW YORK	11222
9103671	145 UNEDON ROAD/BKLYN	145 UNEDON ROAD	NEW YORK CITY	UNKNOWN
8900096	MANHATTAN AVE/BROOKLYN	MANHATTAN AVENUE	NEW YORK CITY	11222
8805083	1 DECIMAL ST/GREENPOINT	1 DECIMAL ST/GREENPOINT	NEW YORK CITY	11222

9206476	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
8504666	UNK	UNKNOWN	UNKNOWN	UNKNOWN
Hazardous Spills - MISC. SPILL CAUSES - Closed				
FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9416745	GREENPOINT BROOKLYN	AMOCO TERMINAL TO STAGG		UNKNOWN
9404620	BROOKLYN EXPWY	UNDER B'KLYN EXPWY	BRONX	UNKNOWN
1006871	COMMERCE PUMP STATION	COMMERCE RD	BRONX	UNKNOWN
0912126	FRIEDMAN RESIDENCE	252 CALHOUN AVE	BRONX	11211
1111553	CONSTRUCTION SITE - NO ADDRESS	TARGET BASIN CHANNEL - ALONG BELL PARKWA	BROOKLYN	UNKNOWN
9914811	POLE #18923	MANOR RD/HOLLYWOOD AVE	BROOKLYN	UNKNOWN
9907586	VAULT 2488	45 DEBEVOISE PLACE	BROOKLYN	UNKNOWN
9902625	RUSSEL STREET	RUSSELL STREET	BROOKLYN	11222
9710120	NEWTON CREEK REG #B7	METROPOLITAN AV	BROOKLYN	UNKNOWN
9602674	CROSS HARBOR	BOX 182	BROOKLYN	UNKNOWN
9510467	DRIVER SERVICES CO	172 CARSON AVE	BROOKLYN	UNKNOWN
9510464	MANHOLE 64643	NORTH HENRY STREET	BROOKLYN	11222
9508762	PERGAMENT STORES	57 65TH AVE	BROOKLYN	UNKNOWN
9505873	METROPOLITAN AVENUE	METROPOLITAN AVENUE	BROOKLYN	11211
9505269	N. ELEANOR PL/WILLIAMBURG	MANHOLE #55915/ELEANOR PL	BROOKLYN	UNKNOWN
9409670	531 144TH STREET	531 144TH STREET	BROOKLYN	UNKNOWN
9314528	55 FULTON ST.	55 FULTON ST	BROOKLYN	UNKNOWN
9308950	JAMAICA REGULATOR #3	JAMAICA REGULATOR #3	BROOKLYN	UNKNOWN
9307635	KINGSLAND AVENUE	KINGSLAND AVENUE	BROOKLYN	UNKNOWN
9307209	HILLARY STREET	HILLARY STREET	BROOKLYN	UNKNOWN
9304944	1604 LOTS 28 & 37-44 PLUS	1604 LOTS 28 & 37-44 PLUS	BROOKLYN	UNKNOWN
9213983	1149 SLAVEY AVENUE	1149 SLAVEY AVENUE	BROOKLYN	UNKNOWN
9210698	2110 BOLTON STREET	2110 BOLTON STREET	BROOKLYN	UNKNOWN
9207289	LYNROCK NURSING HOME	LYNROCK NURSING HOME	BROOKLYN	UNKNOWN
9205306	909 AVE G	909 AVE G	BROOKLYN	UNKNOWN
9203867	280 ELDRIDGE ST	280 ELDRIDGE ST	BROOKLYN	UNKNOWN
9201537	241 N MAIN ST/TOP SHELF	241 N MAIN ST/TOP SHELF	BROOKLYN	UNKNOWN
8607666	CHEVRON STATION / BROOKLYN	CHEVRON/DRUM	BROOKLYN	UNKNOWN
8606856			BROOKLYN	UNKNOWN
8603569	WILLIAMSBURG	WILLIAMSBURG	BROOKLYN	UNKNOWN
8601448	A DRIVE IN THE E. RIVER	400 YDS SOUTH NEWTOWN CK	BROOKLYN	11222
1207169	STREET	WHIKOSS AVE	BROOKLYN	UNKNOWN
1204507	GENERATOR LEAK AND FIRE (US POWER GEN)	1 WHALE COURT	BROOKLYN	UNKNOWN
1201439	BROOKLYN CRUISE TERMINAL	BROOKLYN CRUISE TERMINAL	BROOKLYN	UNKNOWN
1200646	HESS TERMINAL	CORTEZ RD AND CLAYTON ST	BROOKLYN	UNKNOWN
1113411	PORT NY/NJ	PORT	BROOKLYN	UNKNOWN
1103584	IN FRONT OF	184 BRIGGS AVE	BROOKLYN	UNKNOWN
1101447	POLE # 62699	2715 ROUND ST	BROOKLYN	UNKNOWN
1012925	ROADWAY	WASHINGTON PLAZA	BROOKLYN	UNKNOWN
1009644	ROADWAY	WASHINGTON PLAZA	BROOKLYN	UNKNOWN
1009174	222112; AINSLEY ST	AINSLEY ST	BROOKLYN	11211
1009088	221422; S NY AVE	S NY AVE	BROOKLYN	UNKNOWN
1008141	GOWANUS BAY/US POWER GEN	420 AND 2END AVE	BROOKLYN	UNKNOWN
1006504	NYCT LUBRICATING OIL SPILL	BROOKLYN AVE & E 71ST ST	BROOKLYN	UNKNOWN
1005877	UNDERGROUND TRANSFORMER VAULT #2705	49-59 DEBEVOISE PLACE	BROOKLYN	UNKNOWN
1005512	NEWTOWN CREEK-BUCKEYE PIPE	ACROSS FROM THE BUCKEYE	BROOKLYN	UNKNOWN
1002941	ON ROADWAY	ON BQE BETWEEN	BROOKLYN	UNKNOWN
0914424	218248; YORK STREET AND GREEN LANE	YORK STREET AND GREEN LANE	BROOKLYN	UNKNOWN
0912508	REGULATOR OH-6	BROOKLYN ARMY TERMINAL	BROOKLYN	UNKNOWN
0808967	DRUM RUN	RYERSON AVE	BROOKLYN	UNKNOWN
0807442	BROOKLYN CRUISE TERMINAL	1 CRUIZE WAY	BROOKLYN	UNKNOWN
0806633	NYCT BUS	AVE J AND FULTON ST	BROOKLYN	UNKNOWN
0805706	MANHOLE #724	YORK ST/ GREEN LANE	BROOKLYN	UNKNOWN
0804294	NYCDEP FACILITY	NEWTOWN CREEK	BROOKLYN	UNKNOWN
0712922	BREE AVE AND BRIGGS AVE	BREE AVE AND BRIGGS AVE	BROOKLYN	UNKNOWN

0712067	11 ST CONDUIT TUNNEL O/W SEPERATOR	11 & BERGEN. ASH ST & MCGUINESS	BROOKLYN	UNKNOWN
0706451	ONE PINT FROM AERIAL XFMR ON POLE	IN FRONT OF 230-50 EDGEWOOD AVE	BROOKLYN	UNKNOWN
0702015	ATLANTIC SUBWAY	ATLANTIC/PACIFIC	BROOKLYN	UNKNOWN
0701967	SPRAGUE ENERGY TRUCK	2449 HALLWAY AVE	BROOKLYN	UNKNOWN
0701086	FORMER BUS YARD	CARLTON AVE	BROOKLYN	UNKNOWN
0701011	IN THE STREET	KENTH AVE	BROOKLYN	UNKNOWN
0611241	HESS TERMINAL	PORT STREET	BROOKLYN	UNKNOWN
0610884	PARKING LOT	909 PROMOTIONAL DEV. IND	BROOKLYN	UNKNOWN
0607043	DEP FACILITY	WEST SIDE OF DIGESTER BUI	BROOKLYN	UNKNOWN
0606084	UNKNOWN	UNKNOWN	BROOKLYN	UNKNOWN
0602892	MANHOLE#67572	BERGEN ST & CRESENT AVE	BROOKLYN	UNKNOWN
0600561	EXIT 34	ROUTE 278 SOUTHBOUND	BROOKLYN	11222
0508865	GOWANAS EXPRESSWAY	MEDIAN MILE 3RD/6TH EXIT	BROOKLYN	UNKNOWN
0503928	MANHOLE 23700	PALISADES AVE	BROOKLYN	UNKNOWN
0406210	MANHOLE #4443	FRONT OF KINGS LAND AVE	BROOKLYN	UNKNOWN
0307966		QUEENS CO. HOSPITAL	BROOKLYN	UNKNOWN
0301260	ON NEWTOWN CREEK	1 MILE FROM MANHATTAN AVE	BROOKLYN	UNKNOWN
0211699	IN THE 11ST ST CONDUIT	BROOKLYN SIDE OF TUNNEL	BROOKLYN	UNKNOWN
0210902	RESIDENTS	2526 HERBERT STREET	BROOKLYN	11222
0207970	OPPOSITE	1630 SEMARKS AVE	BROOKLYN	UNKNOWN
0104610	CORONA YARD	UNKNOWN	BROOKLYN	UNKNOWN
0010826	MANHOLE #13119	S/O MASPETH AV	BROOKLYN	11211
9416392	WILLIAMSBURG AVE	WILLIAMSBURG AVENUE	GREENPOINT	11211
0814187	211097; NASSAU ST AND NASSAU PL	NASSAU ST AND NASSAU PL	NEW YORK	UNKNOWN
8902723	BROOKLYN/QUEENS EXPWY	BROOKLYN/QUEENS EXPWY	NEW YORK CITY	UNKNOWN
8810118	BLDG 3 SUB STATION/BKLYN	BLDG 3 SUB STATION	NEW YORK CITY	UNKNOWN
8807156	WILLIAMSBURG/KOSCIUSKO	WILLIAMSBURG/KOSCIUSKO	NEW YORK CITY	UNKNOWN
8709143	BKLYN QUEENS EXPWY/BKLYN	BKLYN QUEENS EXPRESSWAY	NEW YORK CITY	UNKNOWN
0814069	AMBROSE CHANNEL LOWER BAY	UNK	NEW YORK CITY	UNKNOWN
0705363	FIVE GAL LEAK FROM AERIAL XFMR AT	20-30 MASPETH AVENUE	QUEENS	UNKNOWN

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-237280	1160 REALTY CO	1160 REALTY CO	BROOKLYN	UNKNOWN
2-289442	412 AVENUE E	412 AVENUE E	BROOKLYN	UNKNOWN
NY03182	DEPT OF PARKS		BROOKLYN	UNKNOWN
NY08951	SECO MANAGEMENT	B KLYN NY	BROOKLYN	UNKNOWN

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP004021192	CONSOLIDATED EDISON CO	#46211 103 LEONARD		UNKNOWN
NYP004022265	CONSOLIDATED EDISON CO	MH71504 MCGUINESS & INDEP ST		UNKNOWN
NYP004023107	CONSOLIDATED EDISON CO	RODNEY & 40 PL		UNKNOWN
NYP004026936	CONSOLIDATED EDISON CO	V4798 GRAND & CLINTON		UNKNOWN
NYD982791675	MEEKER AVENUE TASK FORCE	MEEKER AVE	BROOKLYN	UNKNOWN
NYD986961571	NYSDOT	MEEKER AVE	BROOKLYN	UNKNOWN
NYD986973691	NYSDOT - CONTRACT BRC253A	60 BROADWAY 7TH FL	BROOKLYN	11211
NYN200000070	WEST 135TH ST MARINE TRANSFER STATION	WEST 135TH ST & NEWTOWN CREEK	BROOKLYN	UNKNOWN
NYP000788471	USEPA	ERRD	BROOKLYN	UNKNOWN
NYP000927988	CONSOLIDATED EDISON	LEONARDA STREET	BROOKLYN	UNKNOWN
NYP000928275	CONSOLIDATED EDISON	875 KAGERS AVE	BROOKLYN	UNKNOWN
NYP000928846	CONSOLIDATED EDISON	MH 64217-BROOKLYN GRAND	BROOKLYN	UNKNOWN
NYP000929257	CONSOLIDATED EDISON	5 MARKS ST	BROOKLYN	UNKNOWN
NYP000930156	CON ED - MH1115	E/S LEE AVE	BROOKLYN	11211
NYP003660081	NYCDEP	BQE WEST	BROOKLYN	UNKNOWN
NYP004057972	CONSOLIDATED EDISON	MH21248	BROOKLYN	UNKNOWN
NYP004059010	CONSOLIDATED EDISON	N/S	BROOKLYN	UNKNOWN
NYP004070264	CONSOLIDATED EDISON	MH12645	BROOKLYN	UNKNOWN
NYP004074357	CONSOLIDATED EDISON	MH61205	BROOKLYN	UNKNOWN
NYP004076185	CONSOLIDATED EDISON	MH7746	BROOKLYN	UNKNOWN

NYP004082954	CONSOLIDATED EDISON	40313 FULTON ST & GLASSOW ST	BROOKLYN	UNKNOWN
NYP004136180	CONSOLIDATED EDISON	MH24778-E21ST CONCLAVE I	BROOKLYN	UNKNOWN
NYP004138608	CONSOLIDATED EDISON	S/E/C WILLOUGHBY LANE	BROOKLYN	UNKNOWN
NYP004183331	CONSOLIDATED EDISON MH42983	MH42983 323 TANAKING AVE	BROOKLYN	UNKNOWN
NYP004192154	CONSOLIDATED EDISON MH27077	MH27077	BROOKLYN	UNKNOWN
NYP004194494	CONSOLIDATED EDISON MH44254	MH44254 PARK AVE & SACKMAN ST	BROOKLYN	UNKNOWN
NYP004194890	CONSOLIDATED EDISON MH58388	HEGEMAN AVE & HERZL AVE	BROOKLYN	UNKNOWN
NYP004195525	CONSOLIDATED EDISON	CYPRESS AVE & STATE ST.	BROOKLYN	UNKNOWN
NYP004198099	CONSOLIDATED EDISON	F/O 1802 & 1809 AVE & 618 ST	BROOKLYN	UNKNOWN
NYP004279865	CON EDISON	SW COR SHORE PKWY & BAY LN	BROOKLYN	UNKNOWN
NYR000091413	NYSDOT CONTRACT D258425	BQE CONNECTOR RAMP TO	BROOKLYN	UNKNOWN
NYR000102681	ARLON ENTERPRISES LLC	927 ARLON PL	BROOKLYN	11211
NYR000140855	DLX INDUSTRIES	1970 INDUSTRIAL PARK ROAD	BROOKLYN	UNKNOWN
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYR000067843	NEW YORK CITY DEPT PARKS & RECREATION	11 ROSENGREV AVE	N/S	UNKNOWN
NYD986973691	NYCDOT	WILLIAMSBURG	NEW YORK	UNKNOWN
NYD987005980	NYCDOT	WILLIAMSBURG	NEW YORK	11211
NYP000956961	VERIZON NEW YORK INC MANHOLE	LEANORD AVE	NEW YORK	UNKNOWN
NYP000958751	VERIZON NEW YORK INC. MANHOLE	MEEKER AVENUE	NEW YORK	UNKNOWN
NYP000958777	VERIZON NEW YORK INC. MANHOLE	MEEKER AVENUE	NEW YORK	UNKNOWN
NYP000960666	VERIZON NEW YORK INC.	N/E FOURTH ST MANHOLE	NEW YORK	UNKNOWN
NYP004040804	CONSOLIDATED EDISON	V3711-UNION ST	NEW YORK	UNKNOWN
NYP004043659	CONSOLIDATED EDISON	V52488-45 DEBEVOISE PL	NEW YORK	UNKNOWN
NYP004049482	CONSOLIDATED EDISON	4 IRVING PLACE RM 300	NEW YORK	UNKNOWN
NYP004054946	CONSOLIDATED EDISON	V5971-LEXINGTON AVE	NEW YORK	UNKNOWN
NYP004120424	CONSOLIDATED EDISON	TM2403-N/S MESSERLE E/O 73RD	NEW YORK	UNKNOWN
NYP004141438	CONSOLIDATED EDISON	4 IRVING PL RM 828	NEW YORK	UNKNOWN
NYP000930925	CONSOLIDATED EDISON CO	V3032-1965 LAFAYETTE	QUEENS	UNKNOWN
NYP004006672	CONSOLIDATED EDISON	V3487 - NEWELL AVE	QUEENS	UNKNOWN
NYP004015590	CONSOLIDATED EDISON	V 2720 - N 6TH & ROOSEVELT SQ	QUEENS	11211
NYP004016242	CONSOLIDATED EDISON	V9379-32 HARRISON	QUEENS	UNKNOWN
NYP004045456	CONSOLIDATED EDISON	V2488-45 DEBEVOISE PL	QUEENS	UNKNOWN

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYU200022	NYCDEP OMNIBUS IV ORDER			UNKNOWN
NYU900073	NEW YORK CITY TRANSIT AUTH.			UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
3604700161	MOT/ARMY	NO STREET ADDRESS	BROOKLYN	UNKNOWN
NY047X4UE	SUPERIOR FIBRES INC	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY047XAXP	SHARMONT REALTY	NO STREET ADDRESS	NO CITY NAME	UNKNOWN

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

- B002 Petroleum oil or other liquid containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.
- B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, rags, and dredge material.
- D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.
- D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.
- D003 Solid waste that exhibits the characteristic of reactivity, but is not listed under any other hazardous waste code.
- D005 Barium
- D007 Chromium
- D008 Lead
- D009 Mercury
- P075 Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a digital version of the U. S. Census map or those used by local authorities using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each Toxic Site Profile, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12

Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street

Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

or Manual Mapping

or Site Visit

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a digital version of the street or parcel map. These site locations are identified with the method used to map them.

2) Some toxic sites are located using map coordinates provided by site owners/operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxic Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect.

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup**: Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites. ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.¹
Data attributes updated from: 2/1/2013. Data obtained by Toxics Targeting: 2/1/2013.
New Facilities updated through: 2/1/2013. Data obtained by Toxics Targeting: 2/1/2013.

2) **Inactive Hazardous Waste Disposal Site Registry**: New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry. ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²
Data attributes updated through: 11/28/2012. Data obtained by Toxics Targeting: 11/28/2012.
New Facilities updated to: 11/28/2012. Data obtained by Toxics Targeting: 11/28/2012.

3) **Corrective Action Activity (CORRACTS)**: U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency¹
Data attributes updated through: 2/12/2013. Data obtained by Toxics Targeting: 2/12/2013.
New facilities updated through: 2/12/2013. Data obtained by Toxics Targeting: 2/12/2013.

4) **CERCLIS**: Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. Includes Active and No Further Remedial Action Planned (NFRAP) sites. ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.¹
Data attributes updated through: 11/28/2011. Data obtained by Toxics Targeting: 12/21/2011.
New Facilities updated through: 11/28/2011. Data obtained by Toxics Targeting: 12/21/2011.

5) **Brownfield Programs**: NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. ASTM required.* Source: New York State Department of Environmental Conservation.²
Data attributes updated through: 11/28/2012. Data obtained by Toxics Targeting: 11/28/2012.
New Facilities updated to: 11/28/2012. Data obtained by Toxics Targeting: 11/28/2012.

- (a) **Brownfield Cleanup Program (BCP)**
- (b) **Voluntary Cleanup Program (VCP)**
- (c) **Environmental Restoration Program (ERP)**

6) **Solid Waste Facilities**: a compilation of the following 2 databases:

(a) **NYS Solid Waste Registry**: which includes, but is not limited to, landfills, incinerators, transfer stations, recycling centers. ASTM required.* Fannie Mae required.** Source: New York State Dept. of Environmental Conservation.²
Data updated to: 12/31/2001. Data obtained by Toxics Targeting: 3/16/2002.

(b) **1934 Solid Waste Disposal Site in New York City**: which includes sites operated by municipal authorities circa 1934. Source: City of New York Department of Sanitation (1984). The Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases**:

(a) **Manifest Information**: New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA). ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²

New facilities updated through: 1/17/2013. New facilities obtained by Toxics Targeting: 2/14/2013.
Manifest transactions data updated to: 1/17/2013. Manifest transactions data obtained by Toxics Targeting: 2/14/2013.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency¹

New facilities updated through: 2/12/2013.

Data obtained by Toxics Targeting: 2/12/2013.

Data attributes updated through: 2/12/2013.

Data obtained by Toxics Targeting: 2/12/2013.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). This database includes both *active* and *closed* spills.

ASTM required.* Fannie Mae.**

Source: NYS Department of Environmental Conservation.²

New spills through: 1/29/2013

New spills data obtained by Toxics Targeting: 1/29/2013

Spill attribute data through: 1/29/2013

Spill attribute data obtained by Toxics Targeting: 1/29/2013

Active spills: paperwork not completed.

Closed spills: paperwork completed.

Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons.

Tank & other data withheld by NYSDEC as of 4/1/2002.

ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

Data updated through: 2/13/2013.

Data obtained by Toxics Targeting: 2/13/2013.

10) **Petroleum Bulk Storage Facilities:** a compilation of local and state databases of aboveground and underground petroleum storage tank facilities.

(a) **NYS Petroleum Bulk Storage Database:** This includes all New York State counties except

Cortland, Nassau, Rockland, Suffolk, and Westchester.

ASTM required.* Fannie Mae required.**

Source: NYS Department of Environmental Conservation.²

New facilities updated through: 11/21/2012.

Data obtained by Toxics Targeting: 11/21/2012.

Tank data updated through: 2/13/2013.

Data obtained by Toxics Targeting: 2/13/2013.

(b) **New York City Fire Department Tank Data:**

Data has been withheld by the NYC Fire Dept.

Source: New York City Fire Department.

Data obtained by Toxics Targeting: 2/18/1997

11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law.

ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.²

New facilities updated through: 1/17/2013.

New facilities obtained by Toxics Targeting: 2/14/2013.

Manifest transactions data updated to: 1/17/2013.

Manifest transactions data obtained by Toxics Targeting: 2/14/2013.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).

ASTM required.* Fannie Mae required.**

Source: U. S. Environmental Protection Agency¹

New facilities updated through: 2/12/2013.

Data obtained by Toxics Targeting: 2/12/2013.

Data attributes updated through: 2/12/2013.

Data obtained by Toxics Targeting: 2/12/2013.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size.

Tank & other data withheld by NYSDEC as of 4/1/2002.

ASTM required.* Fannie Mae required.**

Source: New York State Department of Environmental Conservation.²

Data updated through: 2/13/2013.

Data obtained by Toxics Targeting: 2/13/2013.

13) **Historic New York City Utility Facilities (1898 to 1950):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study**: NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.

Source: New York State Department of Environmental Conservation.²

Data updated to: 5/16/2000.

Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI)**: Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency.¹ / NYS Department of Environmental Conservation²

Data updated through: 3/8/2004.

Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System)**: Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.¹

Data updated through: 6/17/2004.

Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities**: EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.

See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency¹

Data updated through: 11/24/1999.

Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket**: This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**

Source: U. S. Environmental Protection Agency.¹

New Sites through: 10/14/1999.

Data updated through: 10/14/1999.

Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites**: These sites are parcels assigned a special environmental (“E”) designation under the CEQR process. E designation requires specific protocols that must be followed.

Source: New York City Department of Planning³

Data updated through: 11/13/2012.

Data obtained by Toxics Targeting: 12/3/2012

20) **Emergency Response Notification System (ERNS)**: Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.

ASTM required.* See Fannie Mae requirement** below.

Source: U. S. Environmental Protection Agency.¹

Data updated through: 1/31/2000.

Data obtained by Toxics Targeting: 2/15/2000

21) **Remediation Site Borders**: Remediation site borders reported by NYSDEC.

Source: New York State Department of Environmental Conservation.²

Updated through: 4/8/2009.

Data obtained by Toxics Targeting: 7/21/2009.

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).

** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

¹U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

²NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

³New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

APPENDIX E

Sanborn Fire Insurance Maps



415 Manhattan Avenue

415 Manhattan Avenue
Brooklyn, NY 11222

Inquiry Number: 3532161.1
March 01, 2013

Certified Sanborn® Map Report

Certified Sanborn® Map Report

3/01/13

Site Name:

415 Manhattan Avenue
415 Manhattan Avenue
Brooklyn, NY 11222

Client Name:

Laurel Env. Assoc., Ltd.
53 West Hills Road
Huntington Station, NY 11746



EDR Inquiry # 3532161.1

Contact: Carla Sullivan

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

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City, State, Zip: Brooklyn, NY 11222
Cross Street:
P.O. # 12-409
Project: 415 Manhattan Avenue
Certification # 3353-4156-A9D4



Sanborn® Library search results
Certification # 3353-4156-A9D4

Maps Provided:

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

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

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

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

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



2007 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

2006 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

2005 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

2004 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

2003 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

2002 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

2001 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1996 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1995 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1993 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1991 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

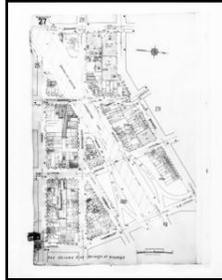


Volume 4, Sheet 25

1989 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1988 Source Sheets



Volume 4, Sheet 27

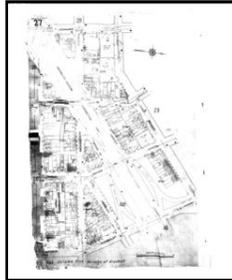


Volume 4, Sheet 29

1987 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1986 Source Sheets



Volume 4, Sheet 27

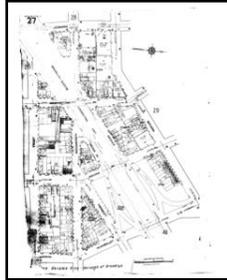


Volume 4, Sheet 29

1983 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1982 Source Sheets



Volume 4, Sheet 27

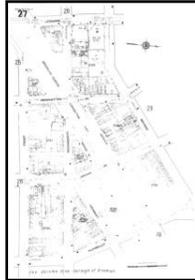


Volume 4, Sheet 29

1981 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1980 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

1979 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

1978 Source Sheets

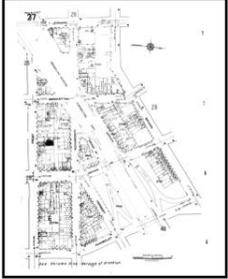


Volume 4, Sheet 29



Volume 4, Sheet 27

1965 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

1951 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1942 Source Sheets



Volume 4, Sheet 29



Volume 4, Sheet 27

1916 Source Sheets



Volume 4, Sheet 27

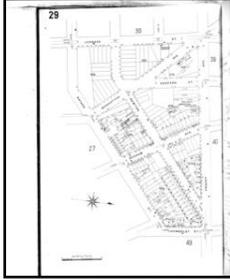


Volume 4, Sheet 29

1905 Source Sheets



Volume 4, Sheet 27



Volume 4, Sheet 29

1887 Source Sheets



Volume 4, Sheet 107



Volume 4, Sheet 100

2007 Certified Sanborn Map



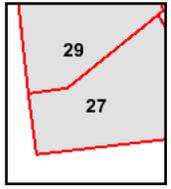
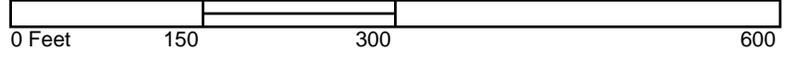
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2005 Certified Sanborn Map



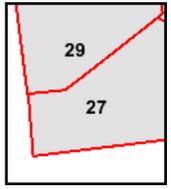
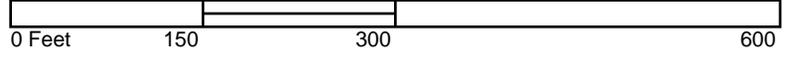
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2004 Certified Sanborn Map



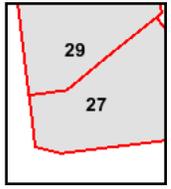
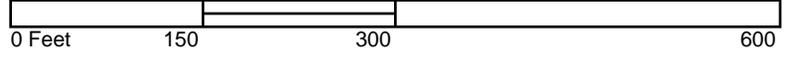
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2003 Certified Sanborn Map



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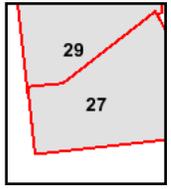
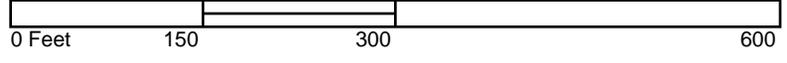
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2002 Certified Sanborn Map



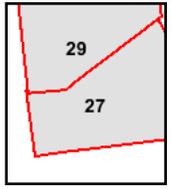
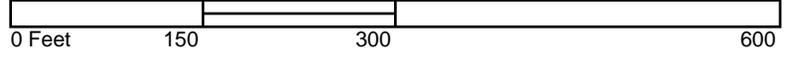
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2001 Certified Sanborn Map



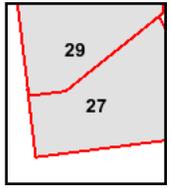
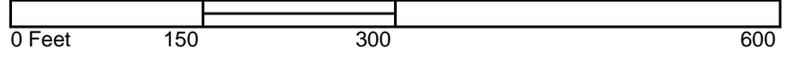
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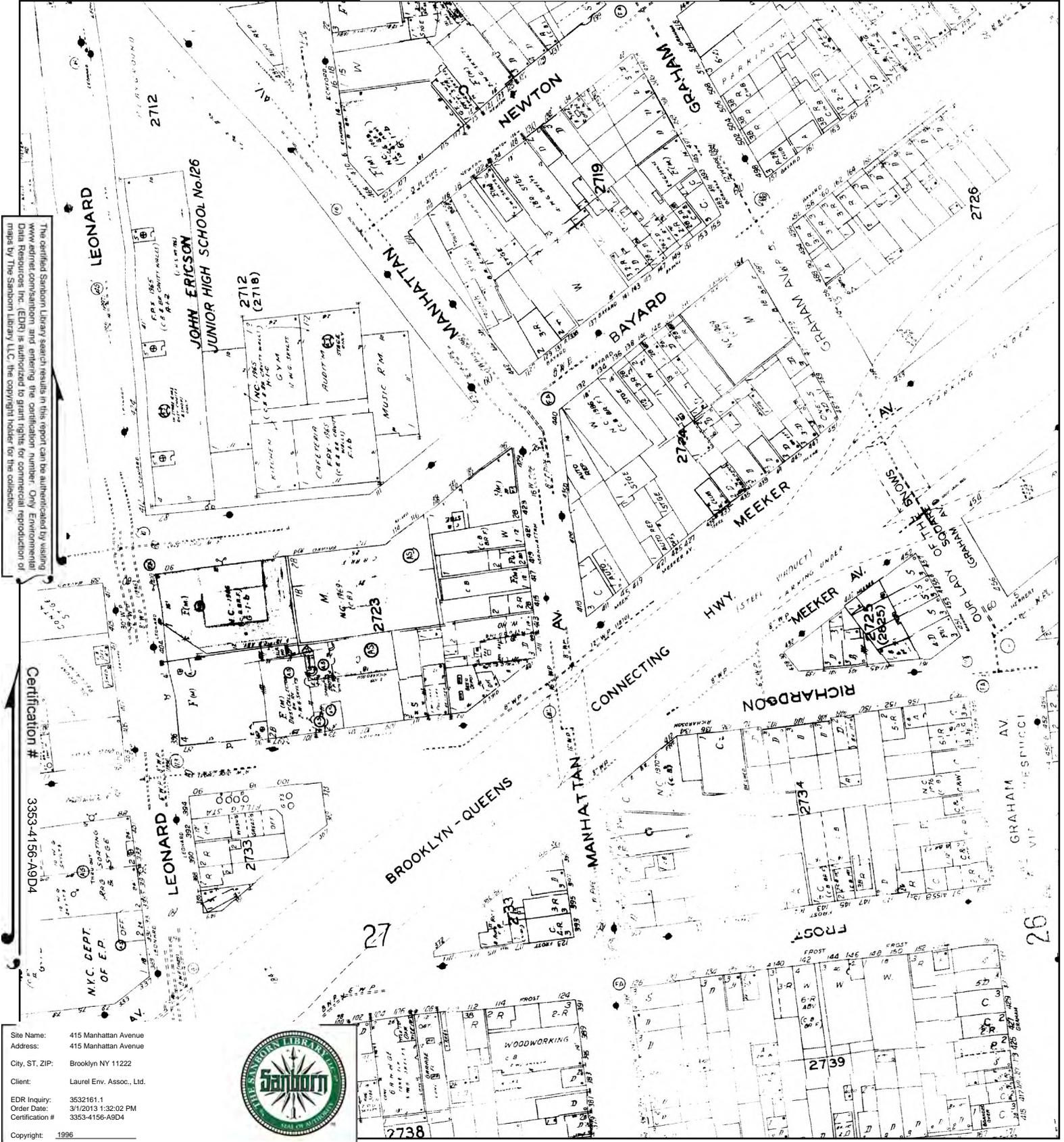
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1996 Certified Sanborn Map



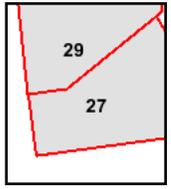
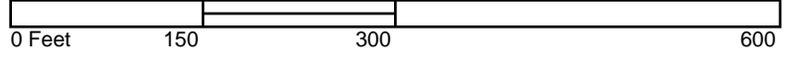
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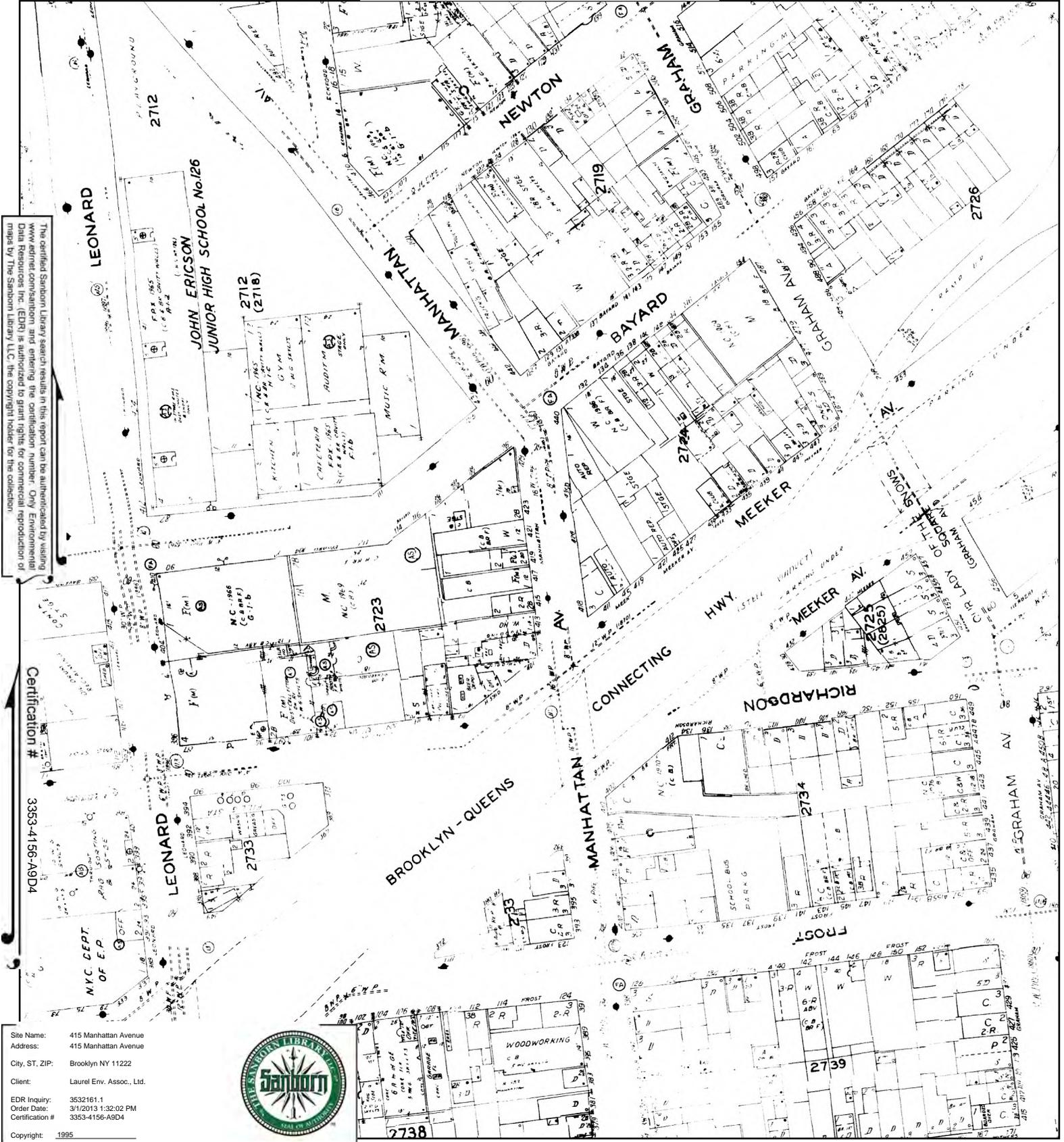
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1995 Certified Sanborn Map



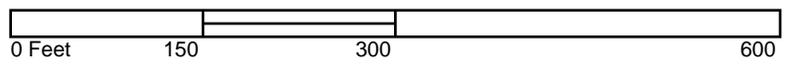
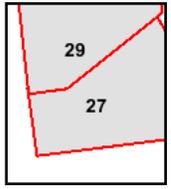
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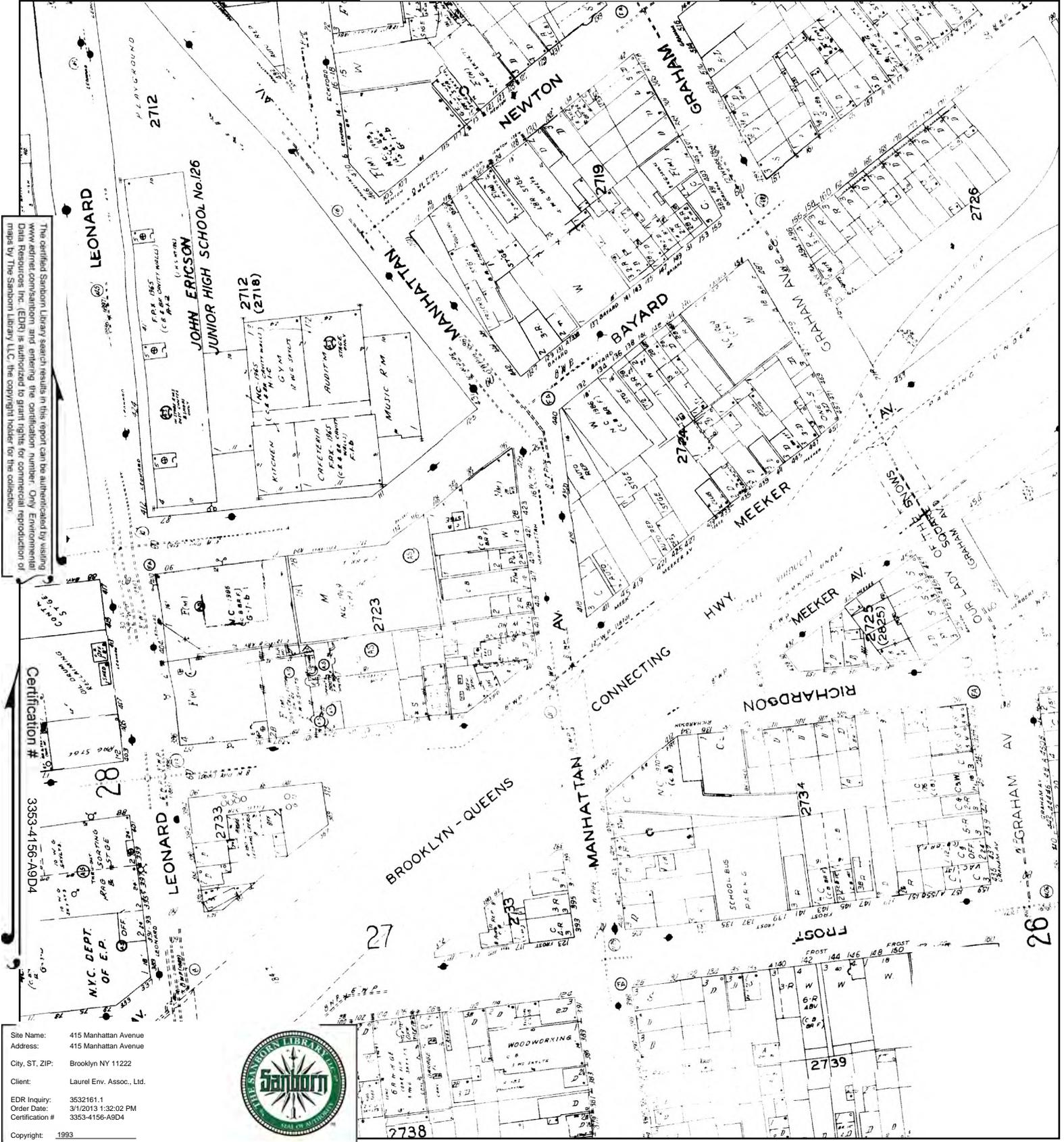
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 Volume 4, Sheet 27



1993 Certified Sanborn Map



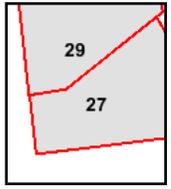
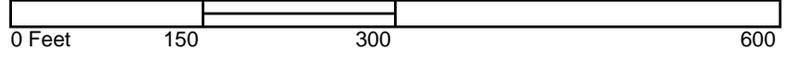
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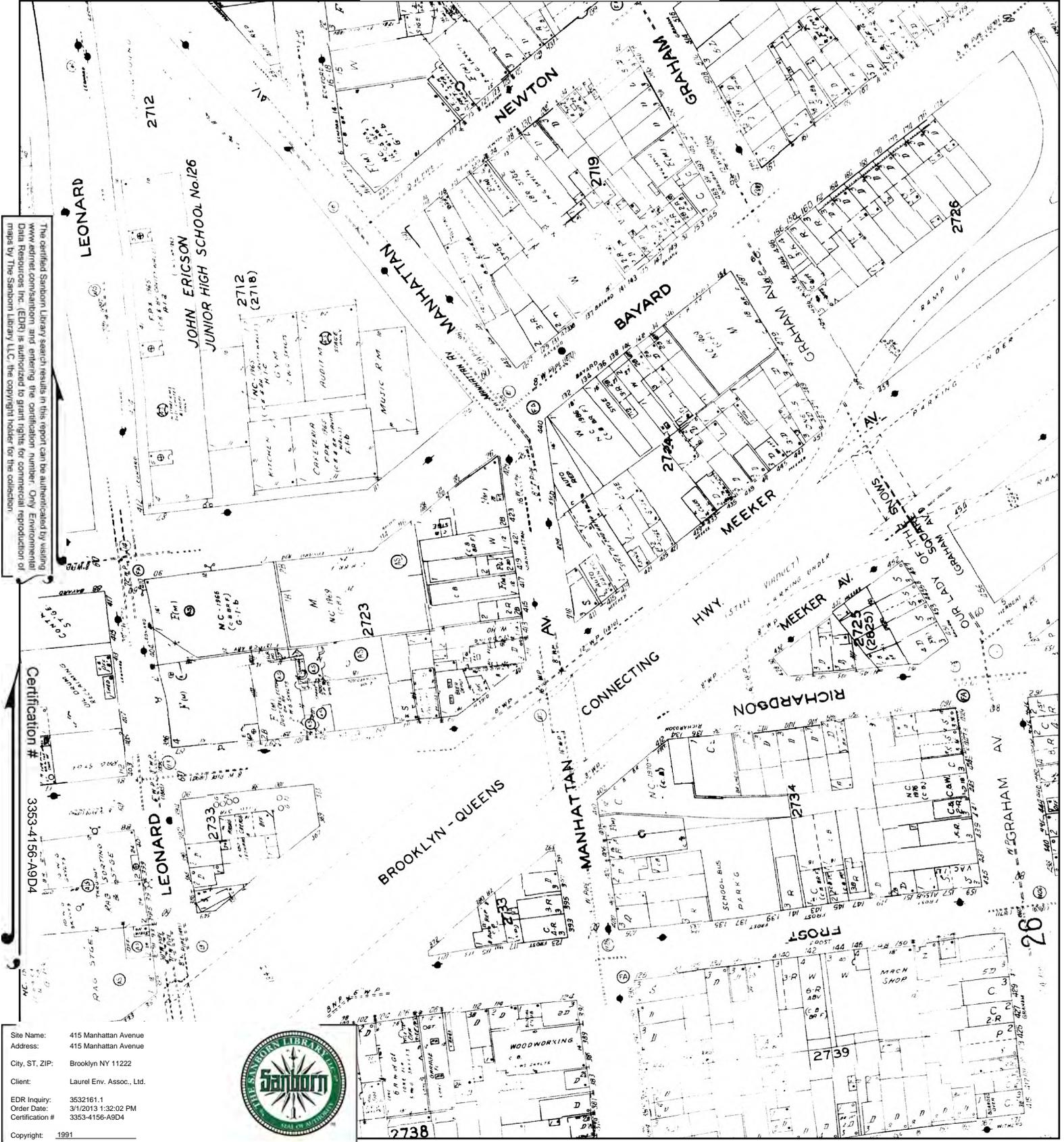
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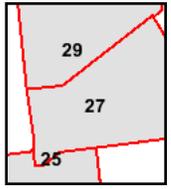
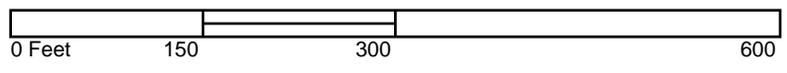
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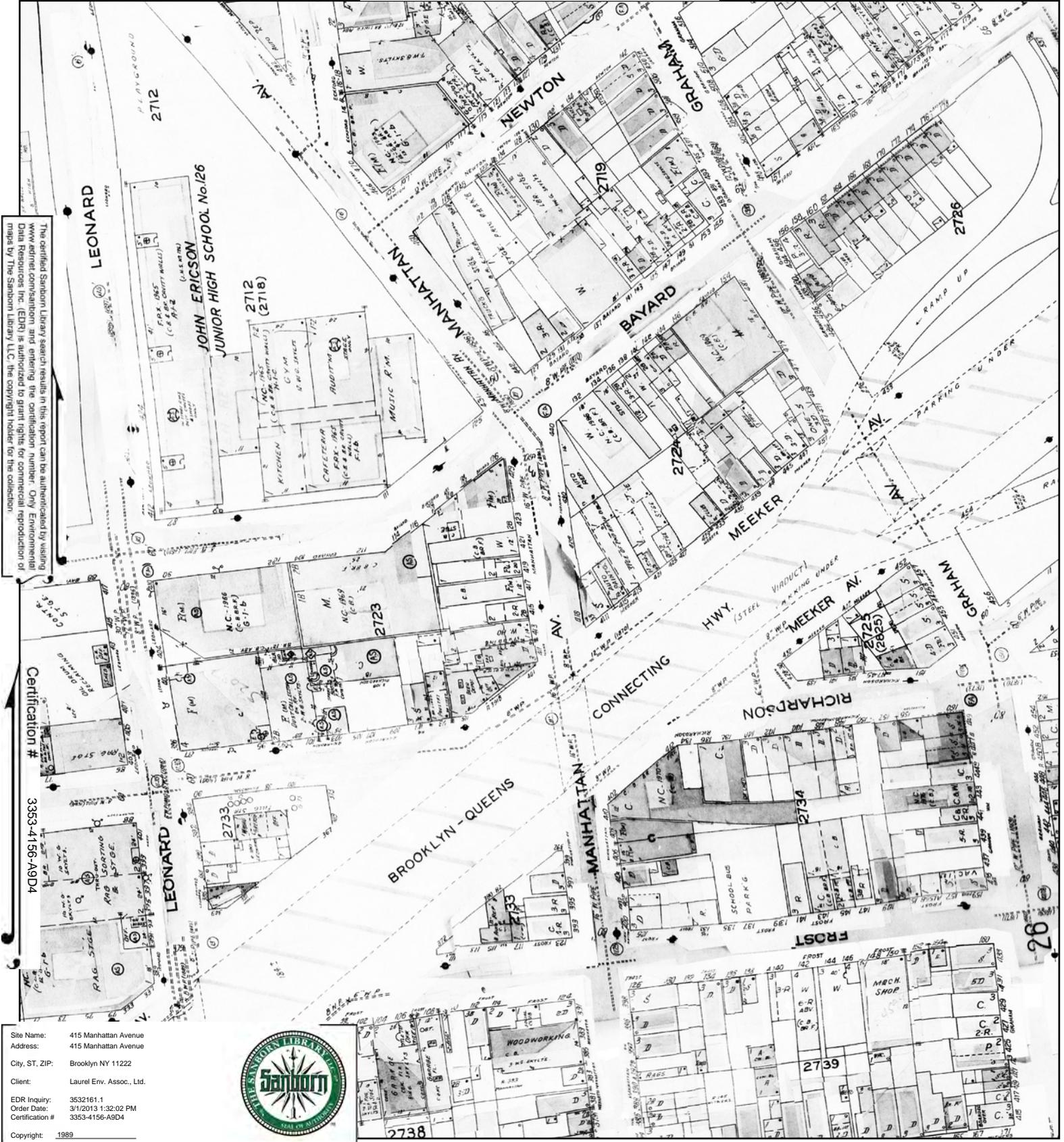
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1989 Certified Sanborn Map



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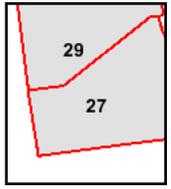
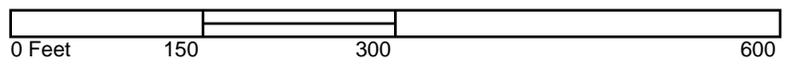
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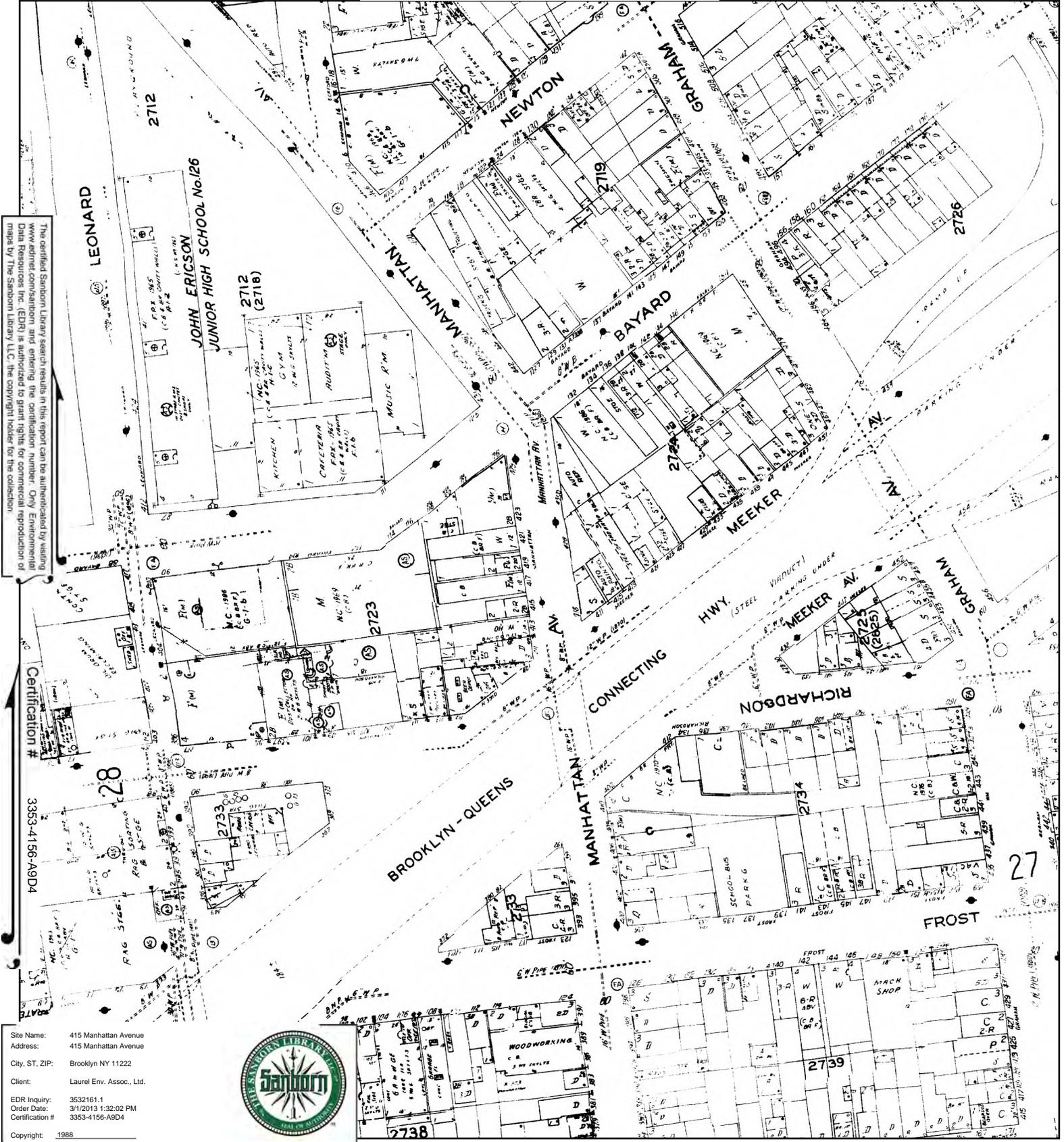
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1988 Certified Sanborn Map



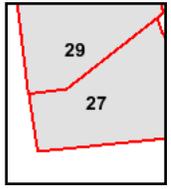
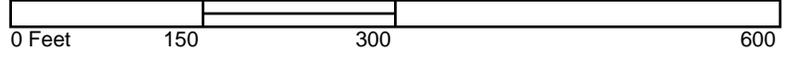
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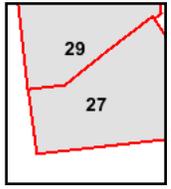
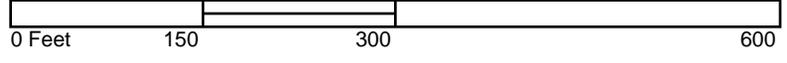
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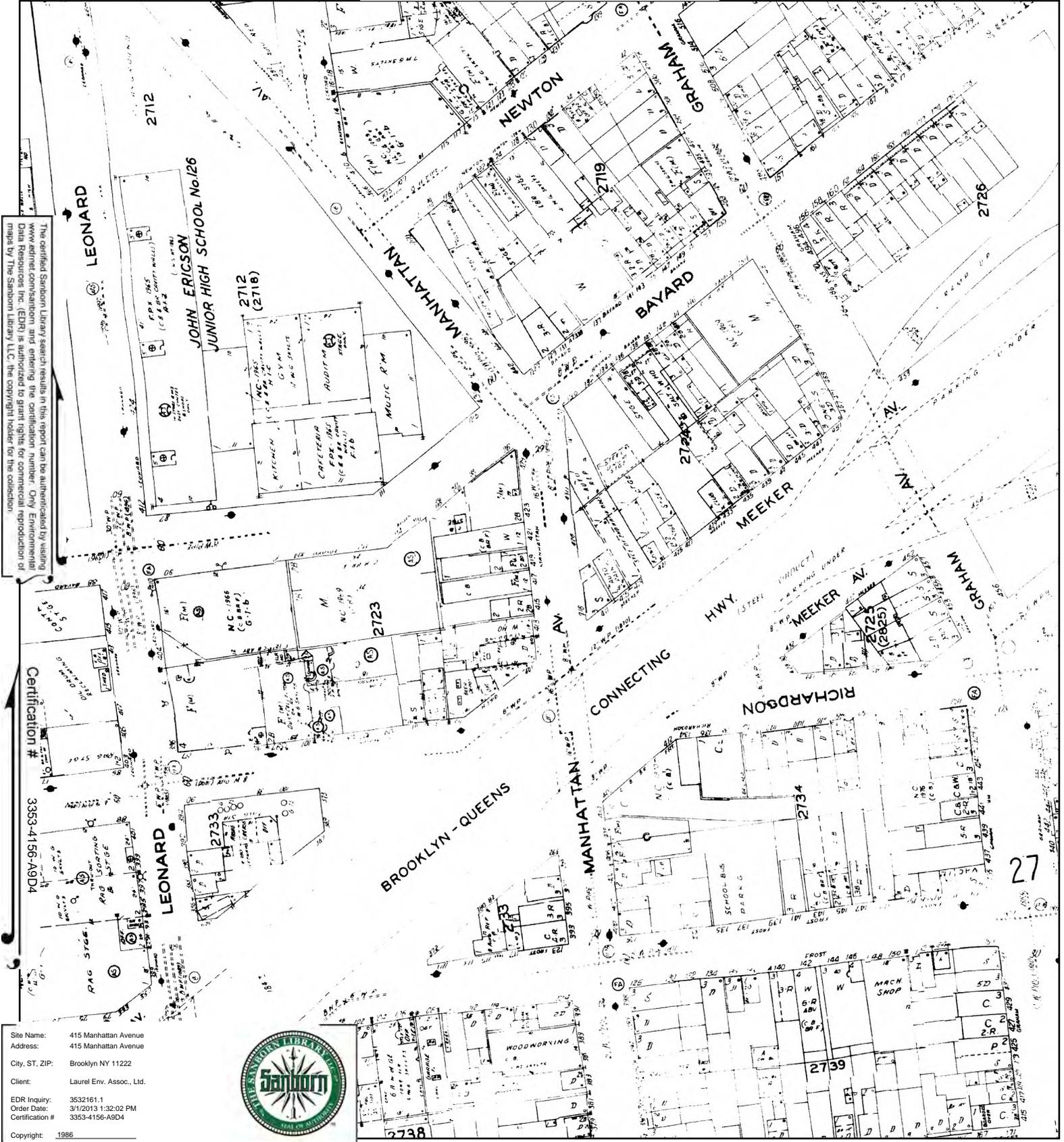
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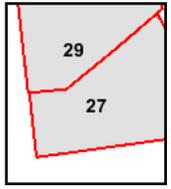
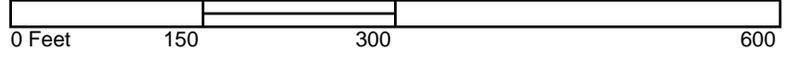
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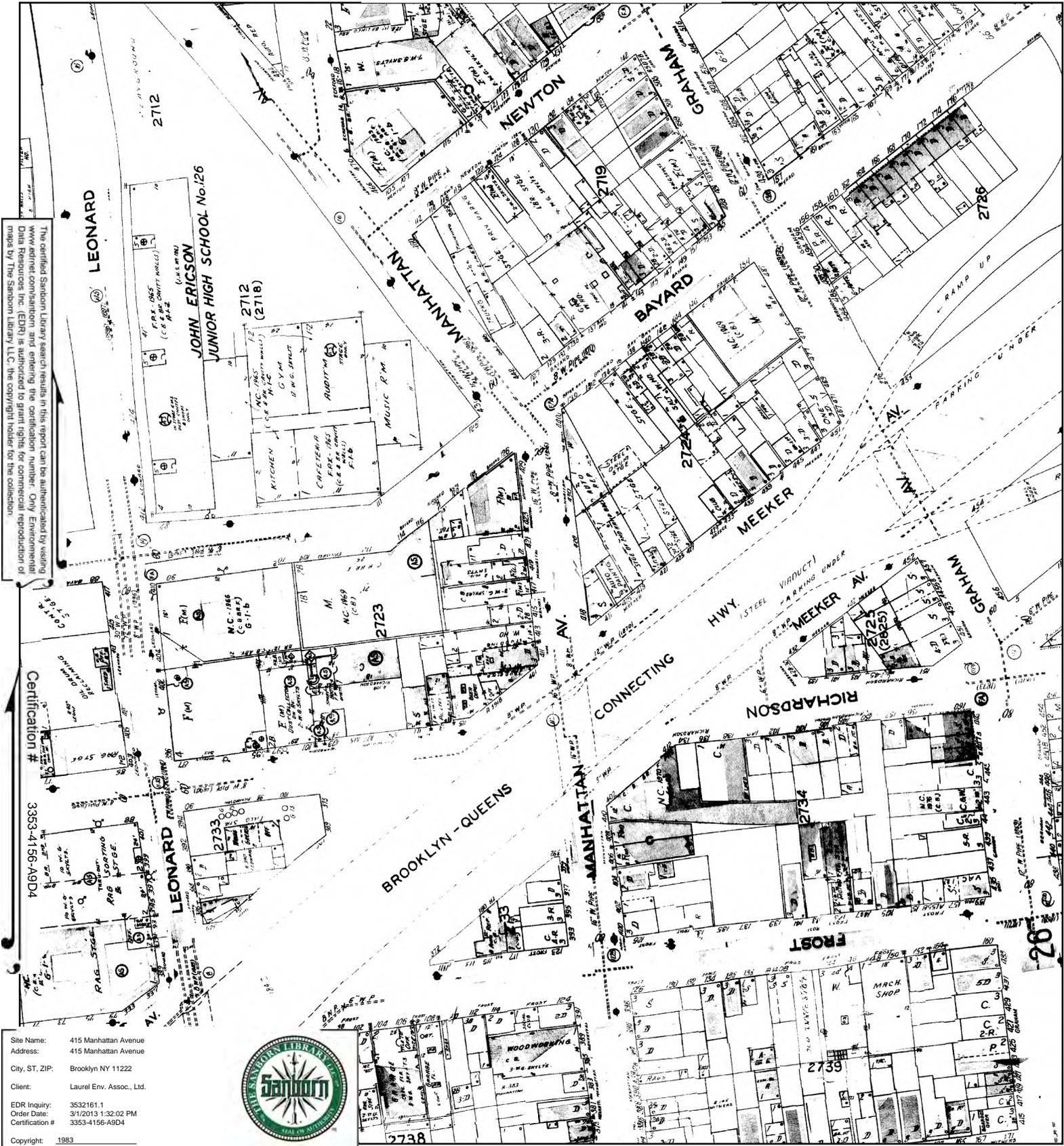
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1983 Certified Sanborn Map



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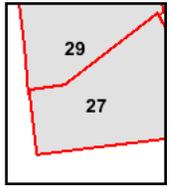
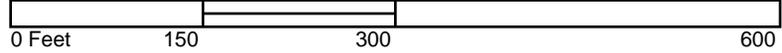
Certification #
3353-4156-A9D4

Site Name: 415 Manhattan Avenue
 Address: 415 Manhattan Avenue
 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4



Copyright: 1983

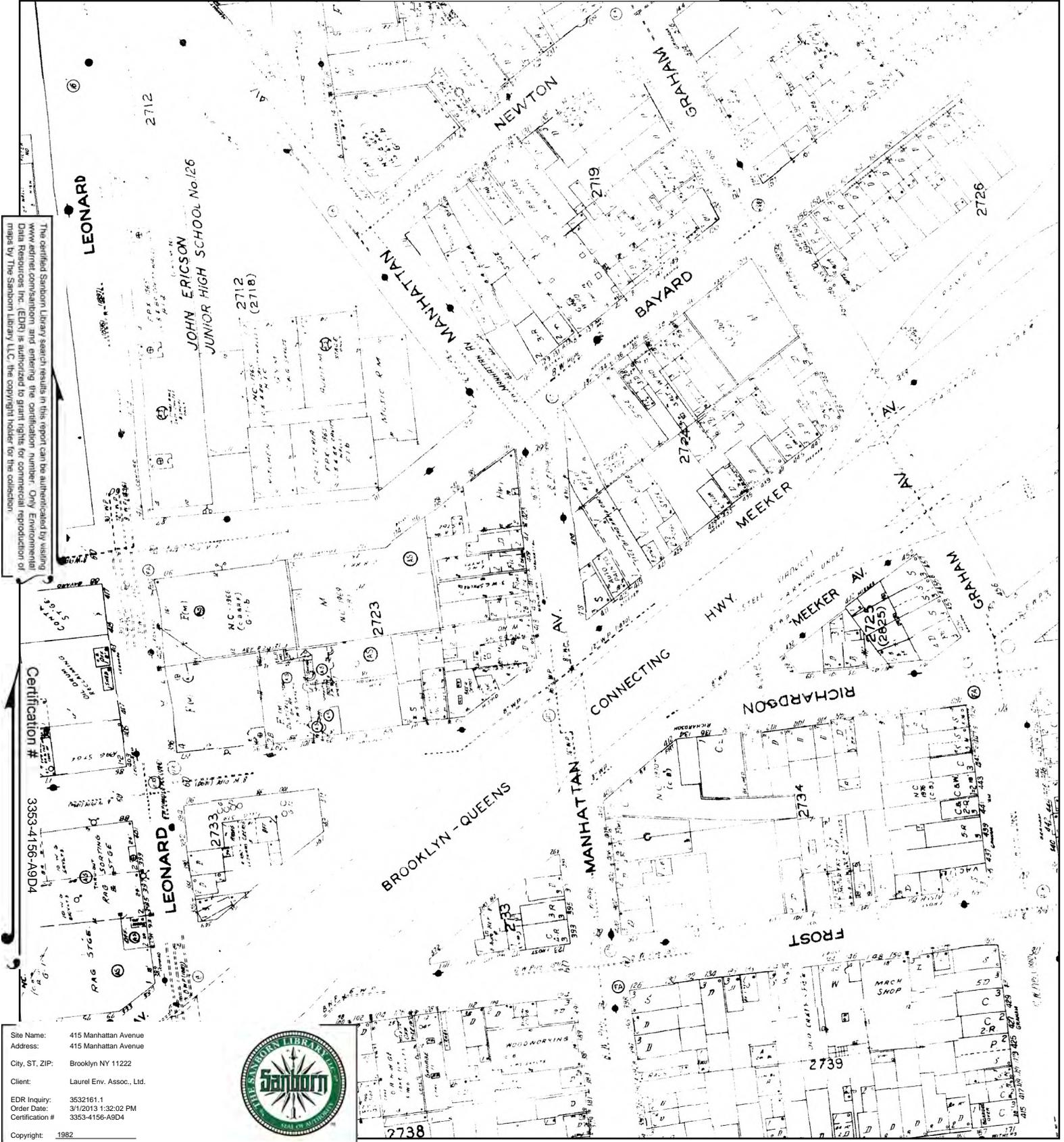
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 4, Sheet 29
 Volume 4, Sheet 27



1982 Certified Sanborn Map



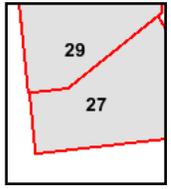
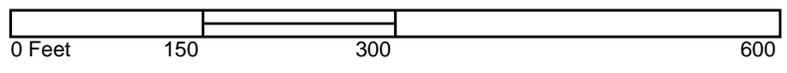
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Certification #
3353-4156-A9D4

Site Name: 415 Manhattan Avenue
 Address: 415 Manhattan Avenue
 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
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 Copyright: 1982



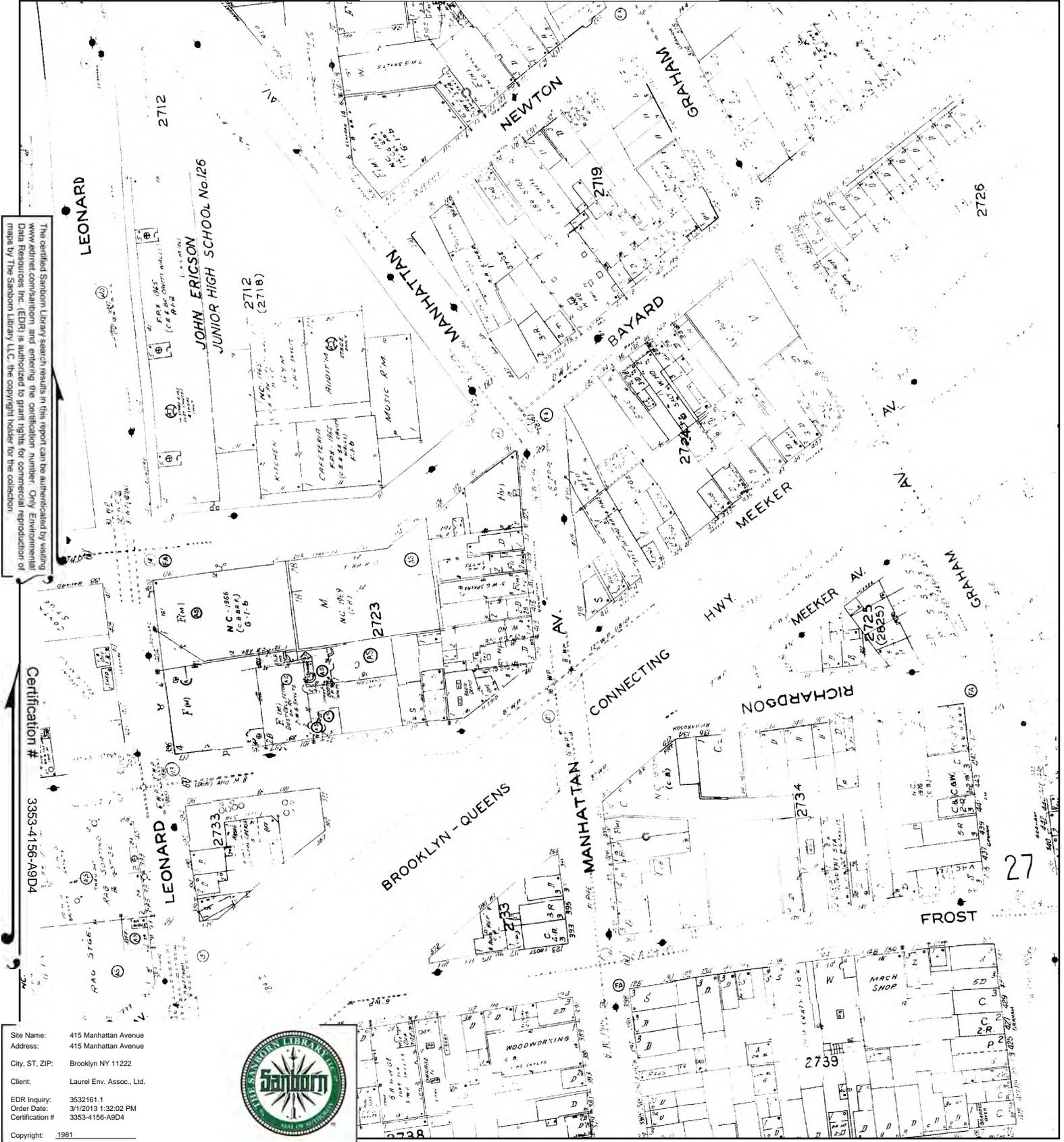
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Volume 4, Sheet 27
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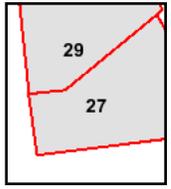
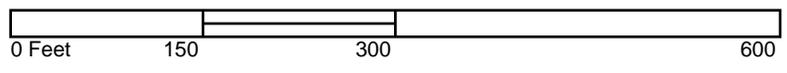
1981 Certified Sanborn Map



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 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4



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1980 Certified Sanborn Map

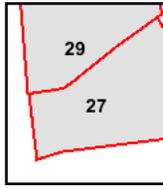
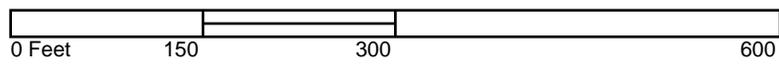


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Site Name: 415 Manhattan Avenue
 Address: 415 Manhattan Avenue
 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4



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Volume 4, Sheet 27
 Volume 4, Sheet 29



1979 Certified Sanborn Map

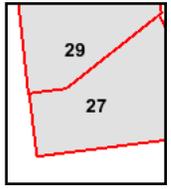
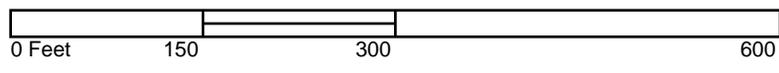


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 Address: 415 Manhattan Avenue
 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4
 Copyright: 1979



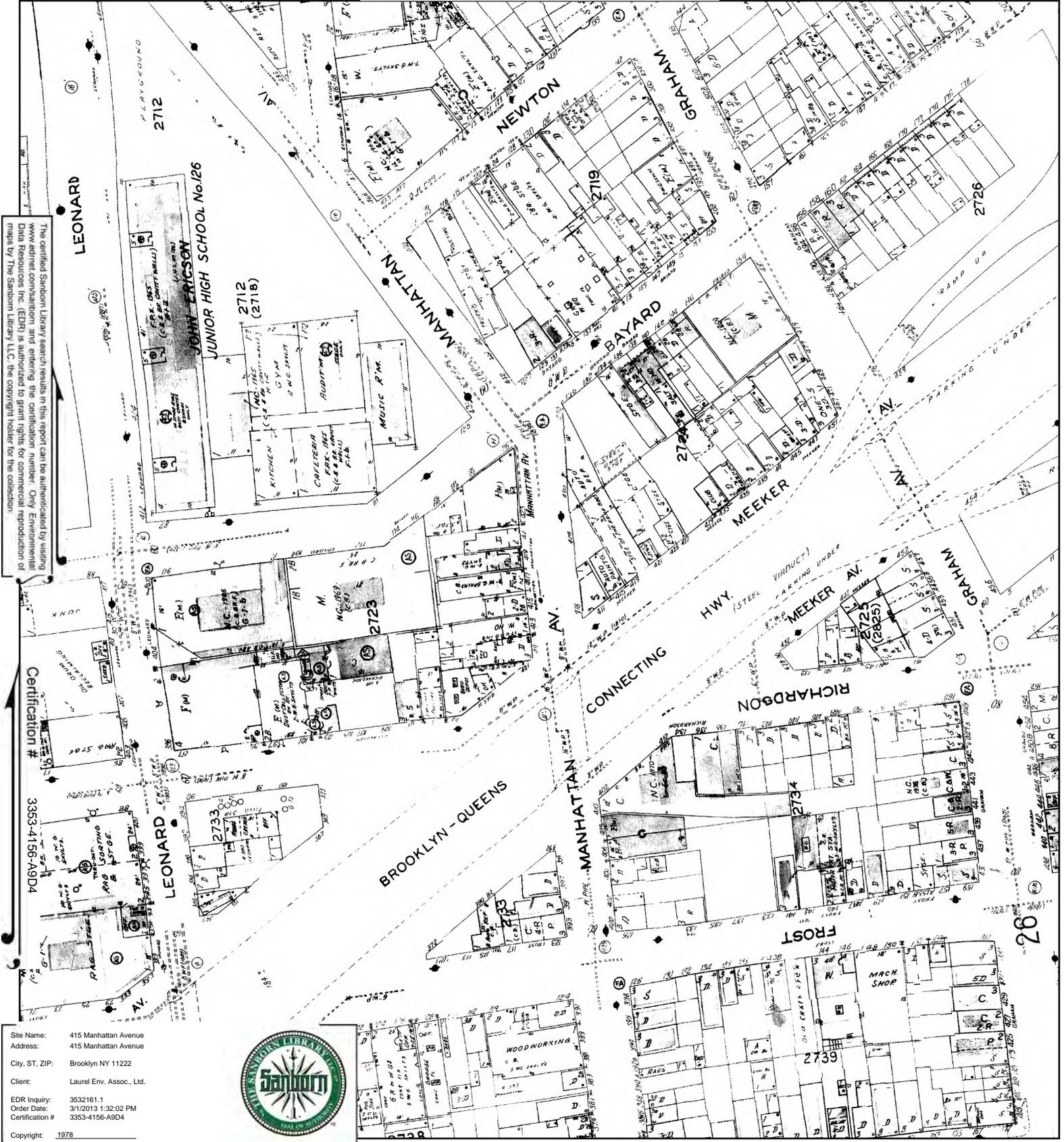
This Certified Sanborn Map combines the following sheets.
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Volume 4, Sheet 27
 Volume 4, Sheet 29



1978 Certified Sanborn Map



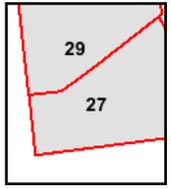
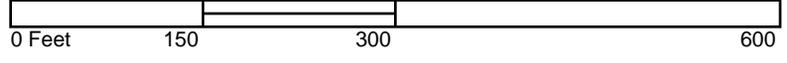
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 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4
 Copyright: 1978



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Volume 4, Sheet 29
 Volume 4, Sheet 27



1965 Certified Sanborn Map



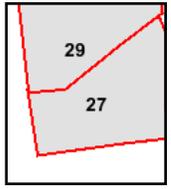
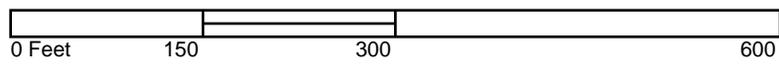
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Site Name: 415 Manhattan Avenue
 Address: 415 Manhattan Avenue
 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4
 Copyright: 1965



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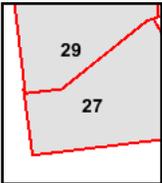
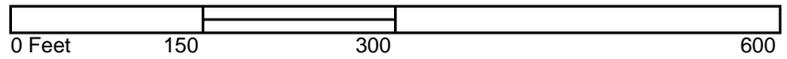
Volume 4, Sheet 27
 Volume 4, Sheet 29



1951 Certified Sanborn Map



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Volume 4, Sheet 29
 Volume 4, Sheet 27



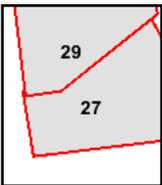
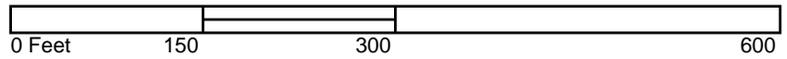
1942 Certified Sanborn Map



Site Name: 415 Manhattan Avenue
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 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4



This Certified Sanborn Map combines the following sheets.
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Volume 4, Sheet 29
 Volume 4, Sheet 27



1916 Certified Sanborn Map



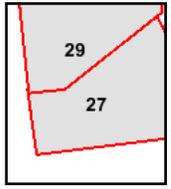
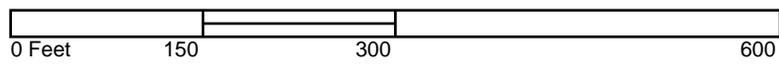
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3353-4156-A9D4
 Certification #
 415 Manhattan Avenue
 415 Manhattan Avenue
 Brooklyn NY 11222

Site Name: 415 Manhattan Avenue
 Address: 415 Manhattan Avenue
 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4
 Copyright: 1916



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Volume 4, Sheet 27
 Volume 4, Sheet 29



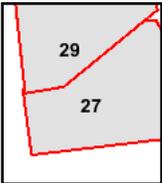
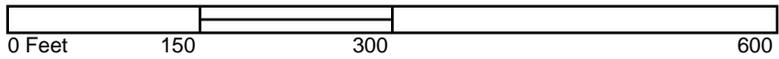
1905 Certified Sanborn Map



Site Name: 415 Manhattan Avenue
 Address: 415 Manhattan Avenue
 City, ST, ZIP: Brooklyn NY 11222
 Client: Laurel Env. Assoc., Ltd.
 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4



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Volume 4, Sheet 27
 Volume 4, Sheet 29



1887 Certified Sanborn Map



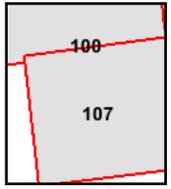
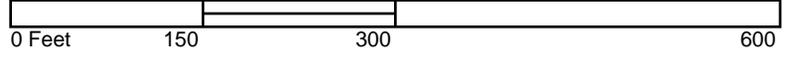
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 EDR Inquiry: 3532161.1
 Order Date: 3/1/2013 1:32:02 PM
 Certification #: 3353-4156-A9D4



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Volume 4, Sheet 107
 Volume 4, Sheet 100



APPENDIX F

Historical Aerial Photographs



Year: 1994
Brooklyn, NY



Year: 1991
Brooklyn, NY



Year: 1984
Brooklyn, NY

APPENDIX G

City Directories

415 Manhattan Avenue

415 Manhattan Avenue
Brooklyn, NY 11222

Inquiry Number: 3530381.1
February 26, 2013

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

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

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

RESEARCH SUMMARY

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

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

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

415 Manhattan Avenue
Brooklyn, NY 11222

FINDINGS DETAIL

Target Property research detail.

MANHATTAN

415 MANHATTAN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	CACIOPPO JOS ELCTRN	New York Telephone
	SPIRO ALLEN R	New York Telephone

MANHATTAN AVE

415 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Plecenik Alexander	Hill-Donnelly Corporation
	h Wiacek Augustyn	Hill-Donnelly Corporation
	Wiacek Ewa & Augstyn	Hill-Donnelly Corporation
2000	ALEXANDER PLECENIK	Cole Information Services
	ANIELA SLAVOV	Cole Information Services
	AUGUST WICEK	Cole Information Services
	RYSZARD CLESIELSKA	Cole Information Services
1997	ALEKSANDROWTCZ Stanislaw	NYNEX
	POMPA Gustav	NYNEX
	SLAVOV Aniela	NYNEX
1992	SLAVOV ANIELA	NYNEX Informantion Resource Co.
	TALALAJ CZESLAW	NYNEX Informantion Resource Co.
1985	CASANOVA S M	NYNEX Information Resources Company
	METZGER E	NYNEX Information Resources Company
1976	CASANOVA STEPHANIE	New York Telephone
1970	Bianculli M	New York Telephone
1960	BIANCULLI MARY M	New York Telephone
	MAROTTA ALBERT	New York Telephone
	Bianculli Mary M	New York Telephone Company
	Marotta Albert	New York Telephone Company

FINDINGS

ADJOINING PROPERTY DETAIL

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

MANHATTAN

411 MANHATTAN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	HUHN MINNIE C MISS R	New York Telephone
	LERCH ELEANOR R	New York Telephone

416 MANHATTAN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	LEYDEN JAS R	New York Telephone
	WETZEL ERNST R	New York Telephone

422 MANHATTAN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	FORMONT CHAS P R	New York Telephone

428 MANHATTAN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1928	KRUEGER ANNA M MRS R	New York Telephone

MANHATTAN AVE

411 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Dewees Deborah	Hill-Donnelly Corporation
	Marshall Joan	Hill-Donnelly Corporation
	h Plonsky Andrew	Hill-Donnelly Corporation
2000	APARTMENTS	Cole Information Services
	JOANN ATWOOD	Cole Information Services
	2L DEBORAH DEWEES	Cole Information Services
	1A ANGELO INDELICATO	Cole Information Services
	JOSHUA KIL	Cole Information Services
	ANDREW PLONSKY	Cole Information Services
1997	INDELICATO Angelo	NYNEX
	SCHONMANN V C	NYNEX
1992	FEMINELLA CONO J	NYNEX Informantion Resource Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	INDELICATO ANGELO	NYNEX Informantion Resource Co.
	NUNZIATO P	NYNEX Informantion Resource Co.
1985	FEMINELLA CONO J	NYNEX Information Resources Company
	INDELICATO ANGELO	NYNEX Information Resources Company
	SUSSMAN T	NYNEX Information Resources Company
1980	FEMINELLA CONO J	New York Telephone
1976	INDELICATO ANGELO	New York Telephone
	MURPHY EUGENE	New York Telephone
1973	Indelicata Angelo	New York Telephone
	Murphy Eugene	New York Telephone
	Santelli John	New York Telephone
1970	Indelicato Angelo	New York Telephone
	Murphy Eugene	New York Telephone
	Santell John	New York Telephone
1965	Murphy Eugene	New York Telephone
	Ottati John	New York Telephone
	Santelli C A	New York Telephone
1960	CALLOVINI ALBERT	New York Telephone
	DISTASI DANL	New York Telephone
	OTTATI JOHN	New York Telephone
	SANTELLI C A	New York Telephone
	Callovini Albert	New York Telephone Company
	Distasi Danl	New York Telephone Company
	Ottati John	New York Telephone Company
	Santelli C A	New York Telephone Company
1949	Ottati John	New York Telephone Company
	Parisi Carmela	New York Telephone Company
	Santelli C A	New York Telephone Company
1945	Ottati John	New York Telephone Company
	Parisi Carmela	New York Telephone Company
1940	Zanzonico Nunzio II	New York Telephone Company
	Ottatl John	New York Telephone Company

413 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	OLK WOODWORKING INCORPORATED	Cole Information Services
2007	MYK MECHANICAL CORP	Cole Information Services
	OLK CO INC	Cole Information Services
	OLK WOODWORKING	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Arnold Matthew	Hill-Donnelly Corporation
	Myk Mechanical	Hill-Donnelly Corporation
	OI 01k Woodworking Inc	Hill-Donnelly Corporation
2000	JOHN P MILLER	Cole Information Services
	RYAN SOVEREIGN	Cole Information Services
1997	Donehue Peter	NYNEX
1992	DONOHUE PETER	NYNEX Informantion Resource Co.

417 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	EUROPEAN DISTRIBUTIONS INC	Cole Information Services
2007	EUROPEAN DISTRIBUTIONS INC	Cole Information Services
2005	European Distributions Inc	Hill-Donnelly Corporation
2000	ERPN DSTRBTNS INC	Cole Information Services
1992	ANDREW ARTISTIC DISTRIBUTIONS FAX NUMBER	NYNEX Informantion Resource Co.
	BICENTENNIAL PUBLISHNG CORP	NYNEX Informantion Resource Co.
1973	Cavoli Jos	New York Telephone
1970	Pam Industries Inc	New York Telephone
	Cavoli Jos	New York Telephone
1965	San Ott Labs Inc	New York Telephone
1960	De Lorenzo John	New York Telephone Company
1949	Godricks Furn Transptn	New York Telephone Company
1945	Atlas Tube & Reef Co	New York Telephone Company
1940	Brenner Suwdust Co In	New York Telephone Company
	Brenner Coal Co	New York Telephone Company

419 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	ANDREW ARTISTIC	Cole Information Services
2007	SLOVENSKO DNES NEWSPAPER	Cole Information Services
	POLSKA GAZETA	Cole Information Services
	SPRING PUBLISHING CORP	Cole Information Services
	GOLSKA GAZETA NEWSPAPER	Cole Information Services
	ANDREW ARTISTIC DISTRIBUTION	Cole Information Services
2005	Polska Gazeta	Hill-Donnelly Corporation
	Slovensko Ones Newspaper	Hill-Donnelly Corporation
2000	SUPER EXPRESS USA	Cole Information Services
	SUPER EXPRESS USA	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ANDREW ARTISTIC	Cole Information Services
1997	Andrew Artistic Distributions	NYNEX
1992	RODRIGUEZ MARIO CABINET	NYNEX Informantion Resource Co.
1985	NELMS BROOKLYN	NYNEX Information Resources Company
1976	NEW JERSEY CASKET CO	New York Telephone
1973	Superior Overall Mfg Corp	New York Telephone
1970	Superior Overall Mfg Corp	New York Telephone
1965	Superior Overall Mfg Corp	New York Telephone
1960	SUPERIOR OVERALL MFG CORP	New York Telephone
	Superior Overall Mfg Corp	New York Telephone Company
1949	Superior Wk Clothes Mfg Corp	New York Telephone Company
1945	Superior Uniform Co	New York Telephone Company

4107 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	JAKER KENNETH	New York Telephone

424 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1949	Tip Top Trading Corp confctry	New York Telephone Company

428 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	ELIVAHU Rina	NYNEX

6273 MANHATTAN AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Lebe Enterprises Inc	Hill-Donnelly Corporation
	Super Deli Market I	Hill-Donnelly Corporation

MEEKER AVE

411 MEEKER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	MATHES JOHN	NYNEX Informantion Resource Co.
1985	MATHES JOHN	NYNEX Information Resources Company
	BRINDISI THOS	NYNEX Information Resources Company
1976	COUSINS PORK PRODS	New York Telephone
	BRINDISI THOS	New York Telephone
	MATHES JOHN	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	Brindisi Thos	New York Telephone
	Curcio Mary Italian Sausages	New York Telephone
1970	Brindisi Thos	New York Telephone
	Curcio Mary Italian sausages	New York Telephone
	Robano Jeannette Miss	New York Telephone
1965	Brindisi Thos	New York Telephone
	Curcio Mary Italian sausages	New York Telephone
	Robano Jeannette Miss	New York Telephone
1960	BRINDISI THOS	New York Telephone
	CURCIO MARY ITALIAN SAUSAGES	New York Telephone
	ROBANO JEANNETTE MISS	New York Telephone
	Brindisi Thos	New York Telephone Company
	Curcio Mary Italian sausages	New York Telephone Company
	Robano Jeannette Miss	New York Telephone Company
	Robano Josephine	New York Telephone Company
1949	Robano Josephine	New York Telephone Company
1945	Cassello Mary	New York Telephone Company
	Grastataro Jos	New York Telephone Company

413 MEEKER AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TEDS AUTO REPAIR	Cole Information Services
	TONYS AUTO BDY INC	Cole Information Services
1997	Teds Auto Repair	NYNEX
	Tonys Auto Body	NYNEX
1992	TONY S AUTO BODY	NYNEX Informantion Resource Co.
1985	JOSEPH & TONY COLLISION	NYNEX Information Resources Company
1976	BONGIORNO JOS AUTO REPR	New York Telephone
1973	Bongiorno Jos alto repr	New York Telephone
1970	Bongiorno Jos auto repr	New York Telephone
1960	OFFSEY MACHINERY CORP	New York Telephone
	Offsey Machinery Corp	New York Telephone Company

MEEKER AVE E

411 MEEKER AVE E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	h Capolino Anthony	Hill-Donnelly Corporation

FINDINGS

413 MEEKER AVE E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Germans Mechanic s	Hill-Donnelly Corporation
	Tonys Auto Body	Hill-Donnelly Corporation

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

415 Manhattan Avenue

Address Not Identified in Research Source

2012, 2007, 1980, 1973, 1965, 1949, 1945, 1940, 1934

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

411 MANHATTAN

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934

411 MANHATTAN AVE

2012, 2007, 1934, 1928

411 MEEKER AVE

2012, 2007, 2005, 2000, 1997, 1980, 1940, 1934, 1928

411 MEEKER AVE E

2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

413 MANHATTAN AVE

2012, 2007, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

413 MANHATTAN AVE

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

413 MEEKER AVE

2012, 2007, 2005, 1980, 1965, 1949, 1945, 1940, 1934, 1928

413 MEEKER AVE E

2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

416 MANHATTAN

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934

417 MANHATTAN AVE

2012, 2007, 1997, 1985, 1980, 1976, 1934, 1928

417 MANHATTAN AVE

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

419 MANHATTAN AVE

2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

419 MANHATTAN AVE

2012, 2007, 1980, 1940, 1934, 1928

4107 MANHATTAN AVE

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

422 MANHATTAN

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934

424 MANHATTAN AVE

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945, 1940, 1934, 1928

428 MANHATTAN

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934

428 MANHATTAN AVE

2012, 2007, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched

6273 MANHATTAN AVE

Address Not Identified in Research Source

2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949,
1945, 1940, 1934, 1928

APPENDIX H

ASTM Questionnaire

Laurel Environmental Associates, Ltd.
 53 West Hills Road, Suite 1
 Huntington Station, NY 11746
 631-673-0612
 631-427-5323 fax
 www.laurelenv.com

Description of Site: Address:

Residential Property
 415 Manhattan Avenue
 Brooklyn, NY

Question	Owner ⁷			Occupants (if applicable)			Observed During Site Visit	
1a. Is the <i>property</i> used for an industrial use?	Yes	No	Unk	Yes	No	Unk	Yes	No
1b. Is any <i>adjoining property</i> used for an industrial use?	Yes	No	Unk	Yes	No	Unk	Yes	No
2a. Did you observe evidence or do you have any prior knowledge that the <i>property</i> has been used for an industrial use in the past?	Yes	No	Unk	Yes	No	Unk	Yes	No
2b. Did you observe evidence or do you have any prior knowledge that any <i>adjoining property</i> has been used for an industrial use in the past?	Yes	No	Unk	Yes	No	Unk	Yes	No
3a. Is the <i>property</i> used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No
3b. Is any <i>adjoining property</i> used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No
4a. Did you observe evidence or do you have any prior knowledge that the <i>property</i> has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No
4b. Did you observe evidence or do you have any prior knowledge that any <i>adjoining property</i> has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the <i>property</i> or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No

Question	Owner ⁷			Occupants (if applicable)			Observed During Site Visit	
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the <i>property</i> or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
6a. Are there currently any industrial <i>drums</i> (typically 55 gal (208 L)) or sacks of chemicals located on the <i>property</i> or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial <i>drums</i> (typically 55 gal (208 L)) or sacks of chemicals located on the <i>property</i> or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
7a. Did you observe evidence or do you have any prior knowledge that <i>fill dirt</i> has been brought onto the <i>property</i> that originated from a contaminated site?	Yes	No	Unk	Yes	No	Unk	Yes	No
7b. Did you observe evidence or do you have any prior knowledge that <i>fill dirt</i> has been brought onto the <i>property</i> that is of an unknown origin?	Yes	No	Unk	Yes	No	Unk	Yes	No
8a. Are there currently any <i>pits</i> , <i>ponds</i> , or <i>lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any <i>pits</i> , <i>ponds</i> , or <i>lagoons</i> located on the <i>property</i> in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No
9a. Is there currently any stained soil on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <i>property</i> or adjacent to any structure located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No

Question	Owner ⁷			Occupants (if applicable)			Observed During Site Visit	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	No	Unk	Yes	No	Unk	Yes	No
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes	No	Unk	Yes	No	Unk	Yes	No
14. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of <i>environmental liens</i> or governmental notification relating to past or recurrent violations of environmental laws with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk		
15a. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past existence of <i>hazardous substances</i> or <i>petroleum products</i> with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk		
15b. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the current existence of <i>hazardous substances</i> or <i>petroleum products</i> with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk		
15c. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the past existence of environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk		
15d. Has the <i>owner</i> or <i>occupant</i> of the <i>property</i> been informed of the current existence of environmental violations with respect to the <i>property</i> or any facility located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk		
16. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> have any knowledge of any <i>environmental site assessment</i> of the <i>property</i> or facility that indicated the presence of <i>hazardous substances</i> or <i>petroleum products</i> on, or contamination of, the <i>property</i> or recommended further assessment of the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk		
17. Does the <i>owner</i> or <i>occupant</i> of the <i>property</i> know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any <i>hazardous substance</i> or <i>petroleum products</i> involving the <i>property</i> by any owner or occupant of the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk		
18a. Does the <i>property</i> discharge waste water (not including sanitary waste or storm water) onto or adjacent to the <i>property</i> and/or into a storm water system?	Yes	No	Unk	Yes	No	Unk	Yes	No

Question	Owner ⁷			Occupants (if applicable)			Observed During Site Visit	
18b. Does the <i>property</i> discharge waste water (not including sanitary waste or storm water) onto or adjacent to the <i>property</i> and/or into a sanitary sewer system?	Yes	No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No
19. Did you observe evidence or do you have any prior knowledge that any <i>hazardous substances</i> or <i>petroleum products</i> , unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes	No	Unk	Yes	No	Unk	Yes	<input checked="" type="radio"/> No

Government Records/Historical Sources Inquiry

(See guide, Section 10)

21. Do any of the following Federal government record systems list the property or any property within the search distance noted below:

	Approximate Minimum Search Distance, miles (kilometers)		
Federal NPL site list	1.0 (1.6)	<input checked="" type="radio"/> Yes	No
Federal CERCLIS list	0.5 (0.8)	<input checked="" type="radio"/> Yes	No
Federal CERCLIS NFRAP site list	property and adjoining properties	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
Federal RCRA CORRACTS facilities list	1.0 (1.6)	<input checked="" type="radio"/> Yes	No
Federal RCRA non-CORRACTS TSD facilities list	0.5 (0.8)	<input checked="" type="radio"/> Yes	No
Federal RCRA generators list	property and adjoining properties	<input checked="" type="radio"/> Yes	No
Federal ERNS list	property only	<input checked="" type="radio"/> Yes	No

22. Do any of the following state record systems list the property or any property within the search distance noted below:

	Approximate Minimum Search Distance, miles (kilometers)		
State lists of hazardous waste sites identified for investigation or remediation:			
State — Equivalent NPL	1.0 (1.6)	<input checked="" type="radio"/> Yes	No
State — Equivalent CERCLIS	0.5 (0.8)	<input checked="" type="radio"/> Yes	No
State landfill and/or solid waste disposal site lists	0.5 (0.8)	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No
State leaking UST lists	0.5 (0.8)	<input checked="" type="radio"/> Yes	No
State registered UST lists	property and adjoining properties	<input checked="" type="radio"/> Yes	<input checked="" type="radio"/> No

23. Based upon a review of *fire insurance maps* 10.3.1.3 or consultation with the local fire department serving the *property*, all as specified in the guide, are any buildings or other improvements on the *property* or on an *adjoining property* identified as having been used for an industrial use or uses likely to lead to contamination of the *property*?

Yes No

The preparer of the *transaction screen questionnaire* must complete and sign the following. (For definition of "preparer" and "user," see 5.3 or 3.3.28.)

The *Owner* questionnaire was completed by:

Name
Title
Firm
Address

Phone number
Date
Preparer's relationship to site
Preparer's relationship to user (for example, principal, employee, agent, consultant)

The *Occupant* questionnaire was completed by:

Name
Title
Firm
Address

Phone number
Date
Preparer's relationship to site
Preparer's relationship to user (for example, principal, employee, agent, consultant)

The *Site Visit* questionnaire was completed by:

Name Thomas H. Johansen
Title Geologist
Firm Laurel Environmental Associates, Ltd.
Address 53 West Hills Road, Suite 1, Huntington Station, NY 11746

Phone number 631 673 0612
Date April 15, 2013
Preparer's relationship to site none
Preparer's relationship to user (for example, principal, employee, agent, consultant)

The *Government Records and Historical Sources Inquiry* questionnaire was completed by:

Name Thomas H. Johansen
Title Geologist
Firm Laurel Environmental Associates, Ltd.
Address 53 West Hills Road, Suite 1, Huntington Station, NY 11746

Phone number 631 673 0612
Date
Preparer's relationship to site
Preparer's relationship to user (for example, principal, employee, agent, consultant)

User's relationship to the site (for example, owner, prospective purchaser, lender, etc.)

If the preparer(s) is different from the user, complete the following:

Name of User
User's address

User's phone number

Copies of the completed questionnaires have been filed at:

Copies of the completed questionnaires have been mailed or delivered to:

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

Signature  _____ Date April 15, 2013
Signature _____ Date _____
Signature _____ Date _____

APPENDIX I

Personnel Qualifications

SCOTT A. YANUCK, C.E.I., C.E.S.

EDUCATION: STATE UNIVERSITY OF NEW YORK AT STONY BROOK

B.A., Earth and Space Sciences, December, 1987, Minor in Technology and Society.

M.Sc., Hydrogeology, May, 1993. Course work included classes in Geophysics, Chemical Hydrogeology, Organic Contaminant Hydrology, and Computer Modeling.

EXPERIENCE:

PRINCIPAL, MANAGING HYDROGEOLOGIST

LAUREL Environmental Associates, Ltd.

- Supervise all technical and financial operations of environmental consulting firm.
- Completed OSHA 40 Hour HAZWOPER Supervisors course, 8 Hour Refresher Courses.
- Geoprobe Systems Training on Direct Push Techniques including well installation and pump tests
- Completed ASTM Environmental Site Assessment training course for professionals.
- Completed NJDEPE UST Certification Program.
- Completed Mold Remediation Manage Course based on NYC DOH Guidelines
- NYSDOL Asbestos Inspector, #AH97-08528
- GSSI Certification in Ground Penetrating Radar

September, 1992-present

PROJECT MANAGER, GROUP SUPERVISOR: ENVIRONMENTAL SERVICES

Richard D. Galli, P.E., P.C.

In charge of Environmental Services Group. Scope of work within group includes the following:

- Phase I Environmental Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- State Superfund RI/FS.
- Indoor Air Quality (IAQ) studies.

In addition to performing any of the above-mentioned work, personally responsible for project management, including project setup, project review and quality control/quality assurance of proposals and reports generated by the environmental group.

PROJECT MANAGER, HYDROGEOLOGY

Richard D. Galli, P.E., P.C.

Performed all aspects of numerous Phase I Environmental Assessments.

Performed and supervised Phase II and Phase III investigations and remediation. Duties included proposal writing, historical investigations, soil and water sampling, supervision of well drilling teams, supervision of remediation work, supervision of underground storage tanks removals, groundwater studies, and report writing.

Knowledgeable in Ground Water Computer Modeling with *canned* programs as well as developing new programs. Worked to set up a GIS based system capable of mapping CERCLA and NPL site, NYSDEC Spills and Inactive Hazardous Waste Sites, etc., to aid in performing Audits.

Certified: OSHA Forty Hour HAZWOPER Course, NIOSH 582.

SCOTT A. YANUCK CONTINUED

TECHNICIAN, FIELD AND LABORATORY

Kemron Environmental Services, Inc.

Worked as an industrial hygienist, taking air and bulk samples, and performing Indoor Air Quality (IAQ) studies. As a Polarized Light Microscopist, analyzed bulk samples for asbestos. Analyzed samples from the *Gramercy Park steam pipe explosion* and was detailed to St. Croix for on site sampling and analysis at the Hess oil refinery during the cleanup of *Hurricane Hugo*. Also worked as GC/MS and HPLC technician.

June, 1989-July, 1990 full time, continuing part time to 1993.

CONSTRUCTION SUPERVISOR, DEVELOPER

SHY Building Corporation, Huntington, NY.

Managed land development and housing construction. Scheduling and supervision of all trades necessary. Duties included the following:

- Design of drainage structures
- Design of buildings/renovations
- Surveying in conjunction with road/drainage construction.
- Property acquisition.
- Submitted applications for subdivision, building permits, and sanitary/water permits to Town and County agencies.
- Supervision of UST installations.
- Geotechnical and environmental inspections of properties/building sites.
- Energy efficient building design and implementation.

AFFILIATIONS

Air & Waste Management Association

American Institute of Professional Geologists

American Society for Testing and Materials

Active Committee Member E-40, Subsurface Investigations

Active Committee Member E-50, Environmental Assessment

Active Committee Member E-50.1, Underground Storage Tanks

Environmental Assessment Association, Certified Environmental Inspector and Specialist, #12200.

Hazardous Materials Control Resources Institute

Huntington Chamber of Commerce

Huntington Historical Society

Long Island Association

Long Island Builders Institute

Long Island Geologists

National Fire Protection Association

National Ground Water Society

New York State Council of Professional Geologists

US Green Building Council

CARLA M. SULLIVAN, C.E.S

EDUCATION

BS GEOLOGY, January 1998. **Cum Laude**

EXPERIENCE:

SENIOR GEOLOGIST, Laurel Environmental Associates, Ltd., Huntington, NY November 1997 – present.

- Project Manager
- Certified Environmental Specialist
- Phase I Environmental Site Assessments
- Phase II Soil and Groundwater Sampling and Analysis Reports.
- Supervises and writes Remediation/Phase III and Analysis
- Geotechnical reports, class V injection well closure plans and RI/FS workplan for regulatory agency approval
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.

In addition to performing any of the above-mentioned work personally, responsible for project management, including project setup, project review and quality control/quality assurance of proposals and reports

FIELD SKILLS:

- Completed OSHA 40 HOUR HAZWOPER with confined space, 8 Hour Refresher Courses to current.
- State of New Jersey Department of Environmental Protection Subsurface Inspection, License #483291
- Supervises drilling and installation of groundwater monitoring wells, drilling of borings, UST removals, geotechnical drilling, leaching pool "super sucker" remediation, ground penetrating radar survey.
- Performs split spoon soil sampling, groundwater monitoring well installation, purging & sampling, soil-vapor sampling, UST sampling & registration, dye trace & floor drain closure, magnetometer survey
- Experience with PID, hand auger, soil-vapor probe, soil dredge sampler, magnetometer, pH meter.

ACTIVITIES:

- Member of the National Honorary Society in the Earth Sciences Sigma Gamma Epsilon
- Member of the National Society of Research for Professionals 5 Sigma Xi
- Member of the National Honor Society C. W. Post Chapter Phi Beta Kappa
- Member of the Geological Society of America
- Member of New York State Paleontological Society
- Member of the American Natural History Museum
- Member of Sierra Club
- Member of the National Geographic Society

AFFILIATIONS

- American Institute of Professional Geologists
- Environmental Assessment Association, Certified Environmental Inspector and Specialist
- Huntington Historical Society
- Oyster Bay Historical Society
- Long Island Association
- Long Island Professional Geologists Association
- New York State Council of Professional Geologists

BRIAN C MCCABE

EDUCATION: STATE UNIVERSITY OF NEW YORK AT STONY BROOK

B.S, Geology, September, 1991, Minor in Marine Science.

M.Sc., Hydrogeology, Pending. Course work included classes in Geophysics, Chemical Hydrogeology, Organic Contaminant Hydrology, and Bio-Remediation.

EXPERIENCE:

SENIOR GEOLOGIST

LAUREL Environmental Associates, Ltd.

- Phase I Environmental Site Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- Completed OSHA 40 Hour HAZWOPER Supervisors course, 8 Hour Refresher Courses.
- Completed ASTM Environmental Site Assessment training course for professionals.

January, 2012-present

PROJECT MANAGER, DEPARTMENT MANAGER: PROFESSIONAL SERVICES

Fenley & Nicol Environmental Inc.

In charge of Environmental Services Group. Scope of work within group includes the following:

- Phase I Environmental Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- Construction and operation of remediation system.

In addition to performing any of the above-mentioned work, personally responsible for project management, of professional staff project, which, included review of proposals and reports generated by the professional service department.

Certified: OSHA Forty Hour HAZWOPER Course
Preston Groundwater Remediation Course
ASTM 1527-05 Environmental Site Assessment training course
Waterloo, Groundwater modeling I training course
Exxon-Mobil, LPS training
LIRR Track Safety training

September, 1997-July, 2012

BRIAN C MCCABE CONTINUED

FIELD TECHNICIAN, AND LABORATORY SUPERVISER

Kemron Environmental Services, Inc.

FIELD TECHNICIAN – Collected waste water and Indoor Air Quality (IAQ) samples.

LABORATORY SUPERVISER, - Supervised and performed the analysis of asbestos air and bulk samples utilizing Phase Contrast and Polarized Light Microscopist, Performed on-site sampling and analysis of asbestos air and bulk samples at the Hess oil refinery in St. Croix during the cleanup of *Hurricane Hugo*. Also worked as GC/MS and HPLC technician. Perform air, bulk and water analysis for metals utilizing ICP and Flame AA instrumentation.

Part time from February 1990-May 1991

Full time from May 1991-September 1997

AFFILIATIONS

Long Island Geologists

United States Coast Guard Auxiliary

THOMAS H. JOHANSEN

EXPERIENCE

Geologist, Laurel Environmental Associates, Ltd., Huntington, NY

August 2008 – Present

- ❑ Phase I Environmental Site Assessments
- ❑ Phase II Subsurface Soil, Soil Vapor, and Groundwater Investigations
- ❑ Remediation/Phase III projects and reports
- ❑ Sub-Slab Soil Vapor and Indoor Air Quality (IAQ) studies
- ❑ Groundwater Quality Investigations
- ❑ Underground Injection Well Closure (UIC)
- ❑ Underground Storage Tank (UST) removals, abandonments, and spill closures
- ❑ Hazardous site remediation

FIELD SKILLS:

- ❑ Performs various methods of soil, soil vapor and groundwater sampling
- ❑ Experienced with truck-mounted, track mounted and portable Geoprobe® machines and tooling
- ❑ Supervises ground penetrating radar, magnetic and utility surveys
- ❑ Supervises leaching pool remediation
- ❑ Performs and supervises direct push and hollow stem auger monitoring well installation
- ❑ Experienced with various field screening and monitoring equipment such as Photo Ionization Detector and water quality instruments
- ❑ Experienced with magnetic and pipe locating equipment
- ❑ Completed OSHA 40-Hour HAZWOPER Training program, 8 Hour Refresher Courses to current.

EDUCATION

BS Geology, May 2008.

- ❑ Hofstra University, New York

RELATED COURSES

- ❑ Environmental Science I, Geology I & II, Hydrogeology, Petrography, GeoChemistry, Cartography, Sedimentation, Stratigraphy, Chemistry I & II, Physics I & II, Biology, Computer Science I, Calculus I & II.

CHRISTOPHER J. CONNOLLY

EDUCATION

BSc Music Technology and Audio Systems Design, May 2008

- ❑ University of Derby, Derbyshire, United Kingdom

RELATED COURSES

- ❑ Acoustics, Auditory Perception and Psychoacoustics, Micro-electronics, Sound Reinforcement, Electronic Communications Technology, C/C++ Programming, Quantitative Methods.

EXPERIENCE

Environmental Consultant, Vibroek Limited, Heanor, Derbyshire, United Kingdom

September 2008 – April 2010

- ❑ Conducted Occupational Personal Noise and Dust Monitoring
- ❑ Conducted Environmental Compliance Noise and Dust Monitoring
- ❑ Produced technical reports based on monitoring sessions

Environmental Scientist, Laurel Environmental Associates, Ltd., Huntington, NY

December 2010 – Present

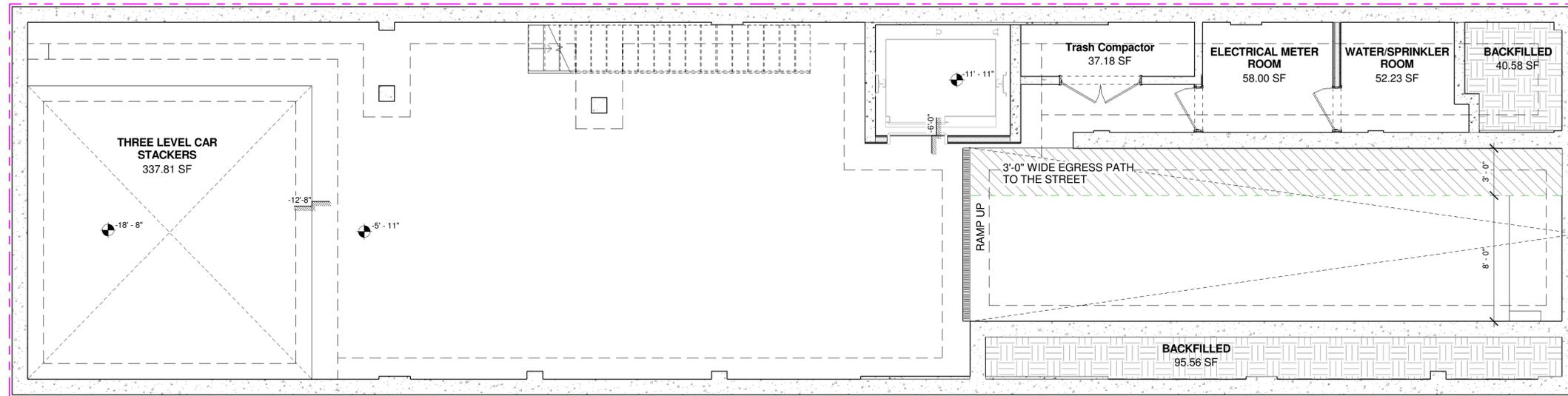
- ❑ Assists in visual inspections of Phase I & II Environmental Site Assessments
- ❑ Writes Transaction screen and Phase I Environmental Site Assessments
- ❑ Assists in Phase II site operations

FIELD SKILLS:

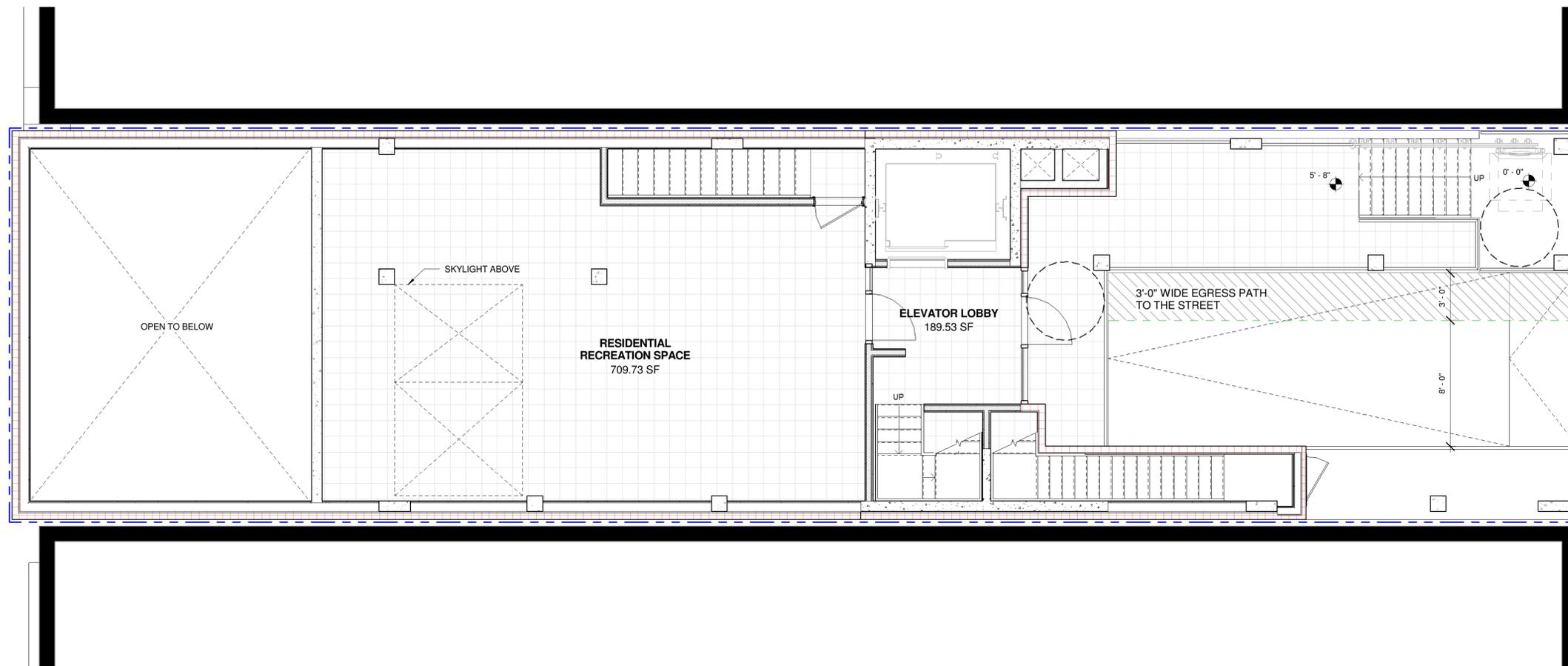
- ❑ Assists in various methods of soil and groundwater sampling, groundwater monitoring, well purging & sampling.
- ❑ Assists with truck-mounted, track-mounted and portable Geoprobe® machines and tooling.
- ❑ Assists with ground penetrating radar, magnetic and utility surveys.
- ❑ Supervises leaching pool remediation.
- ❑ Completed OSHA 24-Hour HAZWOPER Training program
- ❑ Has conducted Nuisance Noise and Excessive Vibration monitoring assessments.
- ❑ Assists in air quality and dust sampling in residential and commercial spaces.
- ❑ Assists in environmental remediation projects.
- ❑ Experience with various forms of noise monitoring equipment such as; Casella and Cirrus Sound Level Meters, and Personal Dosimeter badges, personal and environmental particulate dust monitoring apparatus, such as; personal air flow pumps, cyclone filter heads, filters and weighing balance.
- ❑ Working knowledge of the aggregate industry including; Quarrying practices, machinery and equipment and concrete, asphalt and block production methods.
- ❑ Knowledge of noise and dust suppression, protection and reduction methods including; Personal Protective Equipment (hearing protection and dust masks), dust extraction, acoustic dampening and general safe work practices.

APPENDIX B

Redevelopment Plans



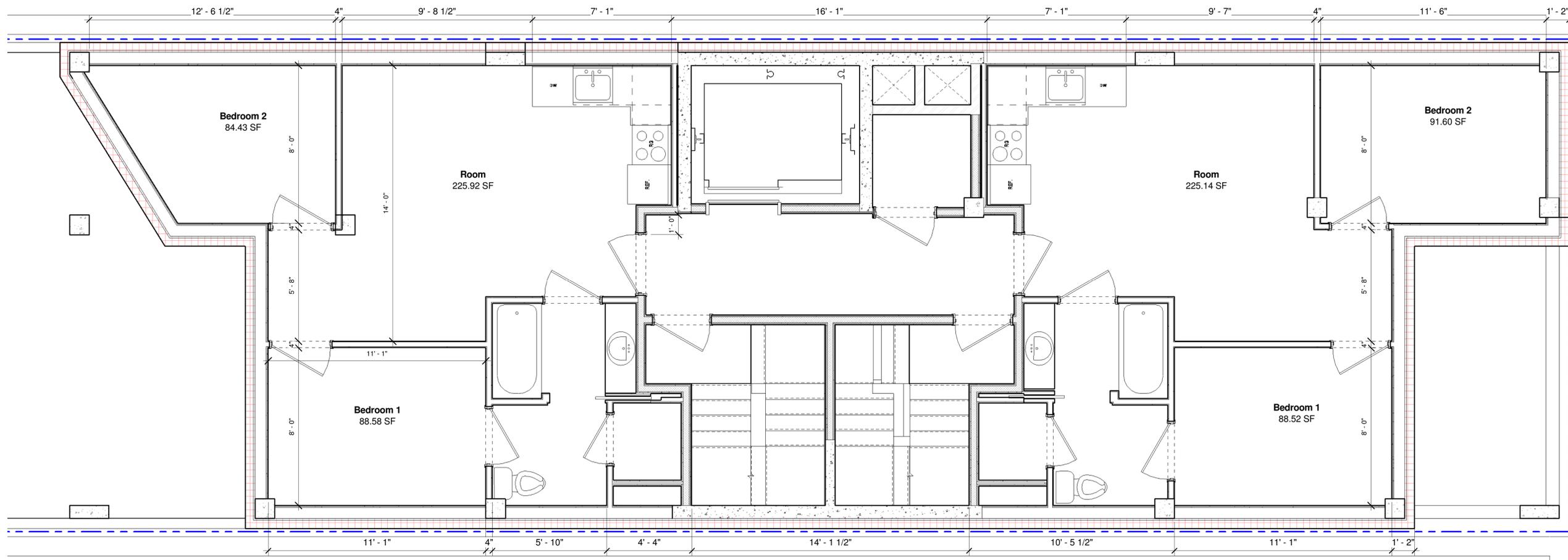
① Cellar Plan
1/4" = 1'-0"



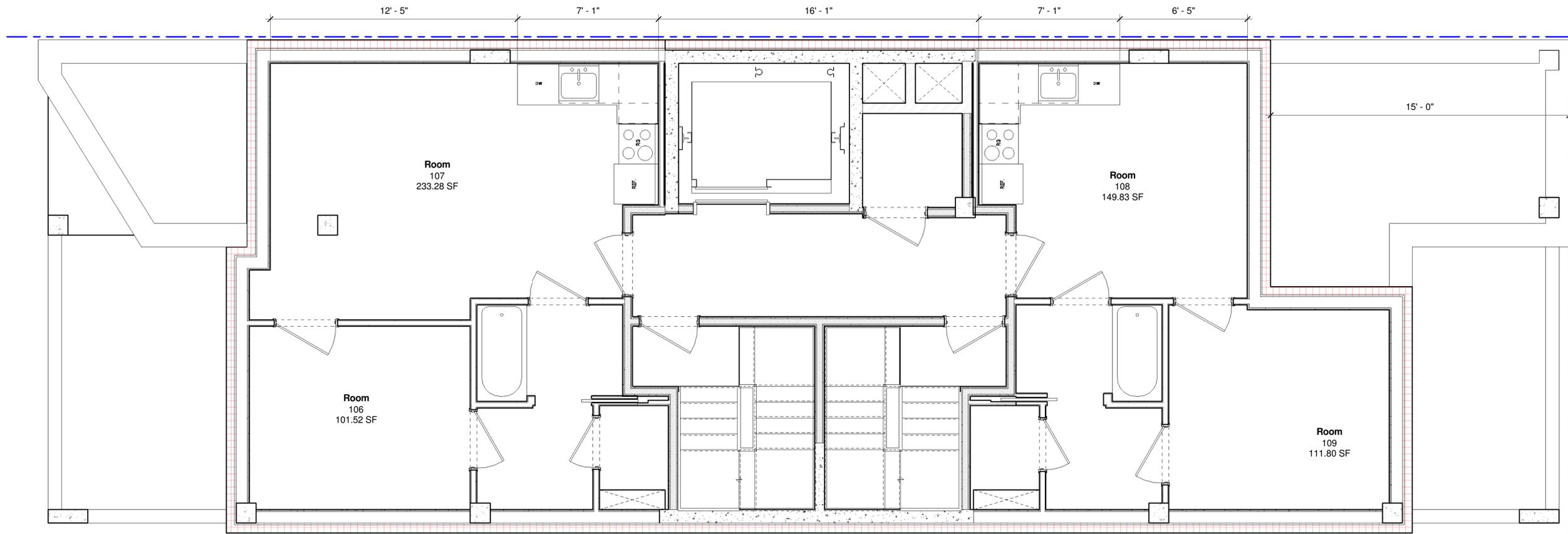
② 1st Floor
1/4" = 1'-0"

Revision No.	Date	Remarks

DOB APPLICATION NO. *****
SCARANO ARCHITECTS P L L C
110 York Street, Brooklyn, NY 11201 Phone (718) 222-0322 Fax (718) 222-4486 www.scaranoarchitects.com
<small>Copyright 2000 Scarano & Architects, PLLC. This drawing is an instrument of service and is the sole property of Scarano Architects, PLLC. Any use of this drawing without the written consent by Scarano Architects, PLLC is prohibited. Drawing scales as indicated are for reference only and are not intended to accurately depict actual or designed conditions. Written dimensions shall govern.</small>
Project: 415 MANHATTAN AVENUE BROOKLYN N.Y. 11229
Title: CELLAR/1ST FL. PLAN
DWG # A-100.00
Signature: _____ Date: 07/22/02
Seal: _____ Scale: 1/4" = 1'-0"
Drawn: Designer
Job # 32157
Checked: Checker



① 2nd Floor
3/8" = 1'-0"



② 7th Floor
3/8" = 1'-0"

Revision No.	Date	Remarks

DOB APPLICATION NO.

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Project:

**415 MANHATTAN AVENUE
BROOKLYN N.Y. 11229**

Title:

**2nd-6th Floors & 7th Floor
Plans**

DWG #

A-101.00

Signature:

Date:

07/22/02

Seal:

Scale:

3/8" = 1'-0"

Drawn:

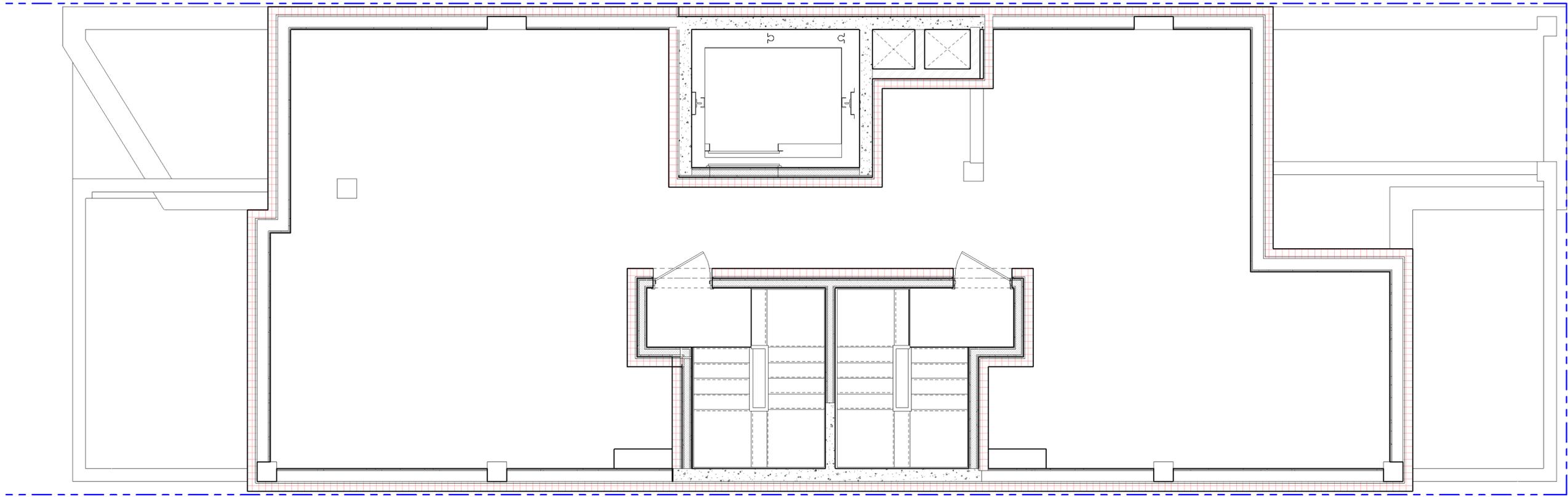
Designer

Job #

32157

Checked:

Checker



② Roof
3/8" = 1'-0"

Revision No.	Date	Remarks

DOB APPLICATION NO.

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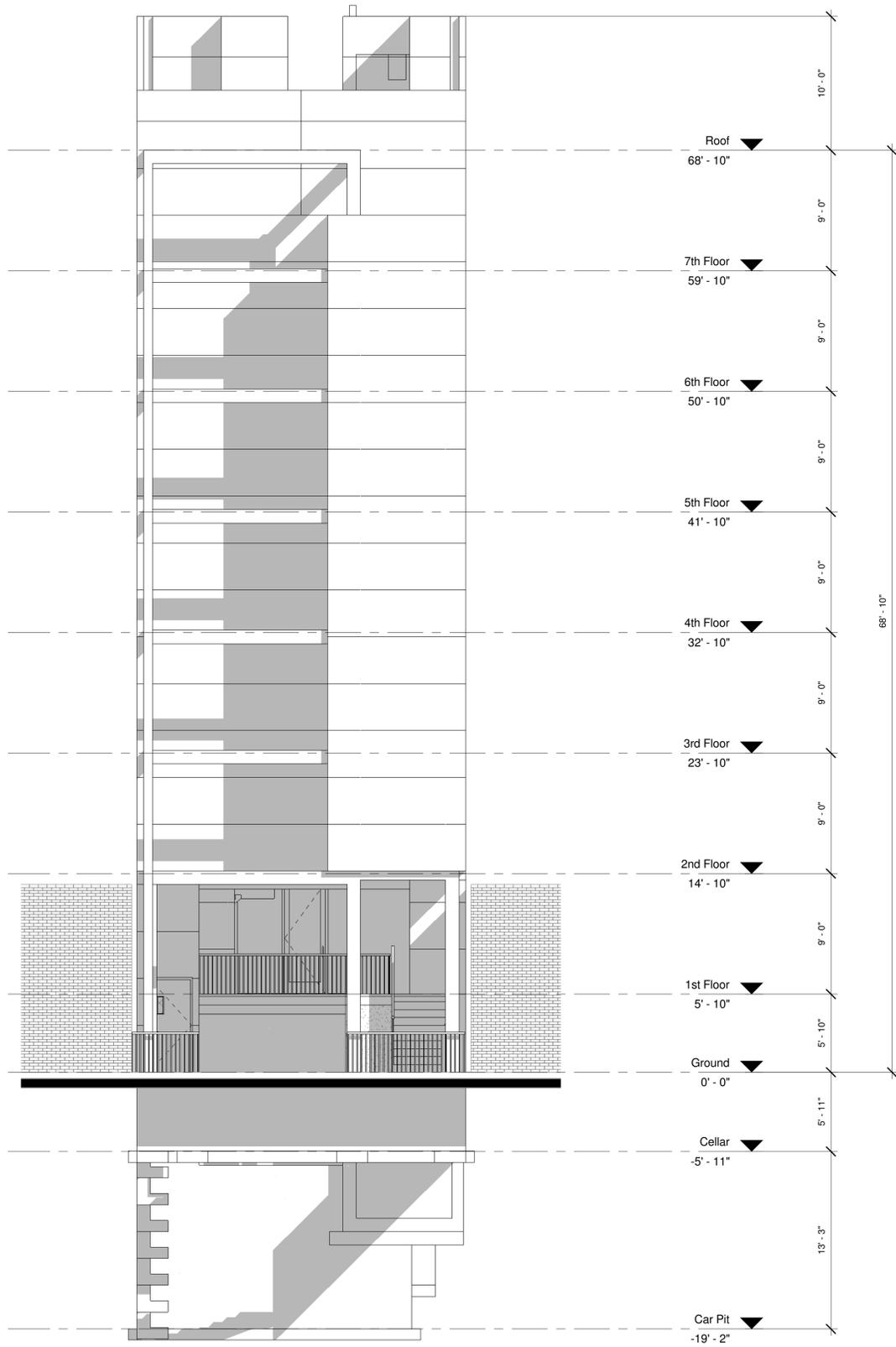
Drawing scales as indicated are for reference only and are not intended to accurately depict actual or designed conditions. Written dimensions shall govern.

Project:
**415 MANHATTAN AVENUE
BROOKLYN N.Y. 11229**

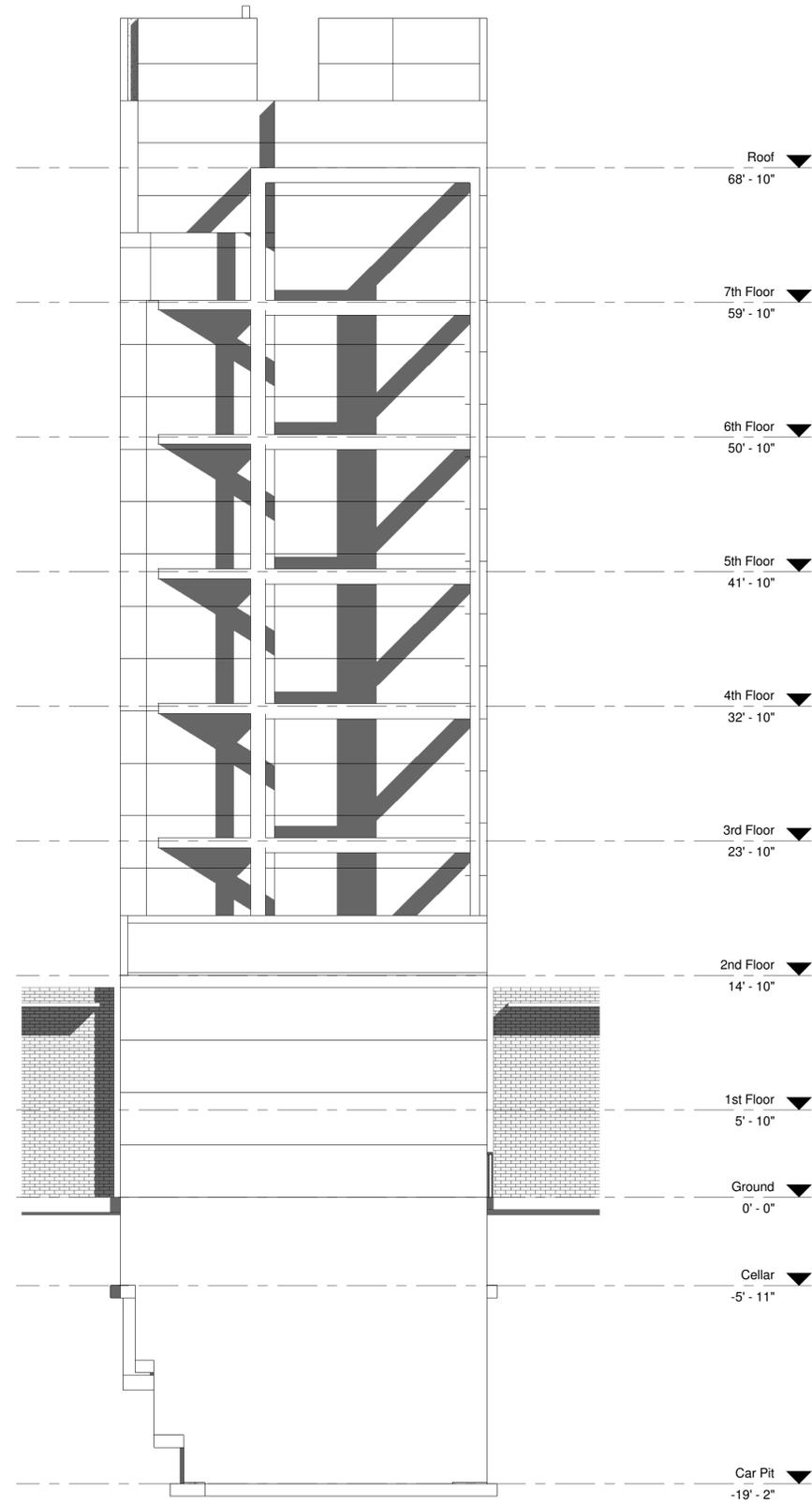
Title:
ROOF PLAN

DWG # **A-102.00**

Signature:	Date: 04/23/13
Seal:	Scale: 3/8" = 1'-0"
	Drawn: Designer
	Job # 32157
	Checked: Checker



1 East
3/16" = 1'-0"



2 West
3/16" = 1'-0"

Revision No.	Date	Remarks

DOB APPLICATION NO.

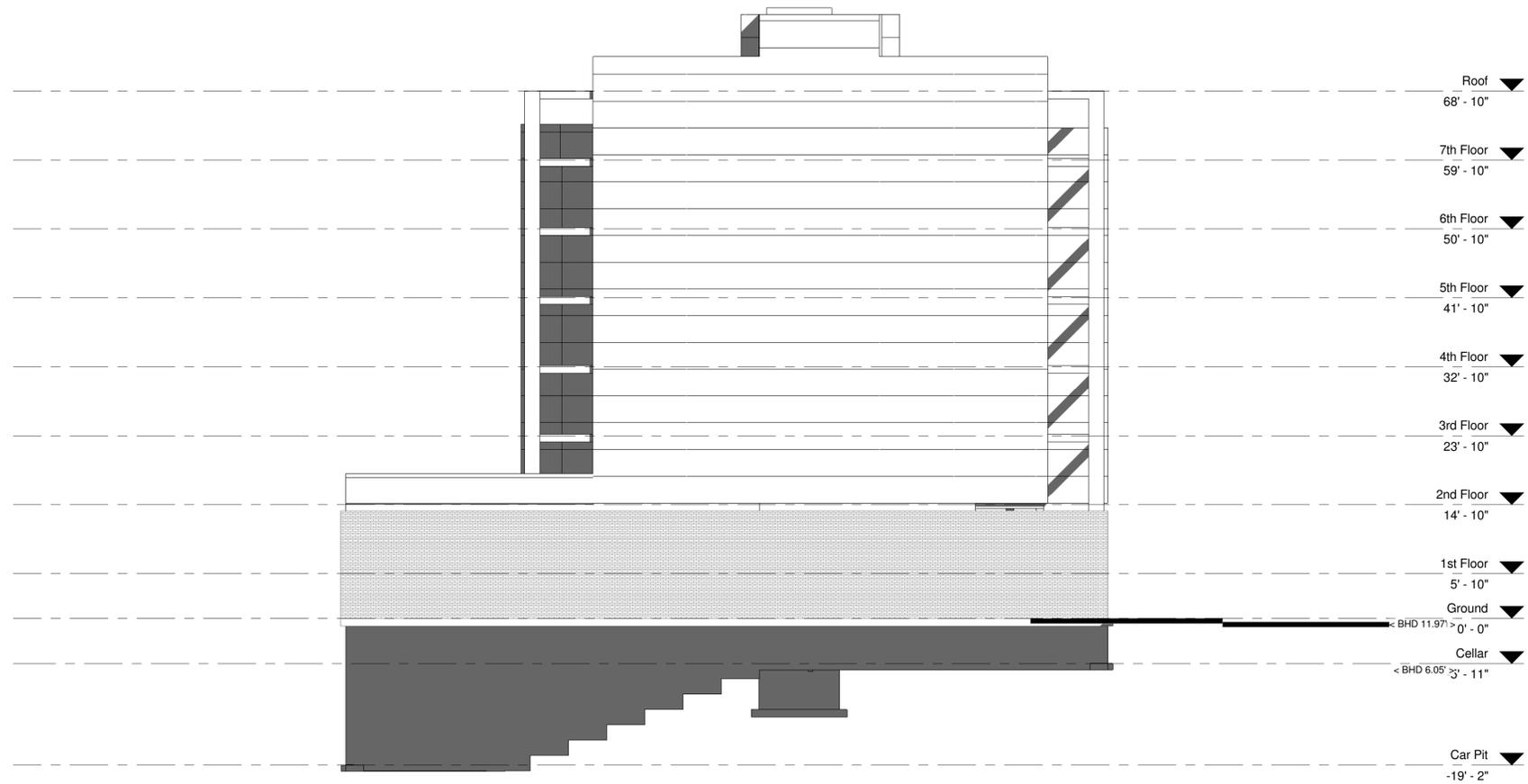
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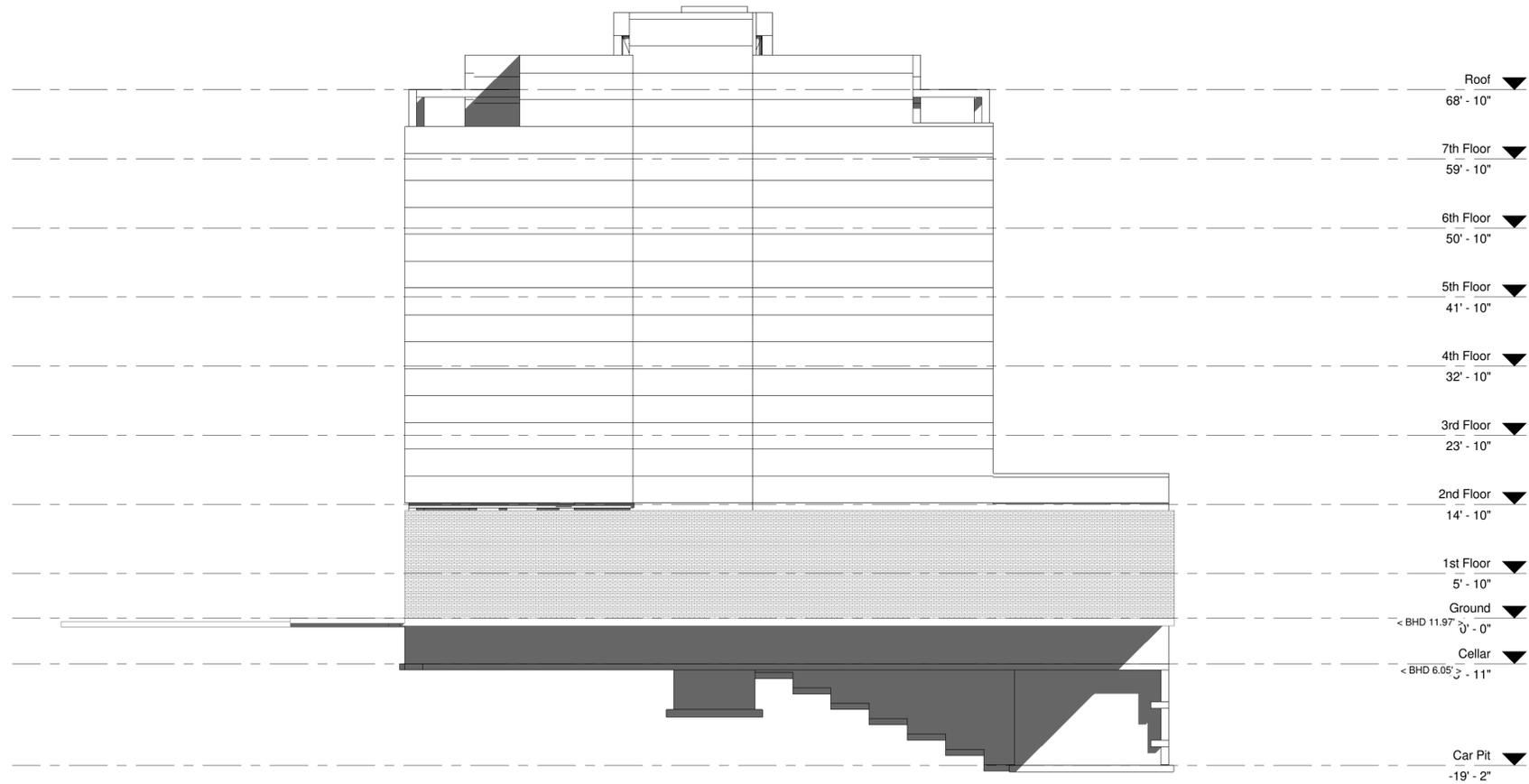
Project:
**415 MANHATTAN AVENUE
BROOKLYN N.Y. 11229**

Title:
EAST/WEST ELEVATIONS

DWG # A-200.00	
Signature:	Date: 07/22/02
Seal:	Scale: 3/16" = 1'-0"
	Drawn: Designer
	Job # 32157
	Checked: Checker

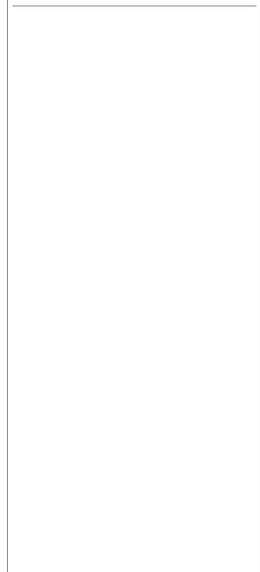


① South
1" = 10'-0"



② North
1" = 10'-0"

Revision No.	Date	Remarks



DOB APPLICATION NO.

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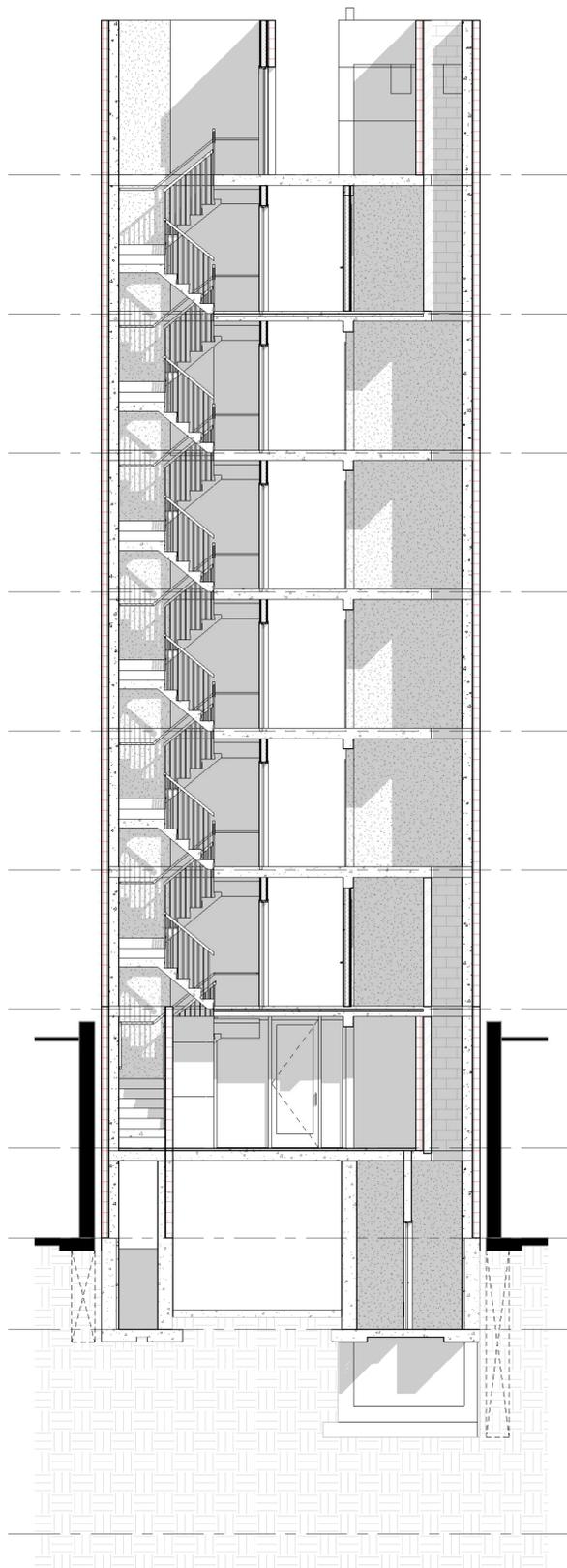
Drawing scales as indicated are for reference only and are not intended to accurately depict actual or designed conditions. Written dimensions shall govern.

Project:
**415 MANHATTAN AVENUE
BROOKLYN N.Y. 11229**

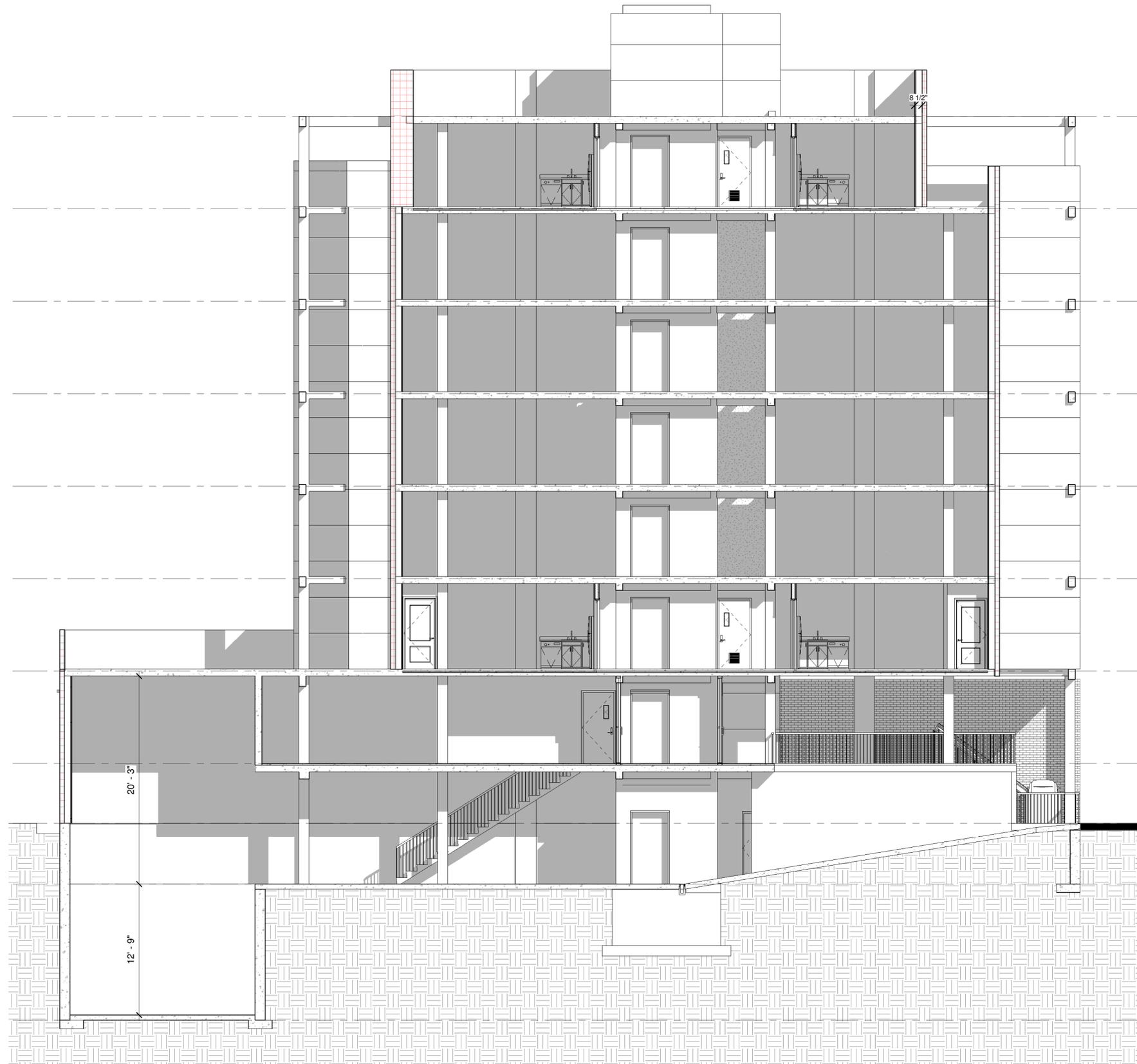
Title:
**NORTH/SOUTH
ELEVATIONS**

DWG #
A-201.00

Signature:	Date: 07/22/02
Seal:	Scale: 1" = 10'-0"
	Drawn: Designer
	Job # 32157
	Checked: Checker



② Section 1
3/16" = 1'-0"



① Section 2
3/16" = 1'-0"

- Roof ▼
68' - 10"
- 7th Floor ▼
59' - 10"
- 6th Floor ▼
50' - 10"
- 5th Floor ▼
41' - 10"
- 4th Floor ▼
32' - 10"
- 3rd Floor ▼
23' - 10"
- 2nd Floor ▼
14' - 10"
- 1st Floor ▼
5' - 10"
- Ground ▼
0' - 0"
- Cellar ▼
-5' - 11"
- Car Pit ▼
-19' - 2"

Revision No.	Date	Remarks

DOB APPLICATION NO.

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Project:
**415 MANHATTAN AVENUE
BROOKLYN N.Y. 11229**

Title:
BUILDING SECTIONS

DWG #
A-300.00

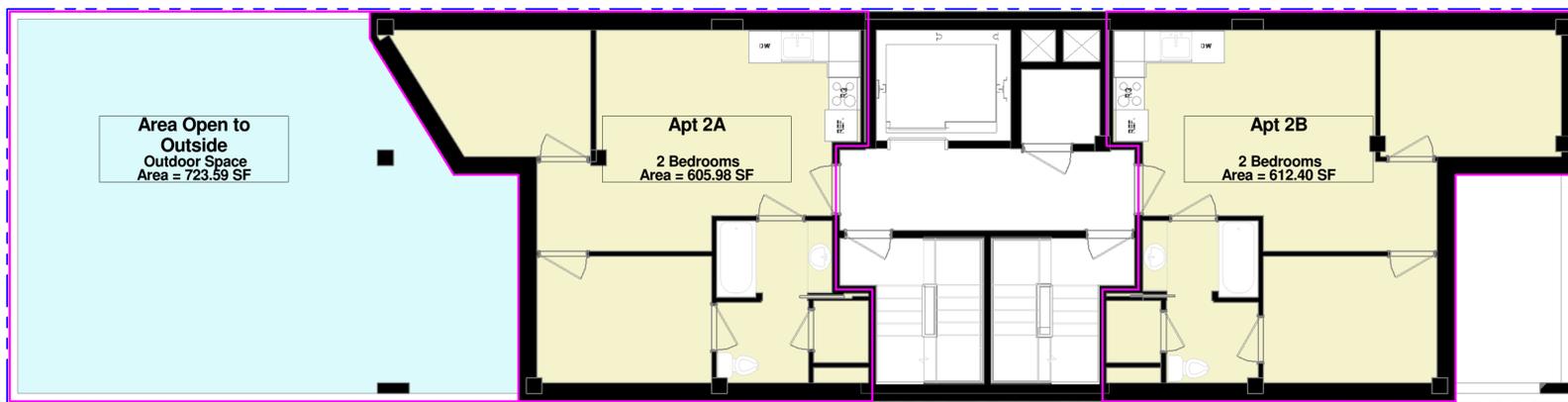
Signature:	Date: 07/22/02
Seal:	Scale: 3/16" = 1'-0"
	Drawn: Designer
	Job # 32157
	Checked: Checker



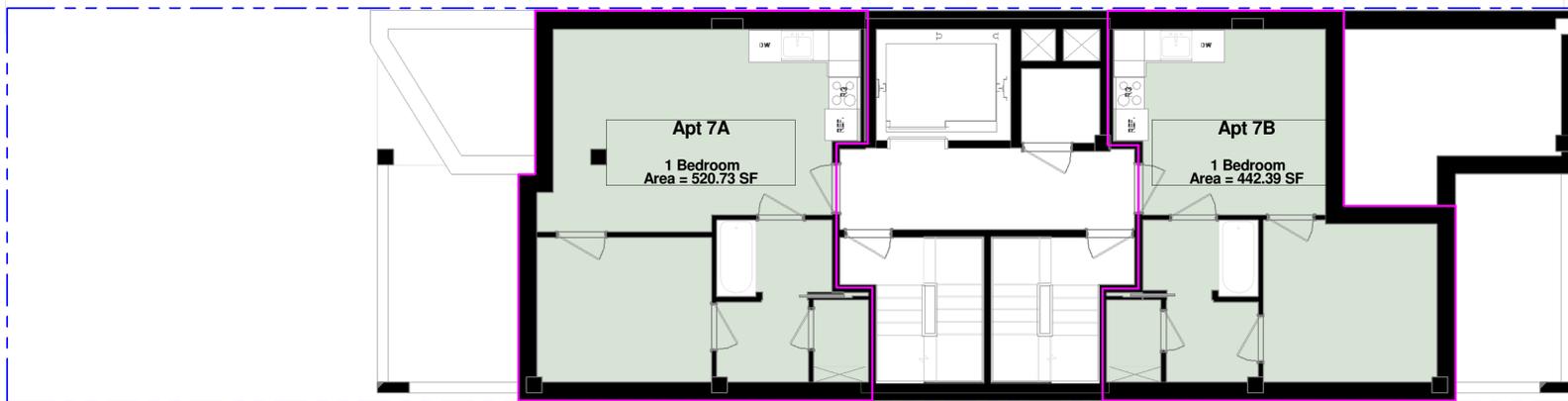
② Cellar
3/16" = 1'-0"



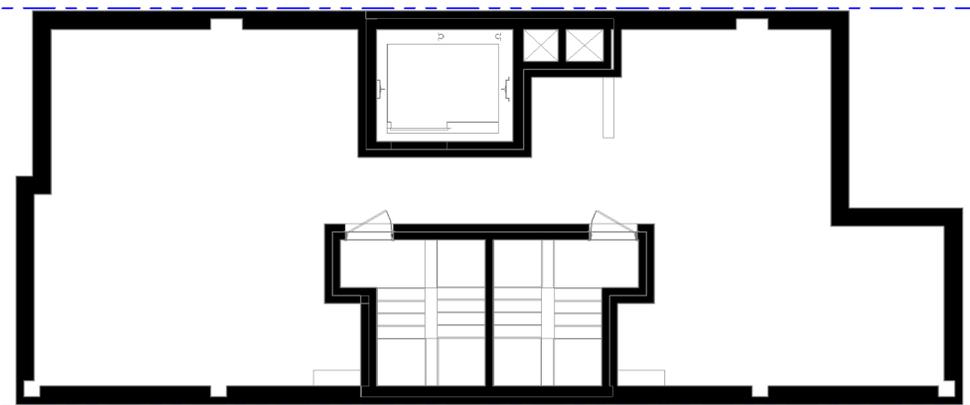
③ 1st Floor
3/16" = 1'-0"



① 2nd Floor
3/16" = 1'-0"



④ 7th Floor
3/16" = 1'-0"



⑤ Roof
3/16" = 1'-0"

Area Schedule (Apartment Breakdown Schedule)		
Room Type	Name	Area
Area Open to Outside	Outdoor Space	1,479.14 SF
Car Garage @ First Floor	Parking	471.75 SF
Mech/Meter/Trash Rooms	Mechanical	161.38 SF
Residential Car Garage @ Cellar	Parking	1,764.24 SF
Residential Rec. Space	Recreation Area	801.48 SF
		4,677.98 SF
Apt 2A	2 Bedrooms	605.98 SF
Apt 2B	2 Bedrooms	612.40 SF
Apt 3A	2 Bedrooms	605.98 SF
Apt 3B	2 Bedrooms	612.40 SF
Apt 4A	2 Bedrooms	605.98 SF
Apt 4B	2 Bedrooms	612.40 SF
Apt 5A	2 Bedrooms	605.98 SF
Apt 5B	2 Bedrooms	612.40 SF
Apt 6A	2 Bedrooms	605.98 SF
Apt 6B	2 Bedrooms	612.40 SF
Apt 7A	1 Bedroom	520.73 SF
Apt 7B	1 Bedroom	442.39 SF
Grand total		11,733.01 SF

Revision No.	Date	Remarks

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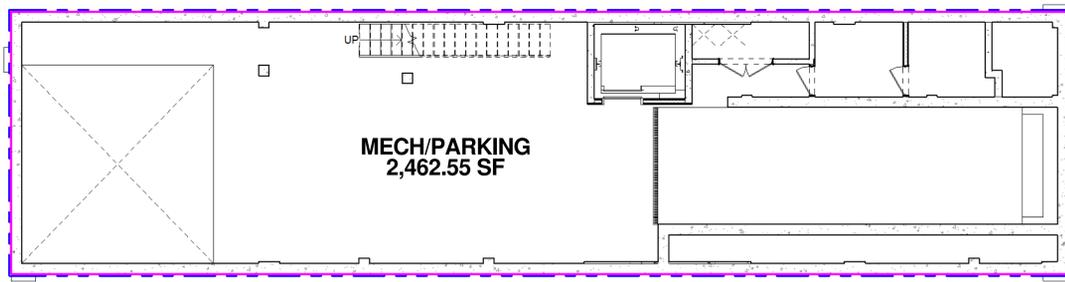
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Project:
415 MANHATTAN AVENUE
BROOKLYN N.Y. 11229

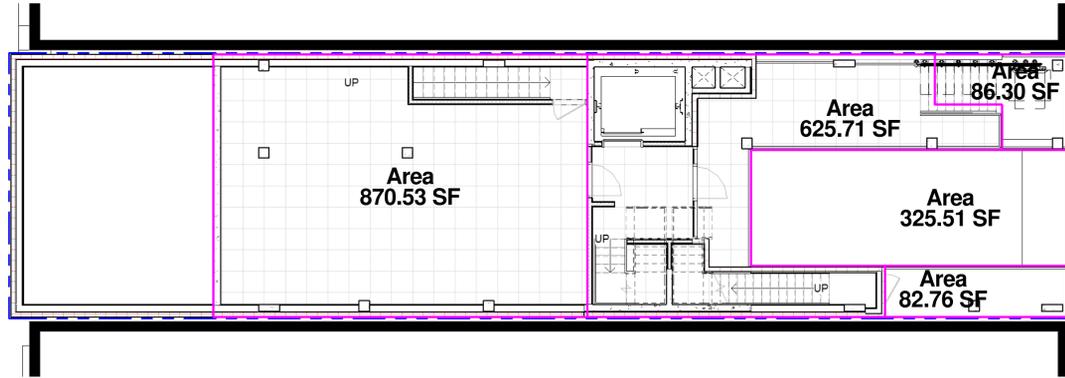
Title:
USE BREAKDOWN

DWG #
AREAS

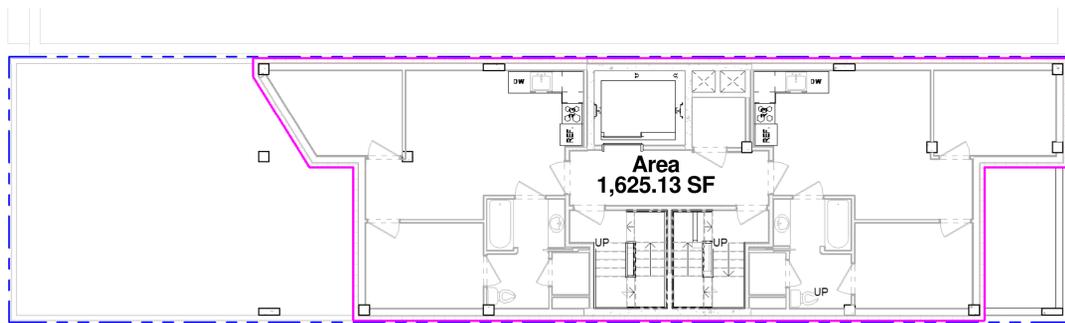
Signature:	Date: 05/14/13
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	Drawn: Designer
	Job # 32157
	Checked: Checker



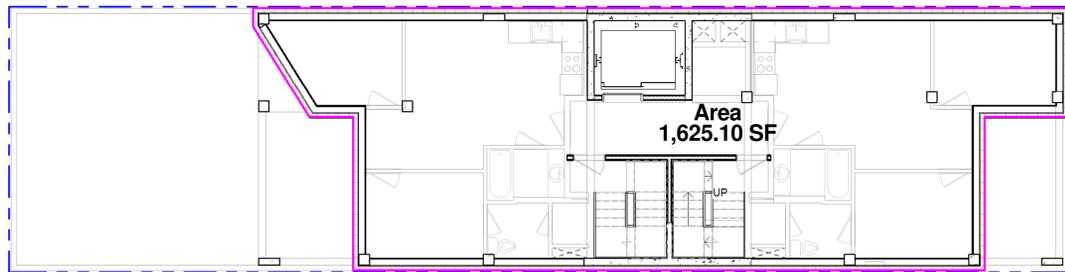
2 Cellar
1/8" = 1'-0"



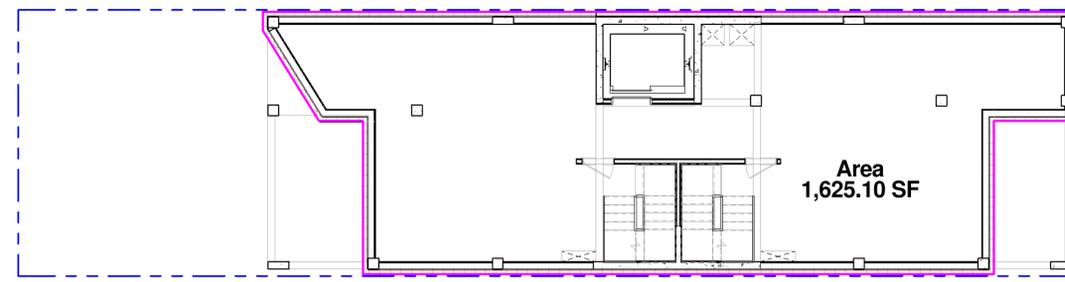
1 1st Floor Structural
1/8" = 1'-0"



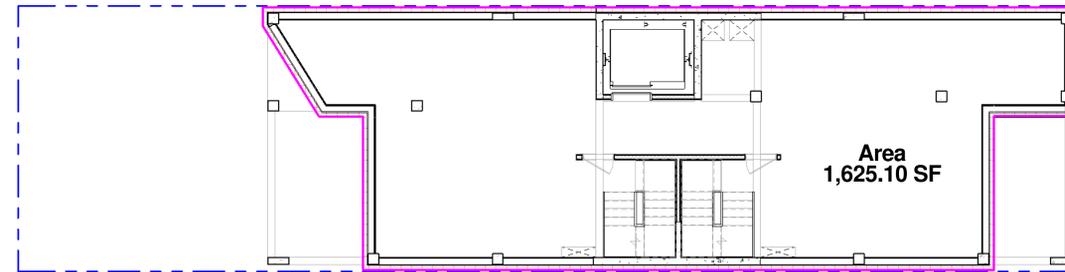
3 2nd Floor Structural
1/8" = 1'-0"



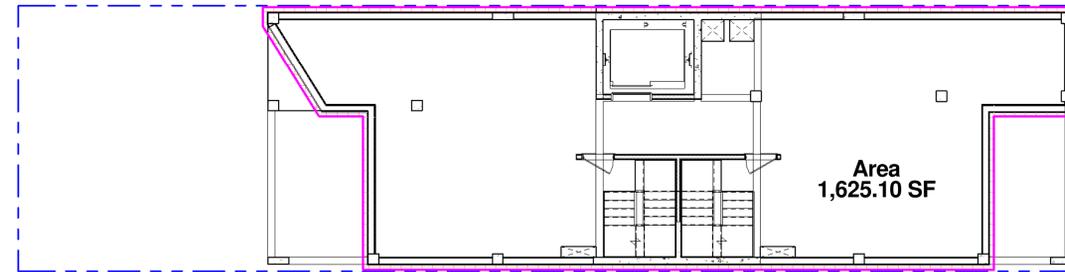
4 3rd Floor Structural
1/8" = 1'-0"



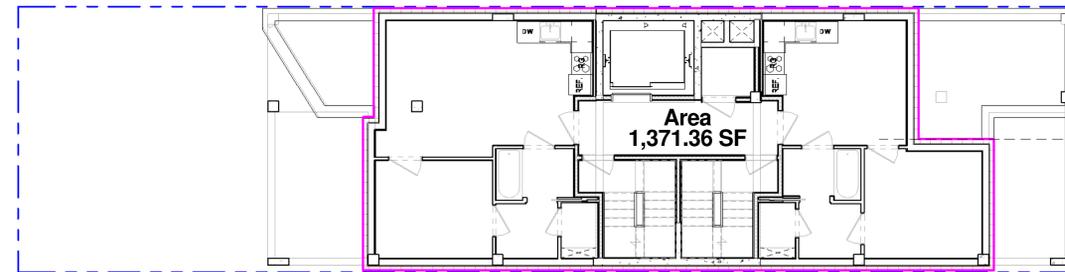
5 4th Floor Structural
1/8" = 1'-0"



6 5th Floor Structural
1/8" = 1'-0"



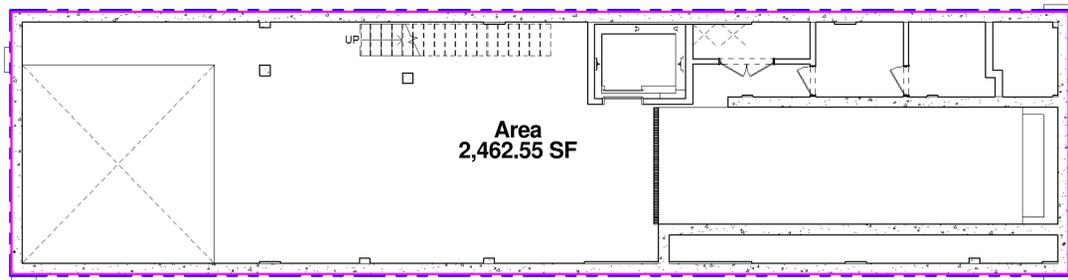
7 6th Floor Structural
1/8" = 1'-0"



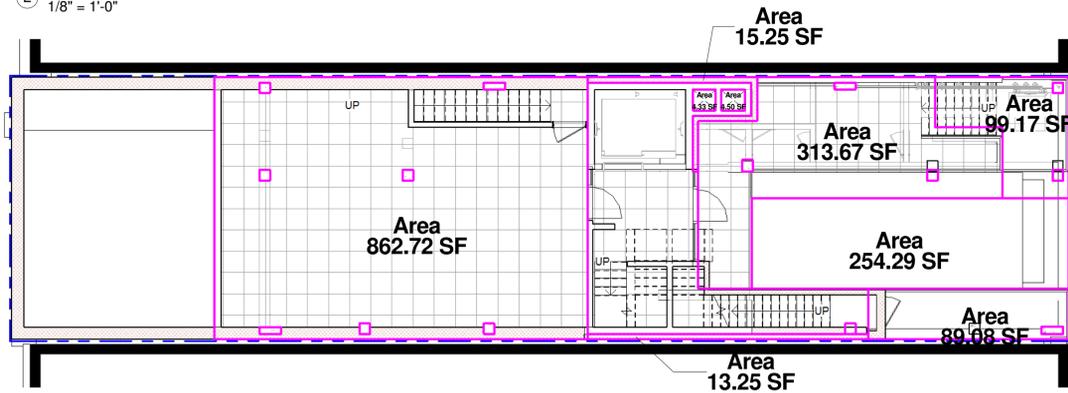
8 7th Floor Structural
1/8" = 1'-0"

Area Schedule (Gross Building)		
Level	Name	Area
Cellar	MECH/PARKING	2,462.55 SF
1st Floor Structural	Area	1,990.80 SF
2nd Floor Structural	Area	1,625.13 SF
3rd Floor Structural	Area	1,625.10 SF
4th Floor Structural	Area	1,625.10 SF
5th Floor Structural	Area	1,625.10 SF
6th Floor Structural	Area	1,625.10 SF
7th Floor Structural	Area	1,371.36 SF
Grand total		13,950.24 SF

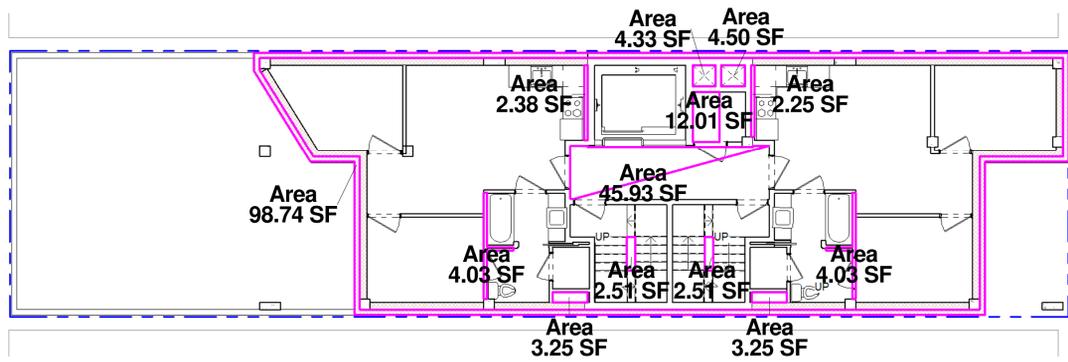
Revision No.	Date	Remarks
DOB APPLICATION NO. *****		
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Project: 415 MANHATTAN AVENUE BROOKLYN N.Y. 11229		
Title: ZONING GROSS AREA COMPUTATION		
DWG # Z-002.00		
Signature:	Date:	04/26/13
Seal:	Scale:	1/8" = 1'-0"
	Drawn:	Designer
	Job #	32157
	Checked:	Checker



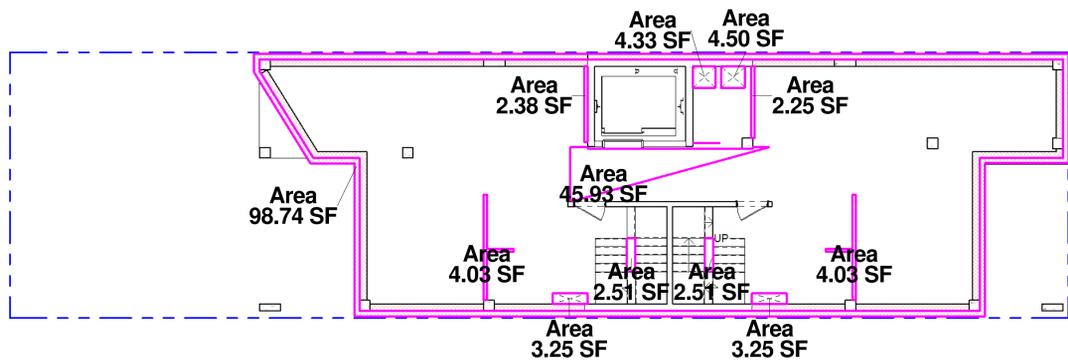
2 Cellar
1/8" = 1'-0"



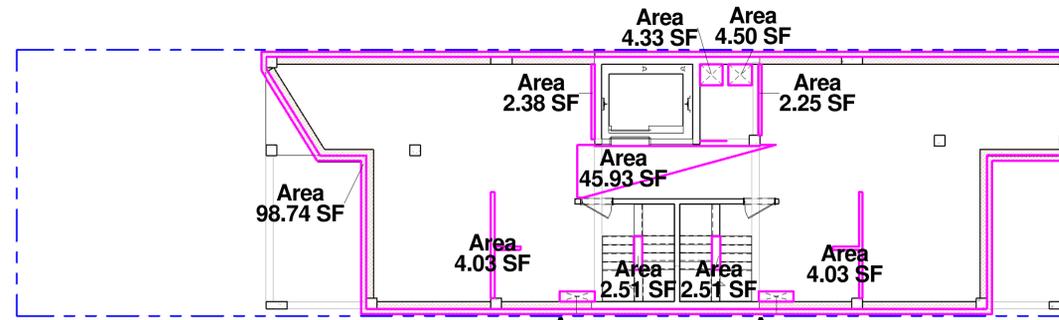
1 1st Floor Structural
1/8" = 1'-0"



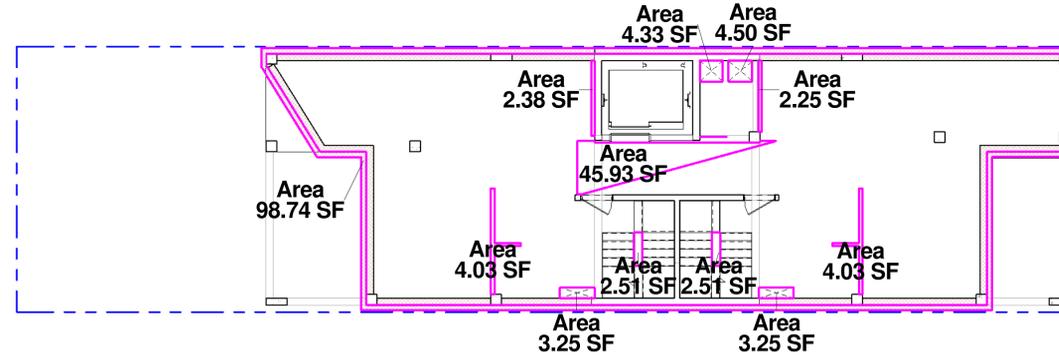
3 2nd Floor Structural
1/8" = 1'-0"



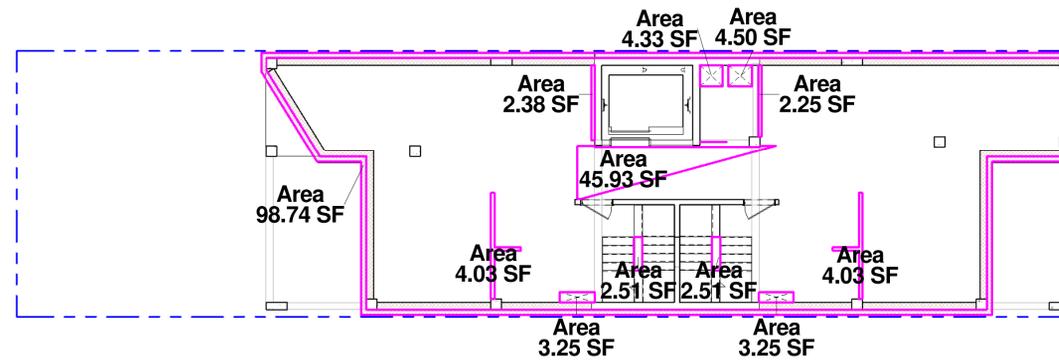
4 3rd Floor Structural
1/8" = 1'-0"



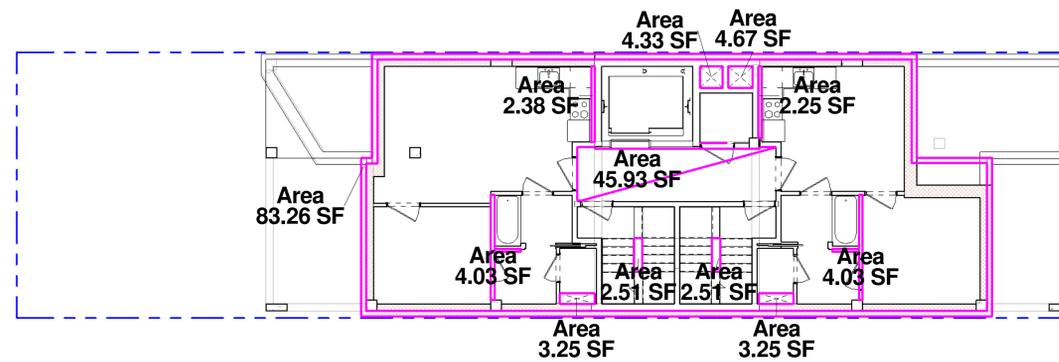
5 4th Floor Structural
1/8" = 1'-0"



6 5th Floor Structural
1/8" = 1'-0"



7 6th Floor Structural
1/8" = 1'-0"



8 7th Floor Structural
1/8" = 1'-0"

Area Schedule (Deduction)			
Level	Comments	Name	Area
Cellar		Area	2,462.55 SF
Cellar			2,462.55 SF
1st Floor Structural		Area	4.33 SF
1st Floor Structural		Area	4.50 SF
1st Floor Structural		Area	13.25 SF
1st Floor Structural		Area	15.25 SF
1st Floor Structural		Area	89.08 SF
1st Floor Structural		Area	99.17 SF
1st Floor Structural		Area	254.29 SF
1st Floor Structural		Area	313.67 SF
1st Floor Structural		Area	862.72 SF
1st Floor Structural			1,656.27 SF
2nd Floor Structural		Area	2.25 SF
2nd Floor Structural		Area	2.38 SF
2nd Floor Structural		Area	5.01 SF
2nd Floor Structural		Area	6.50 SF
2nd Floor Structural		Area	8.05 SF
2nd Floor Structural		Area	4.33 SF
2nd Floor Structural		Area	4.50 SF
2nd Floor Structural		Area	12.01 SF
2nd Floor Structural		Area	45.93 SF
2nd Floor Structural		Area	98.74 SF
2nd Floor Structural			189.71 SF
3rd Floor Structural		Area	2.25 SF
3rd Floor Structural		Area	2.38 SF
3rd Floor Structural		Area	5.01 SF
3rd Floor Structural		Area	6.50 SF
3rd Floor Structural		Area	8.05 SF
3rd Floor Structural		Area	4.33 SF
3rd Floor Structural		Area	4.50 SF
3rd Floor Structural		Area	45.93 SF
3rd Floor Structural		Area	98.74 SF
3rd Floor Structural			177.70 SF
4th Floor Structural		Area	2.25 SF
4th Floor Structural		Area	2.38 SF
4th Floor Structural		Area	5.01 SF
4th Floor Structural		Area	6.50 SF
4th Floor Structural		Area	8.05 SF
4th Floor Structural		Area	4.33 SF
4th Floor Structural		Area	4.50 SF
4th Floor Structural		Area	45.93 SF
4th Floor Structural		Area	98.74 SF
4th Floor Structural			177.70 SF
5th Floor Structural		Area	2.25 SF
5th Floor Structural		Area	2.38 SF
5th Floor Structural		Area	5.01 SF
5th Floor Structural		Area	6.50 SF
5th Floor Structural		Area	8.05 SF
5th Floor Structural		Area	4.33 SF
5th Floor Structural		Area	4.50 SF
5th Floor Structural		Area	45.93 SF
5th Floor Structural		Area	98.74 SF
5th Floor Structural			177.70 SF
6th Floor Structural		Area	2.25 SF
6th Floor Structural		Area	2.38 SF
6th Floor Structural		Area	5.01 SF
6th Floor Structural		Area	6.50 SF
6th Floor Structural		Area	8.05 SF
6th Floor Structural		Area	4.33 SF
6th Floor Structural		Area	4.50 SF
6th Floor Structural		Area	45.93 SF
6th Floor Structural		Area	98.74 SF
6th Floor Structural			177.70 SF
7th Floor Structural		Area	2.25 SF
7th Floor Structural		Area	2.38 SF
7th Floor Structural		Area	5.01 SF
7th Floor Structural		Area	6.50 SF
7th Floor Structural		Area	8.05 SF
7th Floor Structural		Area	4.33 SF
7th Floor Structural		Area	4.67 SF
7th Floor Structural		Area	45.93 SF
7th Floor Structural		Area	83.26 SF
7th Floor Structural			162.39 SF
Grand total			5,181.72 SF

Revision No. Date Remarks

DOB APPLICATION NO. *****

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Project:
**415 MANHATTAN AVENUE
 BROOKLYN N.Y. 11229**

Title:
**ZONING DEDUCTION AREA
 COMPUTATIONS**

DWG #
Z-003.00

Signature: _____ Date: 04/26/13
 Scale: 1/8" = 1'-0"
 Drawn: Designer
 Job #: 32157
 Checked: Checker

APPENDIX C

Health and Safety Plan



INTERIM REMEDIAL MEASURES
HEALTH AND SAFETY PLAN

NYC VOLUNTARY CLEANUP SITE

415 Manhattan Avenue
Brooklyn, New York

AUGUST, 2013
LEA PROJECT # 12-409

Sheila Bubka CIH

Sheila Bubka, CIH
Health and Safety Officer
AIHA Certification Number 6111

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HEALTH AND SAFETY PLAN FOR USE DURING REMEDIAL INVESTIGATION REPORT

1.0 PURPOSE

The purpose of this Health and Safety Plan (HASP) is to assign responsibilities, establish minimum personnel protection standards and operating procedures and provide for contingencies that may arise while operations are being performed at the subject site, 415 Manhattan Avenue, Brooklyn, New York.

Laurel Environmental Associates, Ltd. (LEA) and its subcontractors will be responsible for providing materials, equipment and labor required by the HASP. The protocols of the HASP will be followed by all personnel involved in the work, including employees and agents of Contractors, Subcontractors and Owner. Mr. Scott A. Yanuck, *LEA* Hydrologist, and Thomas H. Johansen, Geologist, are the Project Managers, Sheila Bubka is the Health and Safety Officer, and Carla Sullivan is the Quality Assurance/Quality Control Officer for the project.

This HASP establishes the minimum level of personnel protection. Additional measures will be implemented if necessary to protect personnel involved in the work and the public at large.

Conditions at the site are not expected to warrant either Level B or Level C protection during the investigation based on known site conditions. Regardless, all workers present on site will be familiar with proper protection procedures and the HASP. All personnel scheduled to work at the site are 40-hour OSHA HAZWOPER CFR 1910.120 trained, with 8-hour refreshers up to date.

Given the scope of the work, and the type of contaminants on-site, there is a low potential of the surrounding community being negatively impacted by activities which will be conducted during this investigation. *Laurel Environmental Associates, Ltd.* will take every possible step to avoid any type of negative impact.

The Site is currently a two-story walk up residential apartment building. Soils will be field screened with a Photoionization Detector (PID) to determine the presence of organic contamination. If an emergency occurs during the measures, which in any event may impact the surrounding community, all appropriate emergency resources listed under the Emergency Contingency Plan Section of this plan will be immediately notified.

2.0 HAZARD EVALUATION

Elevated levels of volatile organic compounds (VOCs) in the atmosphere are not expected to occur during on-site activities. However, the presence of VOCs will be evaluated using a Photoionization Detector (PID). Results from the air monitoring will determine if Level D personnel protection of workers is appropriate or a higher level of protection is required.

During all activities, *LEA* personnel will monitor the area around the excavation using a PID to ensure that the appropriate worker protection is maintained for the level of pollutants found. If air monitoring indicates contaminant concentrations pose a risk to workers, the area will be immediately evacuated. Guidelines that will be followed before continuing are noted in Table 1 on the following page. If conditions warrant, Level B and C protection will be worn.

Table 1
Atmospheric Hazard Guidelines

<u>Hazard</u>	<u>Monitoring Equipment</u>	<u>Measured Level</u>	<u>Action</u>
Explosive Atmosphere	Combustible Gas Indicator	<10% LEL	Continue investigation.
		10%-20% LEL	Continue on-site monitoring with extreme caution as higher levels are encountered.
		>20% LEL	Explosion hazard. Withdraw from area immediately.
Oxygen	Multi RAE	Oxygen conc. <19.5%	Withdraw from area. NOTE: Combustible gas readings are not valid in atmosphere with oxygen levels of less than 19.5%
		19.5% - 23.5%	Continue investigation with caution.
		>23.5%	Fire hazard potential. Discontinue investigation. Withdraw from area.
Organic gases and vapors	PID	Background	Continue work
		5 ppm	Temporarily halt work until average readings drop below 5 ppm
		5 - 25 ppm	Halt work, identify and remedy or abate source
		Above 15 ppm	Continue work once average readings drop below 5 ppm Work must be shut down. Evaluate alternative approaches

Notes:

1. LEL = Lower Explosive Limit

3.0 SITE CONTROL

3.1 Site Work Locations:

Activities involving soil, groundwater and soil vapor sampling will be performed throughout the Subject Site. The work areas are the locations in which the actual activities will occur. Workers entering these areas are required to be protected as defined below. Only authorized personnel, including personnel conducting the work activities involved, and specialized personnel such as subcontractors engaged in well installation and operation of heavy equipment, will be allowed in the work areas. Within the work areas, the levels of protection will be determined based on the degree of hazard present, as detected by the measurements obtained with the PID, and/or other activity-specific monitoring equipment. As an engineering control, a regenerative air blower may be used to reduce the potential for dangerous concentrations of VOCs in the breathing zone near the excavation, if warranted.

3.2 Work Zones:

Work zones will be defined prior to the commencement of work activities. These work zones will limit equipment, operations and personnel in the areas as defined below:

Exclusion Zone - This shall include all areas where potential environmental monitoring has shown or is suspected that a potential chemical hazard may exist to workers. This will include down-wind locations. If a chemical hazard exists at downwind locations, the exclusion zone will be expanded as necessary. The level of PPE required in these areas shall be determined by the Site HSO after air monitoring and on-Site inspection has been conducted. The area shall be clearly delineated from the decontamination area. As work proceeds, the delineation boundary shall be relocated as necessary to prevent the accidental contamination of nearby people and equipment.

Contamination Reduction Zone - This zone will occur at the interface between the Exclusion Zone ("Hot Zone") and Support Zone ("Clean Zone") and shall provide a transfer of personnel and equipment to and from the Support Zone to the Exclusion Zone. This zone is for the decontamination of personnel and equipment prior to entering the Support Zone, and for the physical segregation of the Support Zone and Exclusion Zone. The contamination reduction zone will be placed along the rear alleyway, as close to the Site as possible. Access to the alleyway by the public and employees of commercial business will be restricted during the RIR.

Support Zone - This area is the remainder of the work Site and project Site. The support zone will be staged near company vehicles on East Park Avenue and/or East Chester Street.

The function of the Support Zone includes:

- A. An entry area for personnel, material and equipment to the Exclusion Zone of site operations through the Contamination Reduction Zone
- B. An Exit for decontamination personnel, materials and equipment from the "Decon" area of Site operations
- C. The Housing of Site special services
- D. A storage area for clean safety and work equipment

Small decontamination areas may be set up adjacent to the work area to facilitate decontamination of equipment that is reused throughout the field activity.

3.3 Dust and Odors:

If during sampling, dust or odors emanating from contaminated soils are deemed excessive at adjoining properties and commercial businesses, the sampling process will include misting with water to keep dust levels to a minimum.

3.4 Security:

Periodic security patrols will be conducted to ensure that adequate security is being maintained. Only workers authorized by the field manager may be allowed to enter the Site. Warning signs will be posted to discourage entry by unauthorized personnel. The HSO will brief all visitors of all security and safety plans.

3.5 Site Communications:

Communications on-Site will be conducted through verbal communications. When out of audible range, verbal communications may be assisted using mobile telephones and two-way radios.

4.0 PERSONAL PROTECTIVE EQUIPMENT

All on-site workers will be familiar with proper protection procedures and this Health and Safety Plan. Level D personal protective clothing will be worn at the outset.

As stated above Level B or C protection will be worn as required. General descriptions of Level C and B protection are presented in Tables 2 and 3 on the following page, respectively. If it is necessary to wear Level B or C protection, the work area shall be separated into three Zones: an Exclusion Zone, a Contamination Reduction Zone, and a Support Zone. No one but protected personnel shall be in the Exclusion and Contamination Reduction Zones. An entrance and exit point shall be designated and monitored to ensure that no unauthorized personnel enter the area. Everyone that enters the area shall log in the field note book with the length of time spent in the area and the task performed noted.

All workers shall wear gloves when handling soil/sludge and apparatus. Gloves shall also be worn while cleaning the sampling equipment.

If any personnel must be lowered into a confined spaces additional procedures must be followed. *LEA* will provide the confined space procedures. *LEA* will monitor the confined space prior to entry and complete the confined space permit. If needed, dilution or exhaust ventilation will be provided to lower contaminant levels.

All persons working in the confined space must have confined space awareness training and a confined space supervisor must be present. *LEA* will perform continuous air monitoring for oxygen, flammability and toxins. At a minimum, carbon monoxide and hydrogen sulfide will be monitored in addition to other site-specific chemicals determined to be a hazard. All personnel working in or monitoring the confined space activities must be properly OSHA confined space entry trained. An approved safety harness and tripod will be employed. Personnel at grade will be constantly monitoring the worker in the pool for signs of fatigue, heat stress or behavior change.

Table 2
LEVEL C PROTECTION

1. Full-face or half-mask, air purifying, canister equipped respirators (NIOSH approved) for those contaminants present.
2. Hooded chemical resistant clothing: (overalls; two-piece chemical-splash-suit; disposable chemical-resistant overalls).
3. Coveralls*
4. Gloves, outer, chemical-resistant
5. Gloves, inner, chemical-resistant
6. Boots (outer), chemical-resistant, steel toe and shank
7. Boot-covers, outer, chemical-resistant, (disposable)*
8. Hard hat
9. Escape mask*
10. Two-way radios (worn under outside protective clothing)
11. Face shield*

*Optional, as applicable.

Table 3
LEVEL B PROTECTION

1. Pressure-demand, full-faceplate self-contained breathing apparatus (SCBA), or pressure demand supplied air respirator with escape SCBA (NIOSH approved)
2. Hooded chemical-resistant clothing (overalls and long-sleeved shirts) jacket; coveralls; one or two-piece chemical-splash suit; disposable chemical-resistant overalls).
3. Coveralls*
4. Gloves, outer chemical-resistant
5. Gloves, inner, chemical-resistant.
6. Boots, outer, chemical resistant steel toe and shank
7. Boot-covers, outer, chemical-resistant (disposable)
8. Hard hat
9. Two-way radios (worn inside encapsulating suit)
10. Face shield*

* Optional, as applicable

5.0 PERSONNEL SAFETY/HYGIENE

The safety practices to be followed by all on-site personnel include:

1. If Level B or C protection must be worn, eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of hand-to-mouth transfer and ingestion of materials is prohibited in the Exclusion and Contamination Reduction Zones. All workers must be trained, medically qualified and fit tested in the use of respirators.
2. Hands and face must be thoroughly washed before eating, drinking or any other personal hygiene activities.
3. No excessive facial hair, which interferes with a satisfactory fit of the mask to face seal, is allowed for personnel to wear respiratory protective equipment.

6.0 PERSONNEL TRAINING

At the start of the job before engaging in any work, all personnel will be briefed on the following:

1. The person in charge as safety officer
2. Boundaries, entry and exit point locations of the work zones, if established
3. Use of personnel protection equipment
4. Principles of personnel hygiene
5. Location of first-aid equipment
6. Evacuation procedures to be followed in case of emergencies
7. Heat stress symptoms. All personnel will be advised to watch for signs of heat stress.

New personnel will be briefed on the same points prior to starting work at the site.

7.0 DECONTAMINATION PROCEDURES

If Level B or C protection is worn, decontamination procedures shall be performed in the Contamination Reduction Zone. All disposable garments and spent cartridges/canisters from respiratory equipment will be stored, transported, and properly disposed of in DOT approved 55-gallon drums. Potentially contaminated equipment will be cleaned before leaving the site.

8.0 EMERGENCY CONTINGENCY PLAN

In the event of physical injury, the safety officer or any other qualified person will initiate first aid and, if necessary, call the ambulance. If a chemical exposure is encountered, a physician will be informed, as specifically as possible, of the chemical(s) to which the person had been exposed and the toxicological properties of the chemical(s).

In case of any emergency, the following resources might need to be contacted:

A. Local Resource

Fire Department: **911**

Police Department: **911**

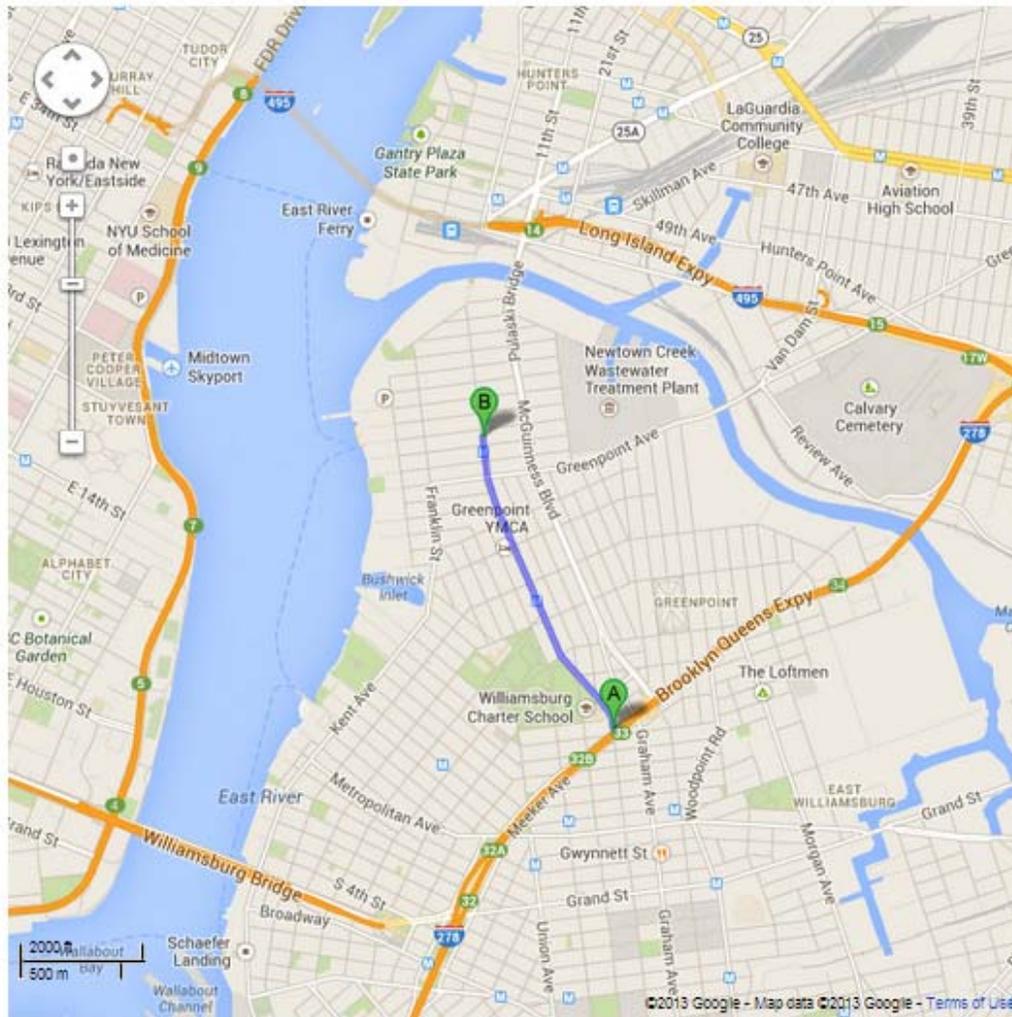
B. Hazardous Waste Spills

New York State Department of Environmental Conservation **1-800-457-7362**

New York City Health, **212-788-5099**

Laurel Environmental Associates, Ltd.: Nights and Weekend Emergencies **516-971-6332**

C. Hospital



A 415 Manhattan Ave, Brooklyn, NY 11222

1. Head north on Manhattan Ave toward Bayard St
Destination will be on the right
About 4 mins

go 1.0 mi
total 1.0 mi

B The Brooklyn Hospital Center: Manhattan Avenue Health Center
960 Manhattan Ave, Brooklyn, NY 11222

9.0 HEAT STRESS CASUALTY PREVENTION PLAN

A. Identification and Treatment

1) HEAT EXHAUSTION

Symptoms: Usually begins with muscular weakness, dizziness and a staggering gait. Vomiting is frequent. The bowels may move involuntarily. The victim is very pale, his/her skin is clammy and he/she may perspire profusely. The pulse is weak and fast, breathing is shallow. He/she may faint unless he/she lies down. This may pass, but sometimes it remains and death could occur.

First Aid: Immediately remove the victim to a shady or cool area with good air circulation. Remove all protective outerwear. Call a physician. Treat the victim for shock. (Make him lie down, raise his feet 6-12 inches, and keep him warm but loosen all clothing). If the victim is conscious, it may be helpful to give him sips of a salt water solution (1 teaspoon of salt to 1 glass of water). Transport victim to a medical facility.

2) HEAT STROKE

Symptoms: This is the most serious of heat casualties due to the fact that the body excessively overheats. Body temperatures are often are between 107°-110°F. There is often pain in the head, dizziness, nausea, oppression, and a dryness of the skin and mouth. Unconsciousness follows quickly and death is imminent if exposure continues. The attack will usually occur suddenly.

First Aid: Immediately evacuate the victim to a cool and shady area. Remove all protective outer wear and all personal clothing. Lay him on his back with the head and shoulders slightly elevated. It is imperative that the body temperature be lowered immediately. This can be accomplished by applying cold wet towels, ice bags, etc., to the head. Sponge off the bare skin with cool water or rubbing alcohol, if available, or even place him in a tub of cool water. The main objective is to cool him without chilling him. Give no stimulants. Transport the victim to a medical facility as soon as possible.

B. Prevention of Heat Stress

- 1) One of the major causes of heat casualties is the depletion of body fluids. On-site there will be plenty of fluids available. Personnel should replace water and salts lost from perspiration. Salts can be replaced by either a 0.1% salt solution, more heavily salted foods, or commercial mixes such as Gatorade®.
- 2) A work schedule will be established so that the majority of the work day will be during the morning hours of the day before ambient air temperature levels reach their highs if high air temperatures are anticipated.
- 3) A work/rest guideline will be implemented for personnel required to wear Level B protection, if this situation arises. This guideline is as follows:

<u>Ambient Temperatures</u>	<u>Maximum Working Time</u>
Above 90°F	< 1 hour
80° - 90° F	1 hour
70 °- 80° F	2 hours
60 °- 70° F	3 hours
50 °- 60° F	4 hours
40° - 50°F	5 hours
30° - 40° F	6 hours
Below 30° F	8 hours

A sufficient period will be allowed for personnel to "cool down". This may require separate shifts of workers during operations.

LOG FOR ALL PERSONNEL ENTERING THE SUBJECT PROPERTY

SITE:

LOCATION:

The undersigned certify that they have read this Health and Safety Plan document, understand it, and will comply with its provisions.

Name (Please Print)	Affiliation	Date	Time
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			

APPENDIX D

Soil Boring Geologic Logs

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG

DATE: 6-25-2013

Client:	<u>Chris Cielepak</u>	Boring ID:	<u>SB-1</u>
Site Name:	<u>The Manhattan</u>	Boring Location:	<u>West Side of Property</u>
Site Location:	<u>415 Manhattan, Brooklyn, NY</u>	Surface Elev. (ft):	<u>Relative to Grade</u>
LEA Job#:	<u>12-409</u>	DTW (ft) :	<u>7</u>

Field Geologist:	<u>Tom Johansen</u>	Drill Type:	<u>420M Geoprobe®</u>
Driller:	<u>Steven Bitetto</u>	Sample Type:	<u>Split</u>
Weather Cond.:	<u>Sunny</u>		<u>Grab</u>
Temp:	<u>80°F</u>		<u>Core</u> <u>X</u>

SOIL TYPE CODES		Boring Profile*	PID (ppm)	Description/Remarks
Well graded gravels or gravel/sand mix (GW)		0 NA	0.0	Black well graded sands, no odor
Poorly graded gravels or gravel/sand mix (GP)		1 SP	0.0	Black well graded sands with rock, no odor
Well graded sands, gravelly sands, no fines (SW)		2 SP	0.0	Brown sands, no odor
Poorly graded sands, gravelly sands, no fines (SP)		3 SP	0.0	Brown sands, no odor
Silty sands, sand silt mixtures (SM)		4 SP	0.0	Brown sands, no odor
Inorganic silts, fine sand, silty-clayey fine sands (ML)		5 SM	0.0	Brown sands, no odor
Inorganic clays, gravelly/sandy clays, silty clays (CL)		6 SM	0.0	Brown sands, no odor
Organic silts, organic silty clays of low plasticity (OL)		7 SM	0.0	Brown sands, no odor
Organic clays of med. to high plasticity, organic silts (OH)		8 SM	0.0	Dark brown silty sands, GW encountered
Peat and other highly organic soils (PT)		9 SM	0.0	Dark brown silty sands, boggy odor
Bedrock etc. (BD)		10 SM	0.0	Dark brown silty sands, boggy odor
Other (fill, etc)		11 SM	0.0	Dark brown silty sands, boggy odor
Notes:		12 SM	0.0	Dark brown silty sands, boggy odor

* =Depth relative to grade

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG

DATE: 6-25-2013

Client:	<u>Chris Cielepak</u>	Boring ID:	<u>SB-2</u>
Site Name:	<u>The Manhattan</u>	Boring Location:	<u>NW side of Building</u>
Site Location:	<u>415 Manhattan, Brooklyn, NY</u>	Surface Elev. (ft):	<u>Relative to Grade</u>
LEA Job#:	<u>12-409</u>	DTW (ft) :	<u>7</u>

Field Geologist:	<u>Tom Johansen</u>	Drill Type:	<u>420M Geoprobe®</u>
Driller:	<u>Steven Bitetto</u>	Sample Type:	<u>Split</u>
Weather Cond.:	<u>Sunny</u>		<u>Grab</u>
Temp:	<u>80°F</u>		<u>Core_X</u>

SOIL TYPE CODES		Ft.	Boring Profile*	PID (ppm)	Description/Remarks
Well graded gravels or gravel/sand mix (GW)		0	NA	0.0	Concrete
Poorly graded gravels or gravel/sand mix (GP)		1	SP	0.0	Black well graded sands with rock, no odor
Well graded sands, gravelly sands, no fines (SW)		2	SP	0.0	Brown sands with rock and fill, no odor
Poorly graded sands, gravelly sands, no fines (SP)		3	SP	0.0	Brown sands with rock and fill, no odor
Silty sands, sand silt mixtures (SM)		4	GP	0.0	Fill material, no odor
Inorganic silts, fine sand, silty-clayey fine sands (ML)		5	GP	0.0	Bricks
Inorganic clays, gravelly/sandy clays, silty clays (CL)		6	SP	0.0	Brown rocky sands, no odor
Organic silts, organic silty clays of low plasticity (OL)		7	SP	0.0	Brown rocky sands, no odor
Organic clays of med. to high plasticity, organic silts (OH)		8	SP	0.0	Well graded rocky sands
Peat and other highly organic soils (PT)		9	SM	0.0	Dark brown silty sands, boggy odor
Bedrock etc. (BD)		10	SM	0.0	Dark brown silty sands, boggy odor
Other (fill, etc)		11	SM	0.0	Dark brown silty sands, boggy odor
		12	SM	0.0	Dark brown silty sands, boggy odor
Notes:					

* =Depth relative to grade

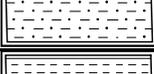
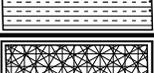
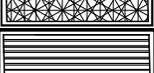
LAUREL ENVIRONMENTAL ASSOCIATES, LTD.

SOIL BORING LOG

DATE: 6-25-2013

Client:	Chris Cielepak	Boring ID:	SB-3
Site Name:	The Manhattan	Boring Location:	East side in the Basement
Site Location:	415 Manhattan, Brooklyn, NY	Surface Elev. (ft):	Relative to Grade
LEA Job#:	12-409	DTW (ft) :	7

Field Geologist:	Tom Johansen	Drill Type:	420M Geoprobe®
Driller:	Steven Bitetto	Sample Type:	Split _____
Weather Cond.:	Sunny		Grab _____
Temp:	80°F		Core <u>X</u> _____

SOIL TYPE CODES		Boring Profile*	PID (ppm)	Description/Remarks	
Well graded gravels or gravel/sand mix (GW)		Ft. 0	NA	NA	Void
Poorly graded gravels or gravel/sand mix (GP)		1	NA	NA	Void
Well graded sands, gravelly sands, no fines (SW)		2	NA	NA	Void
Poorly graded sands, gravelly sands, no fines (SP)		3	NA	NA	Void
Silty sands, sand silt mixtures (SM)		4	NA	NA	Void
Inorganic silts, fine sand, silty-clayey fine sands (ML)		5	NA	NA	Void
Inorganic clays, gravelly/sandy clays, silty clays (CL)		6	SP	0.0	Gravelly sands, no odor
Organic silts, organic silty clays of low plasticity (OL)		7	SP	0.0	Gravelly sands, no odor
Organic clays of med. to high plasticity, organic silts (OH)		8	SP	0.0	Gravelly sands, no odor
Peat and other highly organic soils (PT)		9	SM	0.0	Dark brown silty sands, boggy odor
Bedrock etc. (BD)		10	SM	0.0	Dark brown silty sands, boggy odor
Other (fill, etc)		11	SM	0.0	Dark brown silty sands, boggy odor
		12	SM	0.0	Dark brown silty sands, boggy odor
Notes:					

* =Depth relative to grade

APPENDIX E

Soil and Groundwater Raw Laboratory Data



Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 07/05/2013
Client Project ID: 415 Manhattan Ave Brooklyn, NY
York Project (SDG) No.: 13F0911

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 26, 2013 and listed below. The project was identified as your project: **415 Manhattan Ave Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13F0911-01	SB-1 (0-2')	Soil	06/25/2013	06/26/2013
13F0911-02	SB-1 (10-12')	Soil	06/25/2013	06/26/2013
13F0911-03	SB-2 (0-2')	Soil	06/25/2013	06/26/2013
13F0911-04	SB-2 (10-12')	Soil	06/25/2013	06/26/2013
13F0911-05	SB-3 (6-8')	Soil	06/25/2013	06/26/2013
13F0911-06	GW-1 (7-12')	Water	06/25/2013	06/26/2013
13F0911-07	GW-2 (7-12')	Water	06/25/2013	06/26/2013
13F0911-08	GW-3 (7-12')	Water	06/25/2013	06/26/2013
13F0911-09	DUP-GW	Water	06/25/2013	06/26/2013
13F0911-10	Field Blank	Water	06/25/2013	06/26/2013
13F0911-11	Trip Blank	Water	06/25/2013	06/26/2013
13F0911-12	DUP-SB	Soil	06/25/2013	06/26/2013

General Notes for York Project (SDG) No.: 13F0911

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/05/2013

YORK



Sample Information

Client Sample ID: SB-1 (0-2')

York Sample ID: 13F0911-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

13F0911

415 Manhattan Ave Brooklyn, NY

Soil

June 25, 2013 9:45 am

06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	130	250	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
67-64-1	Acetone	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
71-43-2	Benzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-25-2	Bromoform	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS



Sample Information

Client Sample ID: SB-1 (0-2')

York Sample ID: 13F0911-01

<u>York Project (SDG) No.</u> 13F0911	<u>Client Project ID</u> 415 Manhattan Ave Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 25, 2013 9:45 am	<u>Date Received</u> 06/26/2013
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Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
67-66-3	Chloroform	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-09-2	Methylene chloride	17	J	ug/kg dry	6.3	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
100-42-5	Styrene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
108-88-3	Toluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS



Sample Information

Client Sample ID: SB-1 (0-2')

York Sample ID: 13F0911-01

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	38	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:05	SS

Semi-Volatiles, PAH Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	2400	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
83-32-9	Acenaphthene	ND		ug/kg dry	1130	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1500	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
120-12-7	Anthracene	1930	J	ug/kg dry	1710	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
56-55-3	Benzo(a)anthracene	6440		ug/kg dry	1170	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
50-32-8	Benzo(a)pyrene	7160		ug/kg dry	1240	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
205-99-2	Benzo(b)fluoranthene	6460		ug/kg dry	2620	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
191-24-2	Benzo(g,h,i)perylene	3860		ug/kg dry	1040	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
207-08-9	Benzo(k)fluoranthene	5720		ug/kg dry	3130	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
218-01-9	Chrysene	6160		ug/kg dry	1440	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
53-70-3	Dibenzo(a,h)anthracene	1850	J	ug/kg dry	1260	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
206-44-0	Fluoranthene	13400		ug/kg dry	1830	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
86-73-7	Fluorene	ND		ug/kg dry	1500	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
193-39-5	Indeno(1,2,3-cd)pyrene	4120		ug/kg dry	1430	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
91-20-3	Naphthalene	ND		ug/kg dry	769	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
85-01-8	Phenanthrene	8900		ug/kg dry	1630	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR
129-00-0	Pyrene	9650		ug/kg dry	1280	3130	10	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 13:21	SR

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
309-00-2	Aldrin	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW



Sample Information

Client Sample ID: SB-1 (0-2')

York Sample ID: 13F0911-01

<u>York Project (SDG) No.</u> 13F0911	<u>Client Project ID</u> 415 Manhattan Ave Brooklyn, NY	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 25, 2013 9:45 am	<u>Date Received</u> 06/26/2013
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Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.3	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.26	8.26	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
72-20-8	Endrin	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.06	2.06	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.3	10.3	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.51	21.3	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:06	JW
8001-35-2	Toxaphene	ND		ug/kg dry	104	104	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:35	JW

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5500		mg/kg dry	1.28	2.50	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-36-0	Antimony	47.4		mg/kg dry	0.275	0.626	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-38-2	Arsenic	22.6		mg/kg dry	0.425	1.25	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-39-3	Barium	469		mg/kg dry	0.163	0.626	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.125	0.125	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-43-9	Cadmium	3.69		mg/kg dry	0.125	0.626	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-70-2	Calcium	3840		mg/kg dry	0.050	6.26	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-47-3	Chromium	20.9		mg/kg dry	0.150	0.626	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-48-4	Cobalt	7.42		mg/kg dry	0.100	0.626	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7440-50-8	Copper	615		mg/kg dry	0.150	0.626	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW
7439-89-6	Iron	30700		mg/kg dry	0.813	2.50	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:05	MW



Sample Information

Client Sample ID: SB-1 (0-2')

York Sample ID: 13F0911-01

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Soil Collection Date/Time June 25, 2013 9:45 am Date Received 06/26/2013

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, and Zinc.

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury.

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids.

Sample Information

Client Sample ID: SB-1 (10-12')

York Sample ID: 13F0911-02

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Soil Collection Date/Time June 25, 2013 9:45 am Date Received 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), and 1,1,2-Trichloroethane.



Sample Information

Client Sample ID: SB-1 (10-12')

York Sample ID: 13F0911-02

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	130	250	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
78-93-3	2-Butanone	31		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
67-64-1	Acetone	130		ug/kg dry	6.3	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
71-43-2	Benzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-25-2	Bromoform	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
67-66-3	Chloroform	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS



Sample Information

Client Sample ID: SB-1 (10-12')

York Sample ID: 13F0911-02

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-09-2	Methylene chloride	15	J	ug/kg dry	6.3	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.3	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	13	25	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
100-42-5	Styrene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
108-88-3	Toluene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.3	13	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	19	38	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 03:41	SS



Sample Information

Client Sample ID: SB-1 (10-12')

York Sample ID: 13F0911-02

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Semi-Volatiles, PAH Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	242	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
83-32-9	Acenaphthene	181	J	ug/kg dry	114	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	151	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
120-12-7	Anthracene	437		ug/kg dry	172	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
56-55-3	Benzo(a)anthracene	660		ug/kg dry	118	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
50-32-8	Benzo(a)pyrene	646		ug/kg dry	125	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
205-99-2	Benzo(b)fluoranthene	396		ug/kg dry	264	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	104	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
207-08-9	Benzo(k)fluoranthene	480		ug/kg dry	315	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
218-01-9	Chrysene	610		ug/kg dry	145	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	126	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
206-44-0	Fluoranthene	1620		ug/kg dry	184	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
86-73-7	Fluorene	219	J	ug/kg dry	151	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	254	J	ug/kg dry	143	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	77.4	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
85-01-8	Phenanthrene	1420		ug/kg dry	164	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR
129-00-0	Pyrene	1460		ug/kg dry	128	315	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 03:12	SR

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
309-00-2	Aldrin	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	21.4	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	21.4	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	21.4	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	21.4	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	21.4	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	21.4	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	21.4	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW



Sample Information

Client Sample ID: SB-1 (10-12')

York Sample ID: 13F0911-02

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	8.30	8.30	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
72-20-8	Endrin	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.08	2.08	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.4	10.4	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.56	21.4	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:25	JW
8001-35-2	Toxaphene	ND		ug/kg dry	105	105	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:50	JW

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11000		mg/kg dry	1.28	2.52	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-36-0	Antimony	ND		mg/kg dry	0.277	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-38-2	Arsenic	3.23		mg/kg dry	0.428	1.26	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-39-3	Barium	91.7		mg/kg dry	0.164	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.126	0.126	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.126	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-70-2	Calcium	1670		mg/kg dry	0.050	6.29	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-47-3	Chromium	16.4		mg/kg dry	0.151	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-48-4	Cobalt	6.19		mg/kg dry	0.101	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-50-8	Copper	20.3		mg/kg dry	0.151	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7439-89-6	Iron	18800		mg/kg dry	0.818	2.52	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7439-92-1	Lead	88.2		mg/kg dry	0.214	0.377	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7439-95-4	Magnesium	1990		mg/kg dry	0.566	6.29	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7439-96-5	Manganese	376		mg/kg dry	0.138	1.26	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-02-0	Nickel	15.3		mg/kg dry	0.164	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW



Sample Information

Client Sample ID: SB-1 (10-12')

York Sample ID: 13F0911-02

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	812		mg/kg dry	4.25	12.6	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7782-49-2	Selenium	1.54		mg/kg dry	0.629	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-22-4	Silver	ND		mg/kg dry	0.126	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-23-5	Sodium	189		mg/kg dry	6.63	12.6	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-28-0	Thallium	ND		mg/kg dry	0.403	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-62-2	Vanadium	22.9		mg/kg dry	0.138	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW
7440-66-6	Zinc	74.5		mg/kg dry	0.113	0.629	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:12	MW

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0415	0.0415	1	EPA SW846-7471	07/02/2013 19:15	07/03/2013 01:44	AA

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	79.5		%	0.100	0.100	1	SM 2540G	06/30/2013 11:19	06/30/2013 13:43	SC

Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 13F0911-03

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 13F0911-03

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
67-64-1	Acetone	32		ug/kg dry	6.1	24	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
71-43-2	Benzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-25-2	Bromoform	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
67-66-3	Chloroform	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 13F0911-03

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-09-2	Methylene chloride	20	J	ug/kg dry	6.1	24	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.1	24	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
100-42-5	Styrene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
108-88-3	Toluene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.1	12	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	37	1	EPA SW846-8260B	07/02/2013 23:10	07/03/2013 04:16	SS



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 13F0911-03

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Semi-Volatiles, PAH Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	11800	J	ug/kg dry	11700	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
83-32-9	Acenaphthene	52800		ug/kg dry	5530	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	7340	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
120-12-7	Anthracene	66900		ug/kg dry	8350	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
56-55-3	Benzo(a)anthracene	97200		ug/kg dry	5720	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
50-32-8	Benzo(a)pyrene	102000		ug/kg dry	6050	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
205-99-2	Benzo(b)fluoranthene	63500		ug/kg dry	12800	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
191-24-2	Benzo(g,h,i)perylene	41900		ug/kg dry	5070	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
207-08-9	Benzo(k)fluoranthene	117000		ug/kg dry	15300	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
218-01-9	Chrysene	91100		ug/kg dry	7030	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
53-70-3	Dibenzo(a,h)anthracene	26000		ug/kg dry	6140	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
206-44-0	Fluoranthene	184000		ug/kg dry	8960	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
86-73-7	Fluorene	39100		ug/kg dry	7340	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	46700		ug/kg dry	6970	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
91-20-3	Naphthalene	59300		ug/kg dry	3760	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
85-01-8	Phenanthrene	189000		ug/kg dry	7980	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR
129-00-0	Pyrene	150000		ug/kg dry	6240	15300	50	EPA SW-846 8270C	06/27/2013 22:58	07/01/2013 14:20	SR

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
72-55-9	4,4'-DDE	11.1		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
50-29-3	4,4'-DDT	37.0		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
309-00-2	Aldrin	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.8	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.07	8.07	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 13F0911-03

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
72-20-8	Endrin	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.02	2.02	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.1	10.1	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.32	20.8	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 07:45	JW
8001-35-2	Toxaphene	ND		ug/kg dry	102	102	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 19:05	JW

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5440		mg/kg dry	1.25	2.45	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-36-0	Antimony	11.9		mg/kg dry	0.269	0.611	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-38-2	Arsenic	18.1		mg/kg dry	0.416	1.22	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-39-3	Barium	205		mg/kg dry	0.159	0.611	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-43-9	Cadmium	6.18		mg/kg dry	0.122	0.611	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-70-2	Calcium	14500		mg/kg dry	0.049	6.11	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-47-3	Chromium	17.1		mg/kg dry	0.147	0.611	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-48-4	Cobalt	6.21		mg/kg dry	0.098	0.611	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-50-8	Copper	2880		mg/kg dry	0.147	0.611	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7439-89-6	Iron	23400		mg/kg dry	0.795	2.45	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7439-92-1	Lead	1530		mg/kg dry	0.208	0.367	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7439-95-4	Magnesium	1550		mg/kg dry	0.550	6.11	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7439-96-5	Manganese	276		mg/kg dry	0.135	1.22	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-02-0	Nickel	27.5		mg/kg dry	0.159	0.611	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW
7440-09-7	Potassium	649		mg/kg dry	4.13	12.2	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:17	MW



Sample Information

Client Sample ID: SB-2 (0-2')

York Sample ID: 13F0911-03

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Soil Collection Date/Time June 25, 2013 9:45 am Date Received 06/26/2013

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Selenium (2.95), Silver (ND), Sodium (271), Thallium (ND), Vanadium (19.0), and Zinc (4890).

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury (ND).

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids (81.8).

Sample Information

Client Sample ID: SB-2 (10-12')

York Sample ID: 13F0911-04

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Soil Collection Date/Time June 25, 2013 9:45 am Date Received 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene, and 1,2,3-Trichlorobenzene.



Sample Information

Client Sample ID: SB-2 (10-12')

York Sample ID: 13F0911-04

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
67-64-1	Acetone	57	B	ug/kg dry	6.0	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
71-43-2	Benzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
75-25-2	Bromoform	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
67-66-3	Chloroform	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
74-95-3	Dibromomethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS



Sample Information

Client Sample ID: SB-2 (10-12')

York Sample ID: 13F0911-04

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatil Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.0	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
100-42-5	Styrene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
108-88-3	Toluene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.0	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	36	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 12:39	SS



Sample Information

Client Sample ID: SB-2 (10-12')

York Sample ID: 13F0911-04

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Semi-Volatiles, PAH Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	231	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
83-32-9	Acenaphthene	ND		ug/kg dry	109	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	145	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
120-12-7	Anthracene	ND		ug/kg dry	165	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	113	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	119	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	252	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	100	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	301	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
218-01-9	Chrysene	ND		ug/kg dry	139	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	121	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
206-44-0	Fluoranthene	ND		ug/kg dry	177	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
86-73-7	Fluorene	ND		ug/kg dry	145	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	137	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
91-20-3	Naphthalene	ND		ug/kg dry	74.1	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
85-01-8	Phenanthrene	ND		ug/kg dry	157	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR
129-00-0	Pyrene	ND		ug/kg dry	123	301	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:10	SR

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.5	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW



Sample Information

Client Sample ID: SB-2 (10-12')

York Sample ID: 13F0911-04

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	7.95	7.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.94	9.94	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.19	20.5	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:05	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 17:49	JW

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6070		mg/kg dry	1.23	2.41	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-36-0	Antimony	ND		mg/kg dry	0.265	0.603	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-38-2	Arsenic	1.22		mg/kg dry	0.410	1.21	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-39-3	Barium	28.6		mg/kg dry	0.157	0.603	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.121	0.603	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-70-2	Calcium	1450		mg/kg dry	0.048	6.03	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-47-3	Chromium	12.0		mg/kg dry	0.145	0.603	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-48-4	Cobalt	6.68		mg/kg dry	0.096	0.603	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-50-8	Copper	11.7		mg/kg dry	0.145	0.603	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7439-89-6	Iron	18300		mg/kg dry	0.783	2.41	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7439-92-1	Lead	4.66		mg/kg dry	0.205	0.362	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7439-95-4	Magnesium	1470		mg/kg dry	0.542	6.03	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7439-96-5	Manganese	295		mg/kg dry	0.133	1.21	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW
7440-02-0	Nickel	13.1		mg/kg dry	0.157	0.603	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:25	MW



Sample Information

Client Sample ID: SB-2 (10-12')

York Sample ID: 13F0911-04

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Soil Collection Date/Time June 25, 2013 9:45 am Date Received 06/26/2013

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Potassium (669), Selenium (2.35), Silver (ND), Sodium (139), Thallium (ND), Vanadium (21.1), and Zinc (24.6).

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury (ND).

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids (83.0).

Sample Information

Client Sample ID: SB-3 (6-8')

York Sample ID: 13F0911-05

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Soil Collection Date/Time June 25, 2013 12:00 pm Date Received 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, and 1,1-Dichloropropylene.



Sample Information

Client Sample ID: SB-3 (6-8')

York Sample ID: 13F0911-05

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	140	270	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
78-93-3	2-Butanone	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
67-64-1	Acetone	37	B	ug/kg dry	6.8	27	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
71-43-2	Benzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
108-86-1	Bromobenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
75-25-2	Bromoform	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
74-83-9	Bromomethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
75-00-3	Chloroethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
67-66-3	Chloroform	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
74-87-3	Chloromethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS



Sample Information

Client Sample ID: SB-3 (6-8')

York Sample ID: 13F0911-05

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
75-09-2	Methylene chloride	ND		ug/kg dry	6.8	27	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
91-20-3	Naphthalene	ND		ug/kg dry	6.8	27	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
95-47-6	o-Xylene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	14	27	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
100-42-5	Styrene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
108-88-3	Toluene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	6.8	14	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	20	41	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:14	SS



Sample Information

Client Sample ID: SB-3 (6-8')

York Sample ID: 13F0911-05

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Semi-Volatiles, PAH Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	260	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
83-32-9	Acenaphthene	ND		ug/kg dry	123	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	163	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
120-12-7	Anthracene	ND		ug/kg dry	185	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	127	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	134	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	284	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	112	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	339	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
218-01-9	Chrysene	ND		ug/kg dry	156	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	136	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
206-44-0	Fluoranthene	ND		ug/kg dry	198	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
86-73-7	Fluorene	ND		ug/kg dry	163	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	154	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
91-20-3	Naphthalene	ND		ug/kg dry	83.3	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
85-01-8	Phenanthrene	ND		ug/kg dry	177	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR
129-00-0	Pyrene	ND		ug/kg dry	138	339	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 04:39	SR

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
72-55-9	4,4'-DDE	6.20		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
50-29-3	4,4'-DDT	11.3		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
309-00-2	Aldrin	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	23.0	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	23.0	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	23.0	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	23.0	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	23.0	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	23.0	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	23.0	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW



Sample Information

Client Sample ID: SB-3 (6-8')

York Sample ID: 13F0911-05

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/kg dry	8.94	8.94	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
72-20-8	Endrin	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.24	2.24	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
72-43-5	Methoxychlor	ND		ug/kg dry	11.2	11.2	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW
1336-36-3	Total PCBs	ND		ug/kg dry	9.21	23.0	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:24	JW
8001-35-2	Toxaphene	ND		ug/kg dry	113	113	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:05	JW

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4890		mg/kg dry	1.38	2.71	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-36-0	Antimony	ND		mg/kg dry	0.298	0.677	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-38-2	Arsenic	5.95		mg/kg dry	0.461	1.35	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-39-3	Barium	94.1		mg/kg dry	0.176	0.677	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.135	0.135	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.135	0.677	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-70-2	Calcium	5930		mg/kg dry	0.054	6.77	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-47-3	Chromium	9.51		mg/kg dry	0.163	0.677	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-48-4	Cobalt	6.63		mg/kg dry	0.108	0.677	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-50-8	Copper	38.2		mg/kg dry	0.163	0.677	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7439-89-6	Iron	16900		mg/kg dry	0.880	2.71	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7439-92-1	Lead	107		mg/kg dry	0.230	0.406	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7439-95-4	Magnesium	851		mg/kg dry	0.610	6.77	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7439-96-5	Manganese	171		mg/kg dry	0.149	1.35	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW
7440-02-0	Nickel	16.9		mg/kg dry	0.176	0.677	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:30	MW



Sample Information

Client Sample ID: SB-3 (6-8')

York Sample ID: 13F0911-05

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Soil Collection Date/Time June 25, 2013 12:00 pm Date Received 06/26/2013

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Potassium (616), Selenium (2.67), Silver (ND), Sodium (280), Thallium (ND), Vanadium (21.1), and Zinc (91.9).

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes Mercury (ND).

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row includes % Solids (73.8).

Sample Information

Client Sample ID: GW-1 (7-12')

York Sample ID: 13F0911-06

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Water Collection Date/Time June 25, 2013 9:45 am Date Received 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, and 1,1-Dichloropropylene.



Sample Information

Client Sample ID: GW-1 (7-12')

York Sample ID: 13F0911-06

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
67-64-1	Acetone	3.7	J	ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 13:44	SS



Sample Information

Client Sample ID: GW-1 (7-12')

York Sample ID: 13F0911-06

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 13F0911, 415 Manhattan Ave Brooklyn, NY, Water, June 25, 2013 9:45 am, 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

Main data table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various organic compounds and their detection results.

Sample Information

Client Sample ID: GW-2 (7-12')

York Sample ID: 13F0911-07

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 13F0911, 415 Manhattan Ave Brooklyn, NY, Water, June 25, 2013 9:45 am, 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table header for the second data table with 12 columns: CAS No., Parameter, Result, Flag, Units, MDL, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst



Sample Information

Client Sample ID: GW-2 (7-12')

York Sample ID: 13F0911-07

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS



Sample Information

Client Sample ID: GW-2 (7-12')

York Sample ID: 13F0911-07

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 9:45 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:19	SS



Sample Information

Client Sample ID: GW-2 (7-12')

York Sample ID: 13F0911-07

<u>York Project (SDG) No.</u> 13F0911	<u>Client Project ID</u> 415 Manhattan Ave Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 25, 2013 9:45 am	<u>Date Received</u> 06/26/2013
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Sample Information

Client Sample ID: GW-3 (7-12')

York Sample ID: 13F0911-08

<u>York Project (SDG) No.</u> 13F0911	<u>Client Project ID</u> 415 Manhattan Ave Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 25, 2013 12:00 pm	<u>Date Received</u> 06/26/2013
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Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
67-64-1	Acetone	3.3	J	ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS



Sample Information

Client Sample ID: GW-3 (7-12')

York Sample ID: 13F0911-08

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS



Sample Information

Client Sample ID: GW-3 (7-12')

York Sample ID: 13F0911-08

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 14:54	SS

Sample Information

Client Sample ID: DUP-GW

York Sample ID: 13F0911-09

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS



Sample Information

Client Sample ID: DUP-GW

York Sample ID: 13F0911-09

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 12:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
67-64-1	Acetone	4.5	J	ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS



Sample Information

Client Sample ID: DUP-GW

York Sample ID: 13F0911-09

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Water Collection Date/Time June 25, 2013 12:00 pm Date Received 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 15:29	SS

Sample Information

Client Sample ID: Field Blank

York Sample ID: 13F0911-10

York Project (SDG) No. 13F0911 Client Project ID 415 Manhattan Ave Brooklyn, NY Matrix Water Collection Date/Time June 25, 2013 11:00 am Date Received 06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 13F0911-10

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 11:00 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
67-64-1	Acetone	3.6	J	ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS



Sample Information

Client Sample ID: Field Blank

York Sample ID: 13F0911-10

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 11:00 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:05	SS

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 13F0911-11

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 6:00 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 13F0911-11

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Water

Collection Date/Time
June 25, 2013 6:00 am

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
67-64-1	Acetone	3.9	J	ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 13F0911-11

<u>York Project (SDG) No.</u> 13F0911	<u>Client Project ID</u> 415 Manhattan Ave Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 25, 2013 6:00 am	<u>Date Received</u> 06/26/2013
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Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	07/02/2013 19:15	07/03/2013 16:40	SS



Sample Information

Client Sample ID: DUP-SB

York Sample ID: 13F0911-12

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	120	240	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
78-93-3	2-Butanone	20		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
67-64-1	Acetone	88	B	ug/kg dry	5.9	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
71-43-2	Benzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-25-2	Bromoform	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS



Sample Information

Client Sample ID: DUP-SB

York Sample ID: 13F0911-12

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
67-66-3	Chloroform	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.9	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	12	24	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
100-42-5	Styrene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
108-88-3	Toluene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.9	12	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS



Sample Information

Client Sample ID: DUP-SB

York Sample ID: 13F0911-12

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, 8260 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	18	35	1	EPA SW846-8260B	07/03/2013 01:35	07/04/2013 13:49	SS

Semi-Volatiles, PAH Target List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	227	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
83-32-9	Acenaphthene	268	J	ug/kg dry	107	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	142	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
120-12-7	Anthracene	569		ug/kg dry	162	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
56-55-3	Benzo(a)anthracene	774		ug/kg dry	111	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
50-32-8	Benzo(a)pyrene	730		ug/kg dry	117	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
205-99-2	Benzo(b)fluoranthene	457		ug/kg dry	248	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
191-24-2	Benzo(g,h,i)perylene	102	J	ug/kg dry	98.2	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
207-08-9	Benzo(k)fluoranthene	530		ug/kg dry	296	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
218-01-9	Chrysene	745		ug/kg dry	136	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
53-70-3	Dibenzo(a,h)anthracene	142	J	ug/kg dry	119	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
206-44-0	Fluoranthene	1700		ug/kg dry	173	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
86-73-7	Fluorene	304		ug/kg dry	142	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
193-39-5	Indeno(1,2,3-cd)pyrene	296	J	ug/kg dry	135	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
91-20-3	Naphthalene	94.1	J	ug/kg dry	72.8	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
85-01-8	Phenanthrene	1830		ug/kg dry	154	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR
129-00-0	Pyrene	1600		ug/kg dry	121	296	1	EPA SW-846 8270C	06/27/2013 22:58	06/29/2013 11:16	SR

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
309-00-2	Aldrin	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW



Sample Information

Client Sample ID: DUP-SB

York Sample ID: 13F0911-12

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.1	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.81	7.81	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
72-20-8	Endrin	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.95	1.95	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.76	9.76	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW
1336-36-3	Total PCBs	ND		ug/kg dry	8.05	20.1	1	EPA SW 846-8081/8082	06/30/2013 16:32	07/01/2013 08:44	JW
8001-35-2	Toxaphene	ND		ug/kg dry	98.8	98.8	5	EPA SW 846-8081/8082	06/30/2013 16:32	07/02/2013 18:20	JW

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7840		mg/kg dry	1.21	2.37	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-36-0	Antimony	ND		mg/kg dry	0.260	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-38-2	Arsenic	1.87		mg/kg dry	0.402	1.18	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-39-3	Barium	27.5		mg/kg dry	0.154	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.118	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-70-2	Calcium	872		mg/kg dry	0.047	5.92	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-47-3	Chromium	15.3		mg/kg dry	0.142	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-48-4	Cobalt	5.10		mg/kg dry	0.095	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-50-8	Copper	12.4		mg/kg dry	0.142	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7439-89-6	Iron	16700		mg/kg dry	0.769	2.37	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW



Sample Information

Client Sample ID: DUP-SB

York Sample ID: 13F0911-12

York Project (SDG) No.
13F0911

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Metals, Target Analyte

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	6.72		mg/kg dry	0.201	0.355	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7439-95-4	Magnesium	1770		mg/kg dry	0.532	5.92	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7439-96-5	Manganese	118		mg/kg dry	0.130	1.18	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-02-0	Nickel	13.2		mg/kg dry	0.154	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-09-7	Potassium	824		mg/kg dry	4.00	11.8	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7782-49-2	Selenium	1.53		mg/kg dry	0.592	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-22-4	Silver	ND		mg/kg dry	0.118	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-23-5	Sodium	134		mg/kg dry	6.24	11.8	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-28-0	Thallium	ND		mg/kg dry	0.379	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-62-2	Vanadium	24.9		mg/kg dry	0.130	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW
7440-66-6	Zinc	105		mg/kg dry	0.106	0.592	1	EPA SW846-6010B	06/29/2013 15:24	06/29/2013 21:35	MW

Mercury by 7470/7471

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0390	0.0390	1	EPA SW846-7471	07/02/2013 19:15	07/03/2013 01:44	AA

Total Solids

Log-in Notes: VOA-CONT

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.5		%	0.100	0.100	1	SM 2540G	06/30/2013 13:50	06/30/2013 15:41	SC



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0911-01	SB-1 (0-2')	2 oz. WM Clear Glass Cool to 4° C
13F0911-02	SB-1 (10-12')	2 oz. WM Clear Glass Cool to 4° C
13F0911-03	SB-2 (0-2')	2 oz. WM Clear Glass Cool to 4° C
13F0911-04	SB-2 (10-12')	8 oz. WM Clear Glass Cool to 4° C
13F0911-05	SB-3 (6-8')	2 oz. WM Clear Glass Cool to 4° C
13F0911-06	GW-1 (7-12')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0911-07	GW-2 (7-12')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0911-08	GW-3 (7-12')	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0911-09	DUP-GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0911-10	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0911-11	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0911-12	DUP-SB	2 oz. WM Clear Glass Cool to 4° C

Notes and Definitions

VOA-CONTNON-COMPLIANT- the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A or NYSDOH ELAP. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A.

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

M-LSRD Original sample conc <50 X reporting limit.

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.



High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.

For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 07/11/2013
Client Project ID: 415 Manhattan Ave, Brooklyn, NY
York Project (SDG) No.: 13G0148

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/11/2013
Client Project ID: 415 Manhattan Ave, Brooklyn, NY
York Project (SDG) No.: 13G0148

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 03, 2013 and listed below. The project was identified as your project: **415 Manhattan Ave, Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13G0148-01	GW-1	Water	07/02/2013	07/03/2013
13G0148-02	GW-2	Water	07/02/2013	07/03/2013
13G0148-03	GW-3	Water	07/02/2013	07/03/2013

General Notes for York Project (SDG) No.: 13G0148

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects result:  samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:


Benjamin Gulizia
Laboratory Director

Date: 07/11/2013

YORK



Sample Information

Client Sample ID: GW-1

York Sample ID: 13G0148-01

York Project (SDG) No.
13G0148

Client Project ID
415 Manhattan Ave, Brooklyn, NY

Matrix
Water

Collection Date/Time
July 2, 2013 9:00 am

Date Received
07/03/2013

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.53	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.55	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.68	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.27	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.96	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.79	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.94	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.64	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.31	10.3	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.65	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.26	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.84	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.83	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
95-48-7	2-Methylphenol	ND		ug/L	1.19	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.42	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.15	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.30	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.66	10.3	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.36	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.94	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.06	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.51	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.75	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.70	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
83-32-9	Acenaphthene	ND		ug/L	1.82	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
208-96-8	Acenaphthylene	ND		ug/L	1.78	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
120-12-7	Anthracene	ND		ug/L	1.22	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.34	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.33	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR



Sample Information

Client Sample ID: GW-1

York Sample ID: 13G0148-01

York Project (SDG) No.
13G0148

Client Project ID
415 Manhattan Ave, Brooklyn, NY

Matrix
Water

Collection Date/Time
July 2, 2013 9:00 am

Date Received
07/03/2013

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.45	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.75	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.88	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
65-85-0	Benzoic acid	ND		ug/L	8.92	10.3	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.49	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.874	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.82	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.54	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.07	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	4.90	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
218-01-9	Chrysene	ND		ug/L	1.51	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.60	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
132-64-9	Dibenzofuran	ND		ug/L	2.47	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
131-11-3	Dimethyl phthalate	ND		ug/L	1.96	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.10	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.15	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
206-44-0	Fluoranthene	ND		ug/L	1.27	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
86-73-7	Fluorene	ND		ug/L	1.88	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.30	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.86	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.59	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
67-72-1	Hexachloroethane	ND		ug/L	3.12	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.74	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
78-59-1	Isophorone	ND		ug/L	2.75	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
91-20-3	Naphthalene	ND		ug/L	2.04	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
98-95-3	Nitrobenzene	ND		ug/L	1.73	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.49	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
85-01-8	Phenanthrene	ND		ug/L	1.41	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
108-95-2	Phenol	ND		ug/L	1.13	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR
129-00-0	Pyrene	ND		ug/L	1.77	5.13	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 12:54	SR



Sample Information

Client Sample ID: GW-1

York Sample ID: 13G0148-01

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 9:00 am	<u>Date Received</u> 07/03/2013
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Metals, Dissolved - Target Analyte (TAL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-39-3	Barium	0.121		mg/L	0.002	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-70-2	Calcium	108		mg/L	0.019	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7439-89-6	Iron	0.059		mg/L	0.010	0.020	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7439-95-4	Magnesium	9.34		mg/L	0.010	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7439-96-5	Manganese	0.381		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-09-7	Potassium	19.2		mg/L	0.026	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7782-49-2	Selenium	0.010		mg/L	0.007	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-23-5	Sodium	12.6		mg/L	0.061	0.100	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 19:56	MW

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.294		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-38-2	Arsenic	0.004		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-39-3	Barium	0.140		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-70-2	Calcium	106		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW



Sample Information

Client Sample ID: GW-1

York Sample ID: 13G0148-01

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 9:00 am	<u>Date Received</u> 07/03/2013
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7439-89-6	Iron	10.2		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7439-92-1	Lead	0.022		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7439-95-4	Magnesium	11.6		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7439-96-5	Manganese	0.318		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-09-7	Potassium	23.6		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-23-5	Sodium	14.9		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW
7440-66-6	Zinc	0.025		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:37	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA SW846-7470	07/04/2013 01:36	07/05/2013 11:59	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA SW846-7470	07/08/2013 15:00	07/08/2013 16:35	AA

Sample Information

Client Sample ID: GW-2

York Sample ID: 13G0148-02

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 10:30 am	<u>Date Received</u> 07/03/2013
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Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR



Sample Information

Client Sample ID: GW-2

York Sample ID: 13G0148-02

York Project (SDG) No.
13G0148

Client Project ID
415 Manhattan Ave, Brooklyn, NY

Matrix
Water

Collection Date/Time
July 2, 2013 10:30 am

Date Received
07/03/2013

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.01	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.84	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.99	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.68	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.37	10.5	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.88	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
95-48-7	2-Methylphenol	ND		ug/L	1.22	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.48	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.18	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.71	10.5	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.99	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.75	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
83-32-9	Acenaphthene	ND		ug/L	1.86	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
208-96-8	Acenaphthylene	ND		ug/L	1.83	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
120-12-7	Anthracene	ND		ug/L	1.25	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.38	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.37	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.48	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.80	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.93	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR



Sample Information

Client Sample ID: GW-2

York Sample ID: 13G0148-02

York Project (SDG) No.
13G0148

Client Project ID
415 Manhattan Ave, Brooklyn, NY

Matrix
Water

Collection Date/Time
July 2, 2013 10:30 am

Date Received
07/03/2013

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	9.16	10.5	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.53	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.03	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
218-01-9	Chrysene	ND		ug/L	1.55	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.64	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
206-44-0	Fluoranthene	ND		ug/L	1.31	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
86-73-7	Fluorene	ND		ug/L	1.93	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.34	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.94	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
67-72-1	Hexachloroethane	ND		ug/L	3.20	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.79	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
91-20-3	Naphthalene	ND		ug/L	2.09	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
98-95-3	Nitrobenzene	ND		ug/L	1.78	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.53	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
85-01-8	Phenanthrene	ND		ug/L	1.44	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
108-95-2	Phenol	ND		ug/L	1.16	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR
129-00-0	Pyrene	ND		ug/L	1.82	5.26	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:26	SR



Sample Information

Client Sample ID: GW-2

York Sample ID: 13G0148-02

York Project (SDG) No.
13G0148

Client Project ID
415 Manhattan Ave, Brooklyn, NY

Matrix
Water

Collection Date/Time
July 2, 2013 10:30 am

Date Received
07/03/2013

Metals, Dissolved - Target Analyte (TAL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-39-3	Barium	0.142		mg/L	0.002	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-70-2	Calcium	111		mg/L	0.019	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7439-89-6	Iron	ND		mg/L	0.010	0.020	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7439-92-1	Lead	0.006		mg/L	0.002	0.003	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7439-95-4	Magnesium	8.17		mg/L	0.010	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7439-96-5	Manganese	0.453		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-09-7	Potassium	20.0		mg/L	0.026	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-23-5	Sodium	16.2		mg/L	0.061	0.100	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW
7440-66-6	Zinc	0.158		mg/L	0.002	0.020	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:00	MW

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1.02		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-38-2	Arsenic	0.014		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-39-3	Barium	0.228		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-70-2	Calcium	109		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW



Sample Information

Client Sample ID: GW-2

York Sample ID: 13G0148-02

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 10:30 am	<u>Date Received</u> 07/03/2013
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-50-8	Copper	0.065		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7439-89-6	Iron	0.762		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7439-92-1	Lead	0.144		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7439-95-4	Magnesium	7.66		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7439-96-5	Manganese	0.380		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-09-7	Potassium	20.3		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-23-5	Sodium	16.2		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-62-2	Vanadium	0.012		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW
7440-66-6	Zinc	0.308		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:42	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0005		mg/L	0.0002	0.0002	1	EPA SW846-7470	07/04/2013 01:36	07/05/2013 11:59	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.0002000	1	EPA SW846-7470	07/08/2013 15:00	07/08/2013 16:35	AA

Sample Information

Client Sample ID: GW-3

York Sample ID: 13G0148-03

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 1:00 pm	<u>Date Received</u> 07/03/2013
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Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.99	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.02	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR



Sample Information

Client Sample ID: GW-3

York Sample ID: 13G0148-03

York Project (SDG) No.
13G0148

Client Project ID
415 Manhattan Ave, Brooklyn, NY

Matrix
Water

Collection Date/Time
July 2, 2013 1:00 pm

Date Received
07/03/2013

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.16	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.68	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.32	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.12	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.29	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.94	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.73	12.1	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.95	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.95	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.67	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.17	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.35	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
95-48-7	2-Methylphenol	ND		ug/L	1.41	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.04	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.86	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.36	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.54	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.04	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.96	12.1	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.61	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.29	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.61	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.97	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.25	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.01	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
83-32-9	Acenaphthene	ND		ug/L	2.15	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
208-96-8	Acenaphthylene	ND		ug/L	2.11	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
120-12-7	Anthracene	ND		ug/L	1.44	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.59	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.58	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.71	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.07	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.22	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR



Sample Information

Client Sample ID: GW-3

York Sample ID: 13G0148-03

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 1:00 pm	<u>Date Received</u> 07/03/2013
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Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	10.5	12.1	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.76	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.03	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.15	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.82	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.62	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.79	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
218-01-9	Chrysene	ND		ug/L	1.78	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.89	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
132-64-9	Dibenzofuran	ND		ug/L	2.92	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
84-66-2	Diethyl phthalate	ND		ug/L	3.10	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.32	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.48	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.36	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
206-44-0	Fluoranthene	ND		ug/L	1.50	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
86-73-7	Fluorene	ND		ug/L	2.22	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.54	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.38	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.07	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
67-72-1	Hexachloroethane	ND		ug/L	3.68	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.06	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
78-59-1	Isophorone	ND		ug/L	3.25	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
91-20-3	Naphthalene	ND		ug/L	2.41	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
98-95-3	Nitrobenzene	ND		ug/L	2.05	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.10	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	6.06	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.76	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
85-01-8	Phenanthrene	ND		ug/L	1.66	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
108-95-2	Phenol	ND		ug/L	1.33	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR
129-00-0	Pyrene	ND		ug/L	2.10	6.06	1	EPA SW846-8270C/EPA 625	07/09/2013 09:09	07/10/2013 13:58	SR



Sample Information

Client Sample ID: GW-3

York Sample ID: 13G0148-03

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 1:00 pm	<u>Date Received</u> 07/03/2013
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Metals, Dissolved - Target Analyte (TAL)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-39-3	Barium	0.117		mg/L	0.002	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-70-2	Calcium	128		mg/L	0.019	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7439-89-6	Iron	0.032		mg/L	0.010	0.020	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7439-95-4	Magnesium	16.8		mg/L	0.010	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7439-96-5	Manganese	0.539		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-09-7	Potassium	38.1		mg/L	0.026	0.050	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7782-49-2	Selenium	0.012		mg/L	0.007	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-23-5	Sodium	55.8		mg/L	0.061	0.100	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B	07/05/2013 16:51	07/05/2013 20:18	MW

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.250		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-38-2	Arsenic	0.009		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-39-3	Barium	0.136		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-70-2	Calcium	126		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW



Sample Information

Client Sample ID: GW-3

York Sample ID: 13G0148-03

<u>York Project (SDG) No.</u> 13G0148	<u>Client Project ID</u> 415 Manhattan Ave, Brooklyn, NY	<u>Matrix</u> Water	<u>Collection Date/Time</u> July 2, 2013 1:00 pm	<u>Date Received</u> 07/03/2013
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7439-89-6	Iron	4.73		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7439-92-1	Lead	0.021		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7439-95-4	Magnesium	16.2		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7439-96-5	Manganese	0.531		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-09-7	Potassium	36.1		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-23-5	Sodium	53.0		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW
7440-66-6	Zinc	0.029		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	07/05/2013 16:56	07/05/2013 21:47	MW

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA SW846-7470	07/04/2013 01:36	07/05/2013 11:59	AA

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA SW846-7470	07/08/2013 15:00	07/08/2013 16:35	AA



Notes and Definitions

- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- M-LSRD Original sample conc <50 X reporting limit.
- EXT-EM The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
- EXT-D The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.

-
- ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
- NR Not reported
- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis
- Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. B70911

YOUR INFORMATION Company: <u>Laurel Environmental</u> Address: <u>53 W. Hills Rd.</u> <u>Wilmington Station</u> Phone No. <u>610 673 0612</u> Contact Person: <u>Scott</u> E-Mail Address: <u>labresults@laurelenv.com</u>		Report To: Company: <u>Scott</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		Invoice To: Company: <u>Kathy</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		YOUR PROJECT ID <u>415 Manhattan Ave</u> <u>Brooklyn, NY</u> Purchase Order No. <u>12-405</u> Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Turn-Around Time RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard(5-7 Days) <input checked="" type="checkbox"/>		Report Type Summary Report <input checked="" type="checkbox"/> Summary w/ QA summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <input type="checkbox"/> <u>Electronic Data Deliverables (EDD)</u> Simple Excel <input type="checkbox"/> NYSDEC EQuIS <input type="checkbox"/> EQuIS (std) <input type="checkbox"/> EZ-EDD (EQuIS) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other _____ York Regulatory Comparison Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in): _____	
---	--	--	--	---	--	---	--	---	--	---	--

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Tom Johansen
 Samples Collected/Authorized By (Signature)
 Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-1 (0-2')	6:25:10 / 0945	S	8260 ; 8270 PAH ; 8081/8082 ; 6010/7471	(1) 802 ; (1) 802
SB-1 (10-12')	↓	↓	↓	↓
SB-2 (0-2')	↓	↓	↓	↓
SB-2 (10-12')	/ 1200	↓	↓	↓
SB-3 (6-8')	/ 0945	GW	↓	↓
GW-1 (7-12')	↓	↓	↓	↓
GW-2 (7-12')	↓	↓	↓	↓
GW-3 (7-12')	/ 1200	↓	↓	↓
Dup-GW	NA	GW	↓	↓
Field blank	/ 1100	DW	↓	↓

Comments
 * Please run all GW (1,2,3)
 Samples for both Filtered & Unfiltered Metals

Temperature on Receipt 3.0 °C
 Samples Received By ABarker Date/Time 6/25/13 12pm
 Samples Relinquished By Trace Date/Time 6-26-13 1715
 Samples Relinquished By _____ Date/Time _____

APPENDIX F

Soil Vapor Raw Laboratory Data



Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 07/03/2013
Client Project ID: 415 Manhattan Ave Brooklyn, NY
York Project (SDG) No.: 13F0885

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 07/03/2013
Client Project ID: 415 Manhattan Ave Brooklyn, NY
York Project (SDG) No.: 13F0885

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 26, 2013 and listed below. The project was identified as your project: **415 Manhattan Ave Brooklyn, NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
13F0885-01	SV-1	Soil Vapor	06/25/2013	06/26/2013
13F0885-02	SV-2	Soil Vapor	06/25/2013	06/26/2013
13F0885-03	SV-3	Soil Vapor	06/25/2013	06/26/2013

General Notes for York Project (SDG) No.: 13F0885

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects result:  samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:


Benjamin Gulizia
Laboratory Director

Date: 07/03/2013

YORK



Sample Information

Client Sample ID: SV-1

York Sample ID: 13F0885-01

York Project (SDG) No.
13F0885

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil Vapor

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-34-3	1,1-Dichloroethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
95-63-6	1,2,4-Trimethylbenzene	4.0		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
106-93-4	1,2-Dibromoethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
107-06-2	1,2-Dichloroethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
78-87-5	1,2-Dichloropropane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
108-67-8	1,3,5-Trimethylbenzene	1.1		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
106-99-0	1,3-Butadiene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
123-91-1	1,4-Dioxane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
78-93-3	2-Butanone	8.0		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
591-78-6	2-Hexanone	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
108-10-1	4-Methyl-2-pentanone	8.2		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
67-64-1	Acetone	35		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
71-43-2	Benzene	1.1		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
100-44-7	Benzyl chloride	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-27-4	Bromodichloromethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-25-2	Bromoform	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
74-83-9	Bromomethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-15-0	Carbon disulfide	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
56-23-5	Carbon tetrachloride	ND		ppbv	0.095	0.095	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
108-90-7	Chlorobenzene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-00-3	Chloroethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
67-66-3	Chloroform	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD



Sample Information

Client Sample ID: SV-1

York Sample ID: 13F0885-01

York Project (SDG) No.
13F0885

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil Vapor

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	0.87		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
110-82-7	Cyclohexane	0.89		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
124-48-1	Dibromochloromethane	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-71-8	Dichlorodifluoromethane	0.55		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
141-78-6	Ethyl acetate	5.2		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
100-41-4	Ethyl Benzene	1.6		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
87-68-3	Hexachlorobutadiene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
67-63-0	Isopropanol	6.1		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
80-62-6	Methyl Methacrylate	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-09-2	Methylene chloride	1.0	B	ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
142-82-5	n-Heptane	1.2		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
110-54-3	n-Hexane	10		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
95-47-6	o-Xylene	3.1		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
179601-23-1	p- & m- Xylenes	5.8		ppbv	0.38	0.38	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
622-96-8	p-Ethyltoluene	3.1		ppbv	0.95	0.95	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
115-07-01	Propylene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
100-42-5	Styrene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
127-18-4	Tetrachloroethylene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
109-99-9	Tetrahydrofuran	1.4		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
108-88-3	Toluene	46		ppbv	1.9	1.9	18.95	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 08:19	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
79-01-6	Trichloroethylene	ND		ppbv	0.095	0.095	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-69-4	Trichlorofluoromethane (Freon 11)	0.40		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
108-05-4	Vinyl acetate	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD
75-01-4	Vinyl Chloride	ND		ppbv	0.19	0.19	1.895	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 10:45	TD



Sample Information

Client Sample ID: SV-2

York Sample ID: 13F0885-02

York Project (SDG) No.
13F0885

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil Vapor

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-34-3	1,1-Dichloroethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-35-4	1,1-Dichloroethylene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
95-63-6	1,2,4-Trimethylbenzene	3.2		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
106-93-4	1,2-Dibromoethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
107-06-2	1,2-Dichloroethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
78-87-5	1,2-Dichloropropane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
108-67-8	1,3,5-Trimethylbenzene	0.89		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
106-99-0	1,3-Butadiene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
123-91-1	1,4-Dioxane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
78-93-3	2-Butanone	8.9		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
591-78-6	2-Hexanone	0.58		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
108-10-1	4-Methyl-2-pentanone	7.5		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
67-64-1	Acetone	32		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
71-43-2	Benzene	1.2		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
100-44-7	Benzyl chloride	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-27-4	Bromodichloromethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-25-2	Bromoform	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
74-83-9	Bromomethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-15-0	Carbon disulfide	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
56-23-5	Carbon tetrachloride	ND		ppbv	0.091	0.091	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
108-90-7	Chlorobenzene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-00-3	Chloroethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
67-66-3	Chloroform	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
74-87-3	Chloromethane	0.93		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD



Sample Information

Client Sample ID: SV-2

York Sample ID: 13F0885-02

York Project (SDG) No.
13F0885

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil Vapor

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
110-82-7	Cyclohexane	0.96		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
124-48-1	Dibromochloromethane	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-71-8	Dichlorodifluoromethane	0.51		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
141-78-6	Ethyl acetate	4.8		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
100-41-4	Ethyl Benzene	1.6		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
87-68-3	Hexachlorobutadiene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
67-63-0	Isopropanol	6.7		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
80-62-6	Methyl Methacrylate	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-09-2	Methylene chloride	1.5	B	ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
142-82-5	n-Heptane	1.3		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
110-54-3	n-Hexane	11		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
95-47-6	o-Xylene	2.7		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
179601-23-1	p- & m- Xylenes	5.4		ppbv	0.36	0.36	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
622-96-8	p-Ethyltoluene	2.6		ppbv	0.91	0.91	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
115-07-01	Propylene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
100-42-5	Styrene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
127-18-4	Tetrachloroethylene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
109-99-9	Tetrahydrofuran	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
108-88-3	Toluene	40		ppbv	1.8	1.8	18.19	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 09:03	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
79-01-6	Trichloroethylene	ND		ppbv	0.091	0.091	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-69-4	Trichlorofluoromethane (Freon 11)	0.40		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
108-05-4	Vinyl acetate	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD
75-01-4	Vinyl Chloride	ND		ppbv	0.18	0.18	1.819	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 11:32	TD

Sample Information

Client Sample ID: SV-3

York Sample ID: 13F0885-03

York Project (SDG) No.
13F0885

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil Vapor

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013



Sample Information

Client Sample ID: SV-3

York Sample ID: 13F0885-03

York Project (SDG) No.
13F0885

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil Vapor

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	0.50		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.0		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
79-00-5	1,1,2-Trichloroethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-34-3	1,1-Dichloroethane	0.61		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-35-4	1,1-Dichloroethylene	0.93		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
95-63-6	1,2,4-Trimethylbenzene	2.6		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
106-93-4	1,2-Dibromoethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
95-50-1	1,2-Dichlorobenzene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
107-06-2	1,2-Dichloroethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
78-87-5	1,2-Dichloropropane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
108-67-8	1,3,5-Trimethylbenzene	0.69		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
106-99-0	1,3-Butadiene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
541-73-1	1,3-Dichlorobenzene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
106-46-7	1,4-Dichlorobenzene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
123-91-1	1,4-Dioxane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
78-93-3	2-Butanone	6.1		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
591-78-6	2-Hexanone	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
108-10-1	4-Methyl-2-pentanone	3.0		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
67-64-1	Acetone	68		ppbv	2.2	2.2	21.63	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 09:48	TD
71-43-2	Benzene	1.4		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
100-44-7	Benzyl chloride	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-27-4	Bromodichloromethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-25-2	Bromoform	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
74-83-9	Bromomethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-15-0	Carbon disulfide	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
56-23-5	Carbon tetrachloride	ND		ppbv	0.11	0.11	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
108-90-7	Chlorobenzene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-00-3	Chloroethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
67-66-3	Chloroform	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
74-87-3	Chloromethane	0.93		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD



Sample Information

Client Sample ID: SV-3

York Sample ID: 13F0885-03

York Project (SDG) No.
13F0885

Client Project ID
415 Manhattan Ave Brooklyn, NY

Matrix
Soil Vapor

Collection Date/Time
June 25, 2013 3:00 pm

Date Received
06/26/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	0.30		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
110-82-7	Cyclohexane	0.63		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
124-48-1	Dibromochloromethane	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-71-8	Dichlorodifluoromethane	0.48		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
141-78-6	Ethyl acetate	7.1		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
100-41-4	Ethyl Benzene	1.4		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
87-68-3	Hexachlorobutadiene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
67-63-0	Isopropanol	14		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
80-62-6	Methyl Methacrylate	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-09-2	Methylene chloride	1.3	B	ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
142-82-5	n-Heptane	1.1		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
110-54-3	n-Hexane	4.7		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
95-47-6	o-Xylene	2.3		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
179601-23-1	p- & m- Xylenes	5.1		ppbv	0.43	0.43	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
622-96-8	p-Ethyltoluene	1.9		ppbv	1.1	1.1	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
115-07-01	Propylene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
100-42-5	Styrene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
127-18-4	Tetrachloroethylene	0.28		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
109-99-9	Tetrahydrofuran	2.1		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
108-88-3	Toluene	28		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
79-01-6	Trichloroethylene	ND		ppbv	0.11	0.11	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-69-4	Trichlorofluoromethane (Freon 11)	0.35		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
108-05-4	Vinyl acetate	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD
75-01-4	Vinyl Chloride	ND		ppbv	0.22	0.22	2.163	EPA Compendium TO-15	06/27/2013 09:00	06/28/2013 12:19	TD



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13F0885

YOUR Information		Report To:		Invoice To:		YOUR Project ID		Turn-Around Time		Report Type/Deliverables	
Company: <u>Laurel Environmental</u>		Company: <u>Scott</u>		Company: <u>Kathy</u>		415 Manhattan Ave		RUSH - Same Day <input type="checkbox"/>		Summary Report <input checked="" type="checkbox"/>	
Address: <u>33 W. Hills Rd</u>		Address: _____		Address: _____		Brooklyn, NY		RUSH - Next Day <input type="checkbox"/>		Summary w/ QA Summary	
Phone No. <u>631 673 0612</u>		Phone No. _____		Phone No. _____		Purchase Order No.		RUSH - Two Day <input type="checkbox"/>		CT RCP Package	
Attention: _____		Attention: _____		Attention: _____		12-409		RUSH - Three Day <input type="checkbox"/>		NY ASP A Package	
E-Mail Address: _____		E-Mail Address: <u>labresults@laurelenv.com</u>		E-Mail Address: _____		Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		RUSH - Four Day <input type="checkbox"/>		NY ASP B/CLP Pkg	
Contact Person: <u>Scott</u>		Contact Person: _____		Contact Person: _____		Standard (5-7 Days) <input checked="" type="checkbox"/>		Standard Excel		NJDEP Reduced	
E-Mail Address: <u>labresults@laurelenv.com</u>		E-Mail Address: _____		E-Mail Address: _____		Detection Limits Required		Regulatory Comparison Excel		Electronic Deliverables	

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until all questions by York are resolved.

YJ
Samples Collected/Authorized By (Signature)
TOM JOHANSEN
Name (printed)

TO15 Volatiles and Other Gas Analyses	TO15 List	Tentatively Identified Compounds
EPA TO-15 List	EPA TO-14A List	
NYSDEC VI list		
NYSDEC STARS List	Air VPH	
Project Specific List by TO-15	Helium	
NJDEP Target List	Methane	
CTDEP RCP Target List	OTHER	

Sample Identification	Date Sampled	AIR Matrix	Choose Analytes Needed from the Menu Above and Enter Below		Sampling Media
			Canister Vacuum Before Sampling (in. Hg.)	Canister Vacuum After Sampling (in. Hg.)	
SV-1	6-25-13	AS	-30	-2	6 Liter Summa canister Tedlar Bag
SV-2	↓	↓	-29	-2	6 Liter Summa canister Tedlar Bag
SV-3	↓	↓	-30	-5	6 Liter Summa canister Tedlar Bag
					6 Liter Summa canister Tedlar Bag
					6 Liter Summa canister Tedlar Bag
					6 Liter Summa canister Tedlar Bag
					6 Liter Summa canister Tedlar Bag
					6 Liter Summa canister Tedlar Bag
					6 Liter Summa canister Tedlar Bag
					6 Liter Summa canister Tedlar Bag

Comments

JK Samples Relinquished By 6-26-13/0900 Date/Time

K. Johansen Samples Received By 6-26-13 12pm Date/Time

JK Samples Relinquished By 6-26-13 @ ASD Date/Time

_____ Samples Received in LAB by _____ Date/Time