

**461 & 463 TOMPKINS AVENUE**

**BROOKLYN, NEW YORK**

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# **Remedial Investigation Report**

**NYC VCP Site Number: 16CVCP082K**

**Prepared for:**

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# 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, Paul H. Ciminello, 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 461 & 463 Tompkins Avenue Site (NYC VCP Site No. 16CVCP082K). 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.

Paul H. Ciminello

6/15/16



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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 461 & 463 Tompkins Avenue in the Bedford-Stuyvesant section in Brooklyn, New York and is identified as Block 1852 and Lots 8 & 9 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4,000-square feet and is bounded by a 3-story multi-family residential structure to the north, a 3-story multi-family residential structure to the south, a 4-story multi-family residential structure to the east, and Tompkins Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains unmaintained land.

## **Summary of Proposed Redevelopment Plan**

The proposed future use of the Site will consist of two, 3-story residential structures. The proposed development project consists of re-grading the Site to street level (the Site is currently raised approximately 4-5 feet) and constructing two new 3-story (30 foot height with 3.5 foot front parapet), multi-family residential buildings with full basements. Each building will contain two residential units occupying all aboveground floors. The basements will contain residential storage and/or utility and maintenance rooms. The footprint of each building will cover 800 square feet (1,600 square feet total) and occupy 40% of the Site. The remainder of the Site will consist of: a 1,760 square foot (44% of the entire lot) landscaped rear yard, a 240 square foot (6 % of the entire lot) rear concrete patio, and a 400 square foot (10% of the entire lot) front concrete entrance area. The gross building square footage is 6,372 square feet with 4,779 square feet for residential use.

The entire site is currently built up above street grade with approximately 4-5 feet of soil, representing approximately 600-750 cubic yards to be excavated. Excavation for construction of the basement levels is estimated to extend approximately 11 feet below street grade. Approximately 650 cubic yards of additional soils are expected to be removed for the basement excavation. The lowest depth of excavation at the Site will not extend below the water table, which is expected to be at least 50 feet bsg.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is R6A for residential use with a C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

### **Summary of Past Uses of Site and Areas of Concern**

Based on a review of a Phase I Environmental Site Assessment (Phase I ESA) conducted by Impact Environmental (Impact) in September 2015, and available online New York City Assessor's Office records, the following Site history was established. The Site was historically developed with two dwellings, as early as 1888, one on the northern half (461 Tompkins Avenue) and one on the southern half (463 Tompkins Avenue). The dwelling on 461 Tompkins Avenue was demolished sometime between 1932 and 1951 and the dwelling on 463 Tompkins Avenue was demolished circa 1991. The Site has been vacant since 1991 and has no known history of commercial or industrial use.

The AOCs identified for this site include:

1. Known presence of poor quality urban fill materials with elevated SVOCs, metals, and pesticides.
2. Potential impacts from a nearby active dry cleaner.

### **Summary of the Work Performed under the Remedial Investigation**

The following work was performed as part of the Phase II ESA by ESI in January 2016 and the Remedial Investigation (RI) by ESI in May 2016:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. In January, installed seven soil borings across the entire project Site and collected five soil samples and in May, installed three borings and collected seven samples for chemical analysis from the soil borings to evaluate soil quality;
3. In January, attempted to install two groundwater monitoring wells throughout the Site to establish groundwater flow and evaluate groundwater quality; however, groundwater was not encountered at depths ranging to 30 feet below grade, therefore no groundwater samples were collected; and

4. In January, installed three soil vapor probes around the Site and collected three soil vapor samples and in May, installed one soil vapor probe at the Site and collected one sample for chemical analysis.

### **Summary of Environmental Findings**

1. Elevation of the property is approximately 50 feet.
2. Depth to groundwater at the Site is not known but is expected to be at least 50 feet below surface grade (bsg).
3. Groundwater flow beneath the Site is not known but is likely to be in an overall southerly direction, towards Jamaica Bay.
4. Bedrock was not encountered to a maximum depth of 16 feet during the RI and was not encountered to a maximum depth of 30 feet during previous environmental investigations at the Site.
5. The stratigraphy of the site, from the surface down, consists of 9 to 11 feet of urban fill materials (variable texture, silty sands with brick, masonry, and rock inclusions), underlain by medium to coarse sands with small gravel to a maximum depth of 30 feet.
6. Soil/fill samples collected during the Phase II ESA and RI were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives and Restricted Residential Soil Cleanup Objectives (SCOs) as presented in 6NYCRR Part 375-6.8 and CP51. Soil/fill samples collected showed trace concentrations of several volatile organic compounds (VOCs) with acetone (max. 0.077 ppm) detected above Unrestricted Use SCOs. Due to elevated PID readings, a third sample was collected at 2SB-01 which showed 1,2,4-trichlorobenzene at 11 ppm, above Unrestricted Use SCOs. Several semi-volatile organic compounds (SVOCs) consisting of the Polycyclic Aromatic Hydrocarbons (PAH) were detected above Restricted Residential Use SCOs in the north-central portion of the site including benz(a)anthracene (max of 31.6 ppm), benzo(a)pyrene (max of 3.01 ppm), benzo(b)fluoranthene (max of 13.4 ppm), benzo(k)fluoranthene (max of 17.2 ppm), chrysene (max of 28.2 ppm), dibenzo(a,h)anthracene (max of 4.26 ppm), indeno(1,2,3-cd)pyrene (max of 6.37 ppm), and 2-methylnaphthalene (max. 7.79 ppm). Four pesticides including 4,4'-DDD (max of 0.021 ppm); 4,4'-DDE (max of

0.031 ppm); 4,4'-DDT (max of 0.18 ppm) and dieldrin (0.012 ppm) were detected exceeding Unrestricted Use SCOs in shallow samples. Total PCBs were detected at a maximum of 0.029 ppm, below the Unrestricted Use SCO. Several metals including barium (max 635 ppm); copper (max 289 ppm); lead (max 1,010 ppm); mercury (max 1.75 ppm); and zinc (max 1,110 ppm) were detected exceeding Unrestricted Use SCOs. Of these metals, barium, lead, and mercury also exceeded Restricted Residential SCOs. Overall, soil chemistry is similar to sites with historic fill material in New York City.

7. Soil vapor results collected during the Phase II ESA and RI were compared to compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples showed low levels of petroleum related compounds. The max total concentration of petroleum-related VOCs (BTEX) was 21.7  $\mu\text{g}/\text{m}^3$ . Chlorinated VOCs were also detected with tetrachloroethylene (PCE) detected at a maximum of 31  $\mu\text{g}/\text{m}^3$  and 1,1,1-Trichloroethane detected at 2  $\mu\text{g}/\text{m}^3$ . Carbon tetrachloride and trichloroethene were not detected in any of the soil vapor samples. The concentration of PCE was within the monitoring level ranges established within the State DOH soil vapor guidance matrix.
8. Two attempts were made to install groundwater wells, however, groundwater was not encountered to a maximum depth of 30 feet at two locations. Due to a likely groundwater depth of more than 50 feet, groundwater sampling is deferred to the results of soil and soil vapor sampling. Based upon results of soil and soil vapor sampling, groundwater investigation is waived.

# REMEDIAL INVESTIGATION REPORT

## 1.0 SITE BACKGROUND

Van Buren Greene, LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.09-acre site located at 461 & 463 Tompkins Avenue in the Bedford-Stuyvesant section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed on May 10, 2016. 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 461 & 463 Tompkins Avenue in the Bedford-Stuyvesant section in Brooklyn, New York and is identified as Block 1852 and Lots 8 & 9 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4,000-square feet and is bounded by a 3-story multi-family residential structure to the north, a 3-story multi-family residential structure to the south, a 4-story multi-family residential structure to the east, and Tompkins Avenue to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is vacant and contains unmaintained land.

### 1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of two, 3-story residential structures. The proposed development project consists of re-grading the Site to street level (the Site is currently raised approximately 4-5 feet) and constructing two new 3-story (30 foot height with 3.5 foot front parapet), multi-family residential buildings with full basements. Each building will contain two residential units occupying all aboveground floors. The basements will contain residential storage and/or utility and maintenance rooms. The footprint of each building will cover 800 square feet (1,600 square feet total) and occupy 40% of the Site. The remainder of the Site will consist of: a 1,760 square foot (44% of the entire lot) landscaped rear yard, a 240 square foot (6 % of the entire lot) rear concrete patio, and a 400 square foot (10% of the entire lot) front concrete entrance area. The gross building square footage is 6,372 square feet with 4,779 square feet for residential use.

The entire site is currently built up above street grade with approximately 4-5 feet of soil, representing approximately 600-750 cubic yards to be excavated. Excavation for construction of the basement levels is estimated to extend approximately 11 feet below street grade. Approximately 650 cubic yards of additional soils are expected to be removed from the basement excavation. The lowest depth of excavation at the Site will not extend below the water table, which is expected to be at least 50 feet bsg.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is R6A for residential use with a C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

### **1.3 Description of Surrounding Property**

All adjoining properties contain multi-family residential structures. The surrounding neighborhood consists primarily of residential and/or mixed-use residential and commercial structures. Several institutional facilities are located in the nearby surrounding area. A day care facility is located in the “Stuyvesant Heights Christian Church” approximately 100 feet to the southwest of the Site and the “Leadership Preparatory Charter School” is located approximately 400 feet northwest of the Site. No other sensitive receptors such as schools, hospitals, or daycare facilities were identified within a 500-foot radius of the Site.

Figure 2 shows the surrounding land usage.

## 2.0 SITE HISTORY

### 2.1 Past Uses and Ownership

Based on a review of a Phase I Environmental Site Assessment (Phase I ESA) conducted by Impact Environmental (Impact) in September 2015, and available online New York City Assessor's Office records, the following Site history was established. The Site was historically developed with two dwellings, as early as 1888, one on the northern half (461 Tompkins Avenue) and one on the southern half (463 Tompkins Avenue). The dwelling on 461 Tompkins Avenue was demolished sometime between 1932 and 1951 and the dwelling on 463 Tompkins Avenue was demolished circa 1991. The Site has been vacant since 1991 and has no known history of commercial or industrial use.

**Table 1: Ownership information**

<b>Parcel ID</b>	<b>Owner</b>	<b>Date of Conveyance</b>
Block 1852 Lot 8	Housing Preservation	N/A
	City of New York	10/1/1992
	St. Festin, Tony	1/23/1990
	Foucher, Lucille	2/6/1974
	Morris, Ruth B.	N/A
<b>Parcel ID</b>	<b>Owner</b>	<b>Date of Conveyance</b>
Block 1852 Lot 9	Housing Preservation	N/A
	City of New York	1/28/1986
	Pierce, David	2/2/1984
	City of NY	12/27/1973
	Subway Motels Corp	3/19/1971
	Omar Holding Corp	N/A

A copy of the Impact Phase I ESA is provided in Appendix A.

### 2.2 Previous Investigations

The Impact Phase I ESA identified a nearby dry cleaner at 471 Tompkins Avenue as a potential source of contamination in relation to the Site. A subsequent Phase II ESA, performed by Ecosystems Strategies, Inc. (ESI) in January 2016, consisted of the extension of seven soil borings and the installation of three soil vapor probes to investigate potential impacts from the dry cleaner and from potential poor quality urban fill materials and/or demolition debris at the Site. Soil vapor

data indicated the presence of low-level concentrations of the dry cleaning solvent PCE (max 22  $\mu\text{g}/\text{m}^3$ ). Building debris and fill materials were observed in shallow soils to a maximum depth of 9 feet bsg throughout the Site. Neither groundwater nor bedrock were encountered to a maximum depth of 30 feet bsg. Specific soil chemistry data from the Phase II ESA are included in Section 5.2, Soil Chemistry, below.

A copy of the ESI Phase II ESA is provided in Appendix B.

### **2.3 Site Inspection**

A physical inspection of the Site was conducted, under the direction of the Qualified Environmental Professional (QEP) certifying this report, on December 14, 2015 during a previous Phase II ESA. Site vegetation, topography, and other relevant site features were examined for any obvious evidence of existing or previous contamination or unusual patterns (e.g., vegetative stress, soil staining, or the physical presence of contaminants), which would indicate that the environmental integrity had been or could be impacted. An additional site inspection was conducted during field activities for the current remedial investigation on May 10, 2016. Apparent building debris and garbage were observed on the ground surface throughout the property, suggesting the presence of poor quality urban fill materials and potential buried debris. No other evidence of contamination was noted during the site inspections.

### **2.4 Areas of Concern**

The AOCs identified for this site include:

1. Known presence of poor quality urban fill materials with elevated SVOCs, metals, and pesticides
2. Potential impacts from a nearby active dry cleaner

Copies of the previous Phase I and Phase II ESAs are presented in Appendix A and B. A map showing areas of concern is presented in Figure 5.

## **3.0 PROJECT MANAGEMENT**

### **3.1 Project Organization**

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Paul H. Ciminello.

### **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, and an OER approved Work Plan.

## **4.0 REMEDIAL INVESTIGATION ACTIVITIES**

The following work was performed as part of the Phase II ESA by ESI in January 2016 and the RI by ESI in May 2016:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. In January, installed seven soil borings across the entire project Site and collected five soil samples and in May, installed three borings and collected seven samples for chemical analysis from the soil borings to evaluate soil quality;
3. In January, attempted to install two groundwater monitoring wells throughout the Site to establish groundwater flow and evaluate groundwater quality; however, groundwater was not encountered at depths ranging to 30 feet below grade, therefore no groundwater samples were collected; and
4. In January, installed three soil vapor probes around the Site and collected three soil vapor samples and in May, installed one soil vapor probe at the Site and collected one sample for chemical analysis.

### **4.1 Geophysical Investigation**

A Geophysical survey was not conducted at the Site.

### **4.2 Borings and Monitoring Wells**

#### **Drilling and Soil Logging**

A total of ten mechanized soil borings were extended throughout the Site in order to evaluate surface and subsurface soil quality. Borings SB-01 through SB-07 were extended by personnel from Zebra Technical Services on December 14, 2015 during the Phase II ESA and borings 2SB-01 through 2SB-03 were extended by personnel from Core Down Drilling, LLC on May 10, 2016 during the RI. All borings were extended using a track-mounted, direct push corer equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Soil was collected at each boring location at four- or five-foot intervals to a maximum depth of 30 feet bsg.

A MiniRAE Lite (Model PGM 7300) photo-ionization detector (PID) was utilized by ESI personnel to screen all encountered material for the presence of any volatile organic vapors where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per

million calibration gas equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer.

An assessment of subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination (e.g., unusual coloration patterns, or odors), and instrument indications of contamination (i.e., PID readings) was made by ESI personnel during the extension of each soil boring. ESI personnel maintained independent field logs documenting physical characteristics, PID readings, and any field indications of contamination for all encountered material at each boring location.

Samples of soil material were collected from each of the soil borings where appropriate and notations were made regarding the sampled material's physical characteristics. A sufficient volume of material was collected at each sample location for the required analyses and for potential additional analyses. Soil samples were collected at various depths throughout the Site as per the OER approved Work Plan, field observations, and/or relative spatial separation specific to each boring location.

Boring logs were prepared by a trained field technician (and reviewed by a QEP) and are attached in Appendix C. A map showing the location of soil borings is shown in Figure 4.

### **Groundwater Monitoring Well Construction**

Two groundwater wells were attempted during the January 2016 Phase II ESA; however groundwater was not encountered to a depth of 30 feet bsg. No groundwater wells were installed during the May 2016 RI. Due to groundwater depths of more than 30 feet, groundwater sampling was deferred to soil and soil vapor sampling. Based upon results of soil and soil vapor sampling, groundwater investigation is waived.

### **Survey**

Groundwater monitoring wells were not installed during this investigation.

### **Water Level Measurement**

Groundwater monitoring wells were not installed during this investigation.

## **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**

A total of twelve soil samples were collected for chemical analysis during the Phase II ESA and RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 3, 4, 5 and 6. Figure 4 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

All soil samples collected by ESI as part of this investigation were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols. All field personnel wore dedicated, disposable gloves, and all samples were placed into laboratory supplied containers. Soil samples submitted for VOC analysis were collected using laboratory-supplied volatile organic analysis (VOA) kits and dedicated disposable soil syringes. Soil samples were collected directly from the acetate sleeves.

During the Phase II ESA, soil samples were collected from borings SB-01 through SB-07 in areas with evidence of poor quality fill materials and/or debris. Due to their proximity and physical similarities, samples from SB-03 and SB-04, and from SB-06 and SB-07 were composited into SB-03/04 0-2 and SB-06/07 7-9.

During the RI, two soil samples (shallow and deep) were collected from each boring, with the exception of 2SB-01, where a third sample was collected due to encountered field evidence of contamination. Shallow samples were collected from each boring at the 0-2 foot interval and deep samples were collected from each boring at the 14-16 foot interval. The deep samples were collected from immediately below the expected maximum depth of excavation at the Site. An additional sample (2SB-01 10-10.5) was collected from 2SB-01 from the 10-10.5 foot interval, from a limited area of black material exhibiting petroleum odors and elevated PID readings (up to 3,000 ppm). No other evidence of contamination (i.e., positive PID readings, odors, stained soils) was noted at any boring location.

During the Phase II ESA, all collected soil samples were submitted for analysis for volatile organic compounds (VOCs) using USEPA Method 8260, PAHs, and TAL metals. Soil samples SB-01 0-2 and SB-06/07 0-9 were submitted for analysis for pesticides and PCBs only. During the RI, all shallow and deep samples were analyzed for VOCs, SVOCs, pesticides/PCBs, and TAL metals. Soil sample 2SB-01 10-10.5 was analyzed for VOCs, polycyclic aromatic hydrocarbons (PAHs), and PCBs.

All soil samples were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. Samples were transported via courier to York Analytical Laboratories, Inc., a New York State Department of Health (NYSDOH) -certified laboratory (ELAP Certification Number 10854) for chemical analyses. Appropriate chain-of-custody procedures were followed.

### **Groundwater Sampling**

Groundwater samples were not collected during this investigation.

### **Soil Vapor Sampling**

A total of four soil vapor probes were installed and four soil vapor samples were collected for chemical analysis during the Phase II ESA and RI. The soil vapor sample locations are shown in Figure 4. Soil vapor sample collection data is reported in Table 7. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

Soil vapor samples SV-02, SV-03, and 2SV-01 were collected from within the footprint of the proposed buildings. Sample SV-01 was collected from the rear yard area. At each location, a soil boring was extended to a specific depth (5 feet for SV-01 through SV-03 and 14 feet for 2SV-01 [the approximate maximum excavation depth for the proposed structures]) and an air-stone attached to ¼" Teflon tubing was lowered into the invert of the boring. The boring was then backfilled with approximately 3 feet of clean sand and then a hydrated bentonite seal to prevent the infiltration of surface air. The remainder of the hole was then filled with clean sand. At 2SV-01, a sealed enclosure was placed on the ground over the boring location and a tracer gas (helium) was introduced, in accordance with NYSDOH protocols, to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. Monitoring for the presence of absence of the tracer gas was performed prior to and after sampling (no significant concentrations of tracer gas were detected during the sampling event). Tracer gas monitoring was

not performed at SV-01 through SV-03. Each soil vapor boring was purged for at least a period of five minutes, using a GilAir 3 air-sampling pump, at a rate of approximately 0.2 liters/minute. Soil-gas samples were collected into laboratory-supplied 6 liter Summa Canisters equipped with 2-hour (0.05 liter per minute) flow controllers. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and stop time was recorded.

Upon sample completion, the summa canisters were properly closed, labeled and transported via courier to York Analytical Laboratories, Inc. for VOC analyses via EPA TO-15. Appropriate chain-of-custody procedures were followed.

### **Chemical Analysis**

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

**Table 2: Summary of Chemical Analysis**

<b>Factor</b>	<b>Description</b>
Quality Assurance Officer	The chemical analytical quality assurance is directed by Paul H. Ciminello of ESI.
Chemical Analytical Laboratory	The chemical analytical laboratory used in the RI is NYS ELAP certified and was York Analytical Laboratories, Inc.
Chemical Analytical Methods	Soil analytical methods: <ul style="list-style-type: none"><li>• TAL Metals by EPA Method 6010C (rev. 2007);</li><li>• VOCs by EPA Method 8260C (rev. 2006);</li><li>• SVOCs/PAHs by EPA Method 8270D (rev. 2007);</li><li>• Pesticides by EPA Method 8081B (rev. 2000);</li><li>• PCBs by EPA Method 8082A (rev. 2000);</li></ul> Soil vapor analytical methods: <ul style="list-style-type: none"><li>• VOCs by TO-15 VOC parameters.</li></ul>

**Results of Chemical Analyses**

Laboratory data for soil and soil vapor are summarized in Tables 3-7, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix D.

## **5.0 ENVIRONMENTAL EVALUATION**

### **5.1 Geological and Hydrogeological Conditions**

#### **Stratigraphy**

Subsurface materials observed in soil borings consisted of variable texture silty sands, with brick, masonry, and rock inclusions from the ground surface to depths ranging from approximately 9 to 11 feet bsg. Subsurface materials underlying these soils generally consisted of medium to coarse sands with small gravel. Bedrock was not encountered in any of the soil borings. Boring logs prepared for the RI are provided in Appendix C.

#### **Hydrogeology**

Groundwater was not encountered at any soil boring location and is expected at depths greater than 50 feet bgs in the vicinity of the Site. The direction of groundwater flow is not known but is likely to be in a southerly direction, towards Jamaica Bay.

### **5.2 Soil Chemistry**

Soil/fill samples collected during the May 2016 RI and January 2015 Phase II ESA were compared to NYSDEC Part 375-6 Unrestricted Use (Track 1; UUSCO) and Restricted Residential Use (Track 2; RRSCO) Soil Cleanup Objectives. Two VOCs, 1,2,4-trimethylbenzene (max 11 ppm), and acetone (max 0.077 ppm) were detected above UUSCOs in 2SB-01 10-10.5 and SB-02, respectively.

The following SVOCs were detected: benzo(a)anthracene (max 31.6 ppm) above RRSCOs in four samples, benzo(a)pyrene (max 6.64 ppm) above RRSCOs in three samples, benzo(b)fluoranthene (max 13.4 ppm) above RRSCOs in three samples, benzo(k)fluoranthene (max 17.2 ppm) above RRSCOs in two samples and above UUSCOs in two samples, chrysene (max 28.2 ppm) above RRSCOs in two samples and above UUSCOs in two samples, dibenzo(a,h)anthracene (max 4.26 ppm) above RRSCOs in two samples, indeno(1,2,3-cd)pyrene (max 6.37 ppm) above RRSCOs in two samples, and naphthalene (max 17.2 ppm) above UUSCOs in one sample.

Four pesticides, 4,4'-DDD (max 0.021 ppm), 4,4'-DDE (max 0.031 ppm), 4,4'-DDT (max 0.18 ppm), and dieldrin (max 0.012 ppm) were detected above Unrestricted SCOs. No PCBs were detected above Unrestricted Use SCOs.

The following metals were detected: copper (max 289 ppm) above RRSCOs in one sample and above UUSCOs in five samples, barium (max 635 ppm) above RRSCOs in two samples, lead (max 1,010 ppm) above RRSCOs in three samples and above UUSCOs in five samples, mercury (max 1.75 ppm) above RRSCOs in two samples and above UUSCOs in four samples, and zinc (max 1,110 ppm) above UUSCOs in seven samples.

Soil in all shallow sampling locations is impacted by metals, SVOCs, and pesticides. Overall, soil chemistry is similar to sites with historic fill material in New York City. A limited hotspot at 2SB-01 is impacted by VOCs.

Data collected during the RI and Phase II ESA 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 3-6. Figure 5 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 and 2 Soil Cleanup Objectives.

### **5.3 Groundwater Chemistry**

No groundwater chemistry data is available for the Site.

### **5.4 Soil Vapor Chemistry**

Soil vapor samples collected during the RI and Phase II ESA were compared to the compounds listed in Table 3.1 Air Guideline Values, provided in the DOH Guidance, and to revised guidelines for specific compounds provided in the *Tetrachloroethene (PERC) in Indoor and Outdoor Air September 2013 Fact Sheet* and *Trichloroethene (TCE) in Indoor and Outdoor Air August 2015 Fact Sheet*. PCE was detected in the soil vapor sample at 31 ug/m<sup>3</sup>, which is slightly above the guideline of 30 ug/m<sup>3</sup>. Low-level concentrations of several other solvents and petroleum compounds were also detected in 2SV-01 and SV-01 through SV-03.

The soil vapor data indicates that the Site has been impacted by low-level concentrations of PCE, potentially from the nearby dry cleaner to the south.

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 7. Figure 5 shows the location and posts the values for soil vapor samples with detected concentrations.

## **5.5 Prior Activity**

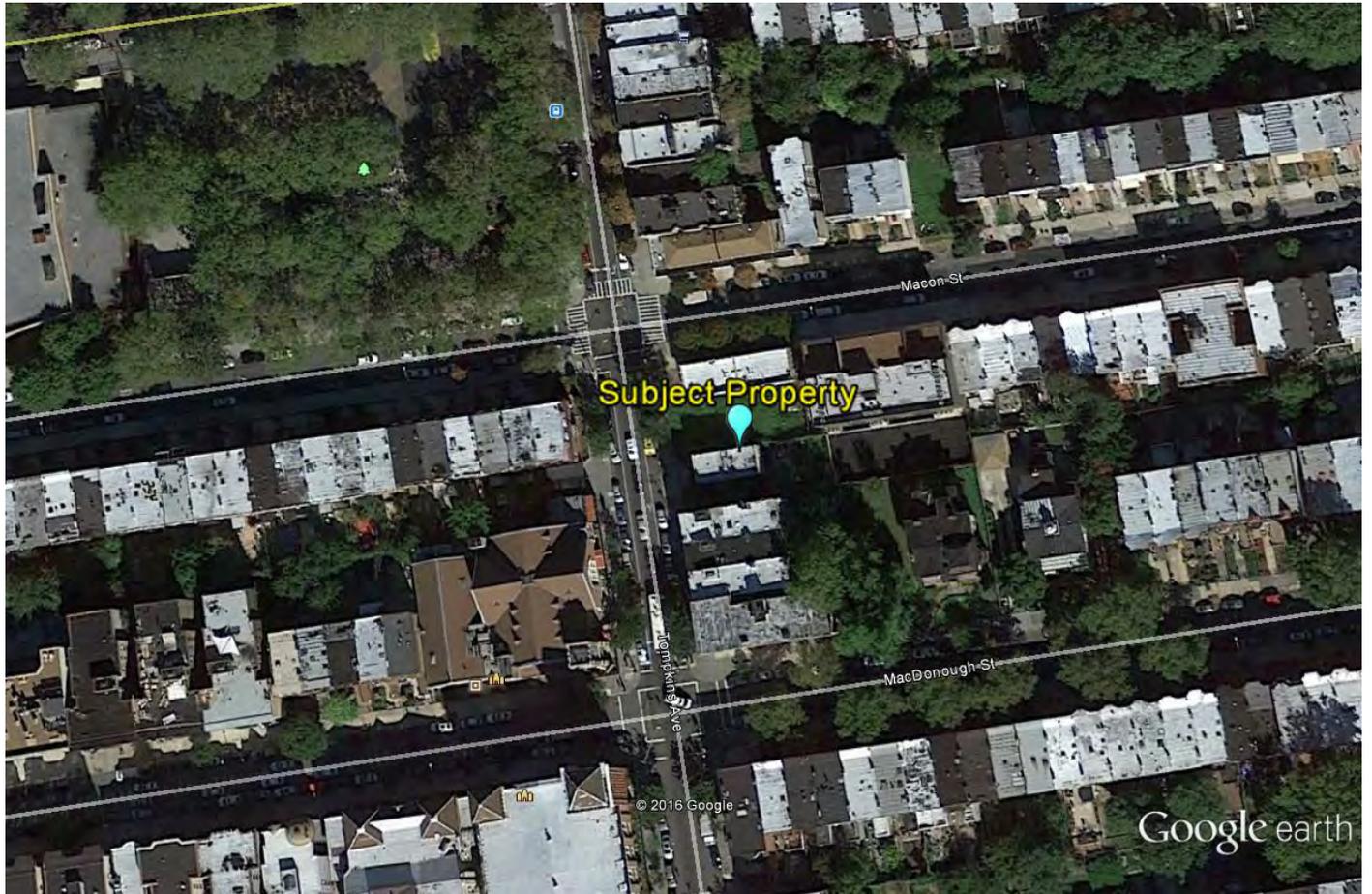
Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

## **5.6 Impediments to Remedial Action**

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



## **FIGURES**



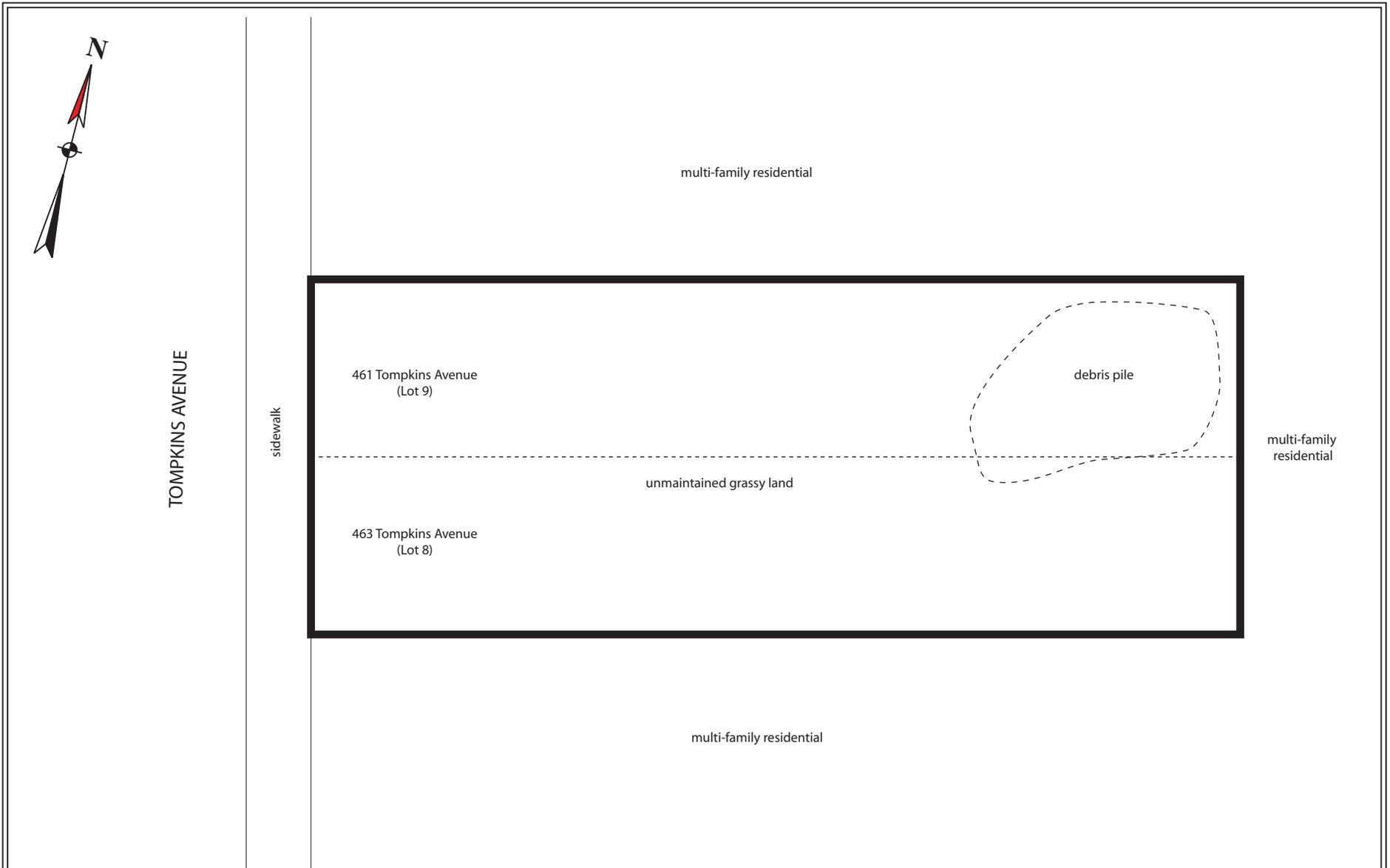
**Figure 1: Site Location Map**  
461 & 463 Tompkins Avenue  
Borough of Brooklyn, New York



ESI File: EB15157A.40

June 2016

Figures



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

**Figure 2: Selected Site Features Map**

461 & 463 Tompkins Avenue  
Borough of Brooklyn, New York

Legend:

-  subject property border
-  tax lot boundary

ESI File: EB15157A.40

June 2016

Not to scale

Figures



**Figure 3 – Proposed Development Plans**

**SYMBOLS**

**ABBREVIATIONS**

NOTE: NOT ALL ABBREVIATIONS HAVE BEEN USED IN THIS SET OF DRAWINGS

**DTL TITLE**  
DRAWING/DETAIL TITLE

**ELEVATION**

**BUILDING SECTION**

**WALL SECTION**

**DETAIL SECTION**

**INTERIOR ELEVATIONS**

**PLAN DETAIL**

**PARTITION TYPE**

**DOOR NUMBER**

**WINDOW TYPE**

**DIMENSION STRINGS**

**ELEVATION INDICATOR**

**REVISION CLOUD/NUMBER**

**STAIR DIRECTION**

**CENTER LINE**

**PROPERTY LINE**

**1 HOUR RATED CONSTRUCTION**

**2 HOUR RATED CONSTRUCTION**

**BUILDING ENTRY**

**FLOOR DRAIN**

**AREA DRAIN**

**SMOKE & CARBON M. DETECTOR**

**SMOKE DETECTOR**

**ELECTRICAL SWITCH**

**MATERIALS**

**EARTH**

**GRAVEL/POROUS FILL**

**CONCRETE**

**BRICK**

**STONE**

**CONCRETE MASONRY UNITS**

**STEEL**

**BATT INSULATION**

**RIGID INSULATION**

**GYPSUM BOARD**

**GLASS**

**CERAMIC/QUARRY TILE**

**ACOUSTIC TILE**

**RESILIENT FLOORING**

**ABBREVIATIONS**

NOTE: NOT ALL ABBREVIATIONS HAVE BEEN USED IN THIS SET OF DRAWINGS

ABV	ABOVE	FIN	FINISH	PRFAB	PREFABRICATED
A/C	AIR CONDITION(ER)ING/ED	FL	FLOOR(ING)	PSF	POUNDS PER SQUARE FOOT
ACUST	ACOUSTICAL(AL)	FLR	FLOOR(ING)	PSI	POUNDS PER SQUARE INCH
ACT	ACOUSTICAL TILE	FND	FOUNDATION	PT	POINT
AD	AREA DRAIN	FND	FOUNDATION	PTN	PARTITION
ADJ	ADJACENT	FO	FACE OF	PVC	POLYVINYL CHLORIDE
ADJT	ADJUSTABLE	FCC	FACE OF CONCRETE	PVMC	PAVEMENT
AFF	ABOVE FINISH FLOOR	FOF	FACE OF FINISH		
AFR	ABOVE FINISH ROOF	FOM	FACE OF MASONRY		
AGG	AGGREGATE	FOS	FACE OF STUDS		
ALT	ALTERNATE	FF	FIRE PROTECTED		
AL	ALUMINUM	FFSG	FIRE PROTECTED SELF-CLOSING		
AMP	ACOUSTICAL METAL PANEL	FR	FIRE RATED		
ANOD	ANODIZED	FRMG	FRAMING		
AP	ACCESS PANEL	FRP	FIBERGLASS REINFORCED PLASTIC		
APPROX	APPROXIMATE(LY)	FTG	FOOTING		
ARCH	ARCHITECT(URAL)	FUR	FURRED		
ATTEN	ATTENTION	FURN	FURNITURE		
AV	AUDIOVISUAL	FUT	FUTURE		
BC	BRICK COURSE				
BD	BOARD	GA	GAUGE		
BEL	BELOW	GALV	GALVANIZED		
BET	BETWEEN	GC	GENERAL CONTRACT(OR)		
BTUM	BITUMINOUS	GEN	GENERAL		
BLDG	BUILDING	GL	GLASS/GLAZING		
BLK	BLOCK	GYP/BD	GYPSUM BOARD		
BLKG	BLOCKING				
BM	BEAM	HC	HOLLOW CORE		
BO	BOTTOM OF	HCF	HARDENED CONCRETE FINISH		
B/O	BY OWNER	HD	HEAVY DUTY		
BOT	BOTTOM	HDR	HEADER		
BR	BRONZE	HDW	HARDWARE		
BKK	BRICK	HDWD	HARD WOOD		
BS	BOTH SIDES	HM	HOLLOW METAL		
BSMT	BASEMENT	HOR	HORIZONTAL		
		HP	HIGH POINT		
		HT	HEIGHT		
		HTG	HEATING		
		HYAC	HEATING, VENTILATION, AIR CONDITIONING, COOLING		
		ID	INSIDE DIAMETER		
		INCRAN	INCANDESCENT		
		INCL	INCLUDE(ING)		
		INSUL	INSULATION		
		INT	INTERIOR		
		INT	INTERIOR		
		INVT	INVERT		
		IPS	IRON PIPE SIZE		
		JC	JANITOR'S CLOSET		
		JT	JOINT		
		L	LENGTH		
		LAM	LAMINATE(D)		
		LAV	LAVATORY		
		LEV	LEVEL		
		LH	LEFT-HAND		
		LL	LIVE LOAD		
		LP	LOW POINT		
		LTG	LIGHTING		
		LTL	LINTEL		
		LWT	LIGHTWEIGHT		
		M	MALE		
		MAT	MATERIAL		
		MAX	MAXIMUM		
		MBL	MARBLE		
		MC	MEDICINE CABINET		
		MCT	METAL CEILING TILE		
		ME	MECHANICAL EQUIPMENT		
		MECH	MECHANICAL		
		MEMB	MEMBRANE		
		MEZZ	MEZZANINE		
		MFR	MANUFACTURE(R)		
		MIN	MINIMUM		
		MIR	MIRROR		
		MISC	MISCELLANEOUS		
		MM	METAL MESH		
		MO	MASONRY OPENING		
		MP	METAL PANELS		
		MFD	MOUNTED		
		MTL	METAL		
		N	NORTH		
		NC	NOT IN CONTRACT		
		NO	NUMBER		
		NOM	NOMINAL		
		NR	NO RATING/NOT REQUIRED		
		NRC	NOISE RESISTANCE COEFFICIENT		
		NTS	NOT TO SCALE		
		OC	ON CENTER		
		OD	OUTSIDE DIAMETER		
		OFF	OFFICE		
		OH	OVERHEAD		
		OPS	OPENING		
		OPH	OPPOSITE HAND		
		OPP	OPPOSITE		
		P	PLASTIC		
		PENT	PENTHOUSE		
		PL	PLATE		
		PL	PROPERTY LINE		
		PLAS	PLASTER		
		PLF	POUNDS PER LINEAR FOOT		
		PLUMB	PLUMBING		
		PLYWD	PLYWOOD		
		PNL	PANEL		
		PNT	PAINT(ED)		
		R	RIGHT		
		RAD	RADIUS		
		RD	ROOF DRAIN		
		REC	RECESSED		
		RECF	RECEP(T)FACE		
		REFL	REFLECT(ED)		
		REFRG	REFRIGERATOR(ION)		
		REINF	REINFORC(ING)EMENT		
		REM	REMOVE		
		REQ	REQUIRE(D)		
		REV	REVISION		
		RH	RIGHT HAND		
		RM	ROOM		
		RO	ROUGH OPENING		
		RT	RUBBER TILE		
		RVT	RESILIENT VINYL TILE		
		S	SOUTH		
		SA	SLEEPING AREA		
		SC	SOLID CORE		
		SCH	SCHEDULE		
		SD	SMOKE DETECTOR		
		SEC	SECTION		
		SF	SQUARE FEET		
		SH	SHELF(FIVE)S		
		SH	SHEET		
		SHH	SHEATHING		
		SHW	SHOWER		
		SIM	SIMILAR		
		SLD	SOLDER		
		SPEC	SPECIFICATION		
		SPH	SPRINKLER HEAD		
		SPRINK	SPRINKLER		
		SQ	SQUARE		
		SS	STAINLESS STEEL		
		STC	SOUND TRANSMISSION CLASS		
		STD	STANDARD		
		STL	STEEL		
		STOR	STORAGE		
		STRUC	STRUCTURAL		
		SUPP	SUPPORT		
		SURF	SURFACE		
		SUSP	SUSPENDED		
		SWC	SERVICE		
		SYN	SYNTHETIC		
		SYS	SYSTEM		
		T	TREAD		
		T&B	TOP AND BOTTOM		
		TC	TERRA COTTA		
		TEL	TELEPHONE		
		TER	TERRAZZO		
		T&G	TONGUE AND GROOVE		
		THK	THICK(NESS)		
		TK	TOP OF		
		TOIL	TOILET		
		TOL	TOLERANCE		
		TOS	TOP OF SLAB		
		TO STL	TOP OF STEEL		
		TOW	TOP OF WALL		
		TYP	TYPICAL		
		UNF	UNFINISHED		
		UNOT	UNLESS OTHERWISE NOTED		
		V	VINYL		
		VARN	VARNISH		
		VB	VAPOR BARRIER		
		VERT	VERTICAL		
		VEST	VESTIBULE		
		VNR	VENEER		
		VNT	VINYL TILE		
		VTR	VENT THROUGH ROOF		
		VWC	VINYL WALL COVERING		
		W	WEST		
		W	WITH		
		WC	WATER CLOSET		
		WD	WOOD		
		WF	WIDE FLANGE		
		WI	WIDE(ETH)		
		WIN	WINDOW		
		W/O	WITHOUT		
		WR	WATERPROOF(ING)		
		WR	WATER RESISTANT/REPELLENT		
		WT	WEIGHT		
		WTW	WALL TO WALL		
		W/WF	WELDED WIRE FABRIC		
		W/M	WOVEN WIRE MESH		
		∠	AND ANGLE		
		AT	AT		
		Ø	DIAMETER		
		•	FEET		
		"	INCHES		
		#	NUMBER		
		/	PER		
		♿	HANDICAPPED ACCESSIBLE		

**PROPOSED APARTMENT DISTRIBUTION**

	CELLAR	1ST FL	2ND FL	3RD FL	TOTAL
461	3 BR - UFAS	0	0	0	0
	3 BR	0	0	0.5	0.5
	2 BR - UFAS	0	0	0	0
	2 BR	0	0	0	0
	1 BR - UFAS	0	0	0	0
	1 BR	0	1	0	1
	0 BR - UFAS	0	0	0	0
	0 BR	0	0	0	0
TOTAL RESIDENTIAL	0	1	0.5	0.5	2
COMMERCIAL	0	0	0	0	0

**DRAWING LIST**

- ARCHITECTURAL**
- G-001.00 COVER SHEET
  - G-002.00 GENERAL NOTES
  - G-01.00.00 BUILDING CODE ANALYSIS I
  - G-01.01.00 BUILDING CODE ANALYSIS II
  - G-01.02.00 BUILDING CODE ANALYSIS III
  - G-01.03.00 BUILDING CODE ANALYSIS IV
  - Z-001.00 ZONING DATA
  - V-001.00 SURVEY
  - B-001.00 BORING LOGS-1
  - A-100.00 CELLAR & 1ST FLR PLAN
  - A-101.00 2ND & 3RD FLOOR PLAN
  - A-102.00 ROOF PLAN
  - A-110.00 CELLAR & 1ST FLR REFLECTED CEILING PLAN
  - A-111.00 2ND & 3RD FLR REFLECTED CEILING PLAN
  - A-200.00 ELEVATIONS
  - A-210.00 BUILDING SECTIONS
  - A-230.00 KITCHEN ELEVATIONS
  - A-231.00 BATHROOM ELEVATIONS
  - A-240.00 TYPICAL DETAILS
  - A-241.00 INTERIOR DETAILS
  - A-300.00 EXTERIOR WALL SECTIONS
  - A-303.00 EXTERIOR DETAILS
  - A-304.00 CAST STONE DETAILS
  - A-310.00 TYPICAL ROOF DETAILS
  - A-320.00 TYPICAL SITE DETAILS
  - A-340.00 WINDOW SCHEDULE & GUARD DTLs
  - A-341.00 WINDOW DETAILS
  - A-401.00 STAIR SECTION & DTLs
  - A-600.00 PARTITION TYPES
  - A-610.00 DOOR TYPES & SCHEDULE
  - A-611.00 DOOR DETAILS
  - A-620.00 FINISH SCHEDULE

**STRUCTURAL**

- S-100.00 FOUNDATION PLAN, 1ST FLR FRAMING PLAN, AND 2ND FLR FRAMING PLAN
- S-101.00 3RD FLR FRAMING PLAN AND ROOF FRAMING PLAN
- S-200.00 DETAILS & NOTES

**MECHANICAL**

- M-101.00 CELLAR & FIRST FLOOR PLANS
- M-201.00 SECOND & THIRD FLOOR PLANS
- M-301.00 ROOF PLAN
- M-401.00 SCHEDULE, LEGEND NOTES, RISER DIAGRAM & DETAILS

**PLUMBING**

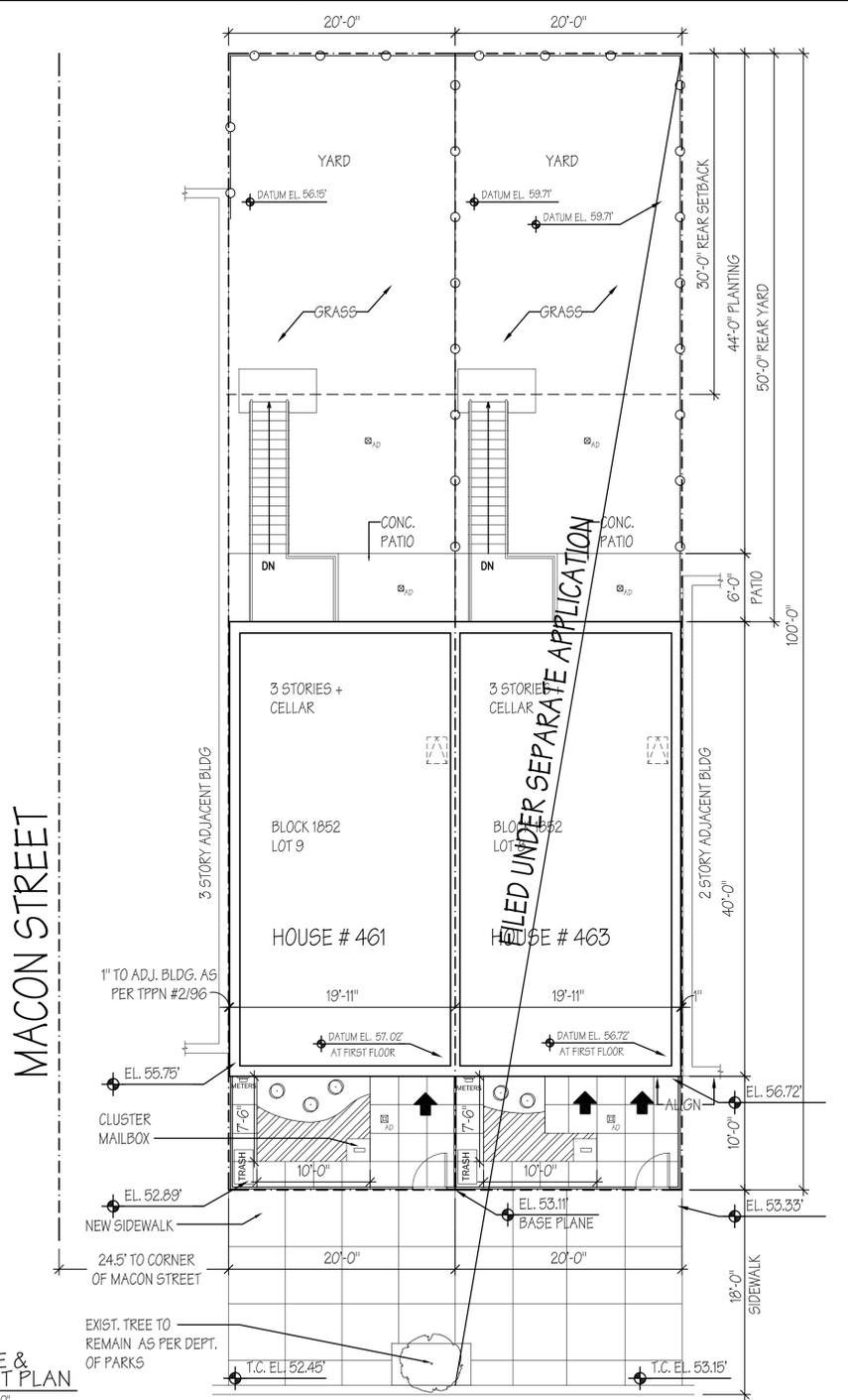
- P-101.00 CELLAR & FIRST FLOOR PLANS
- P-201.00 SECOND & THIRD FLOOR PLANS
- P-301.00 ROOF PLAN
- P-401.00 RISER DIAGRAM & DETAILS

**SPRINKLER**

- SP-101.00 CELLAR, 1ST & 2ND FLOOR PLANS
- SP-201.00 3RD FLOOR PLAN & SITE PLAN
- SP-301.00 LEGEND, RISER DIAGRAM, DETAILS, NOTES
- SP-401.00 HYDRAULIC CALCULATIONS

**ELECTRICAL**

- E-101.00 CELLAR, 1ST & 2ND FLOOR PLANS
- E-201.00 3RD & ROOF FLOOR PLANS
- E-301.00 DETAILS, RISERS & SCHEDULES



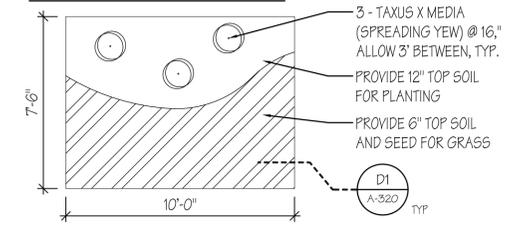
**C3 SITE & PLOT PLAN**  
G-001 1/8" = 1'-0"

NOTE:  
1. FOR SITE DETAILS SEE A-320.  
2. STREET TREE PER BLDG. REQUIRED BY ZR 26-41. EXACT LOCATION TO BE DETERMINED BY DEPARTMENT OF PARKS & RECREATION.  
3. PROVIDE PAVING AS PER BPP.

**ZONING INFORMATION**

ADDRESS: 461 TOMPKINS AVENUE  
BROOKLYN, NY  
BLOCK: 1852  
LOT(S): 9  
LOT AREA: 2000 SF  
ZONING DISTRICT: R6B  
ZONING MAP: 17 A  
CONSTRUCTION CLASSIFICATION: III-B  
OCCUPANCY GROUP: R3

**FRONT YARD PLANTING PLAN**



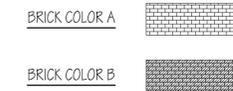
**VAN BUREN GREENE, LLC**  
BROOKLYN, NEW YORK 11206

Owner / Developer  
**ELH Management, LLC**  
38 Rockwell Place  
Brooklyn, NY 11217  
718-797-9641

Architect  
**Curtis + Ginsberg Architects LLP**  
299 Broadway, Suite 1107  
New York, New York 10007  
212-929-4417

Structural Engineer  
**Georgopolous Consulting**  
45-25 21 Street - 2nd Floor  
Long Island City, NY 11101

- NOTE:
- SEE A-340 FOR WINDOW TYPES & DETAILS
  - SEE A-304 FOR CAST STONE DETAILS
  - SEE SPECS FOR BRICK COLOR AND SIDING DIMENSIONS



**VAN BUREN GREENE, LLC**

**BROOKLYN, NEW YORK 11206**  
 Owner / Developer  
**ELH Management, LLC**  
 98 Rockwell Place  
 Brooklyn, NY 11217  
 718-797-9641

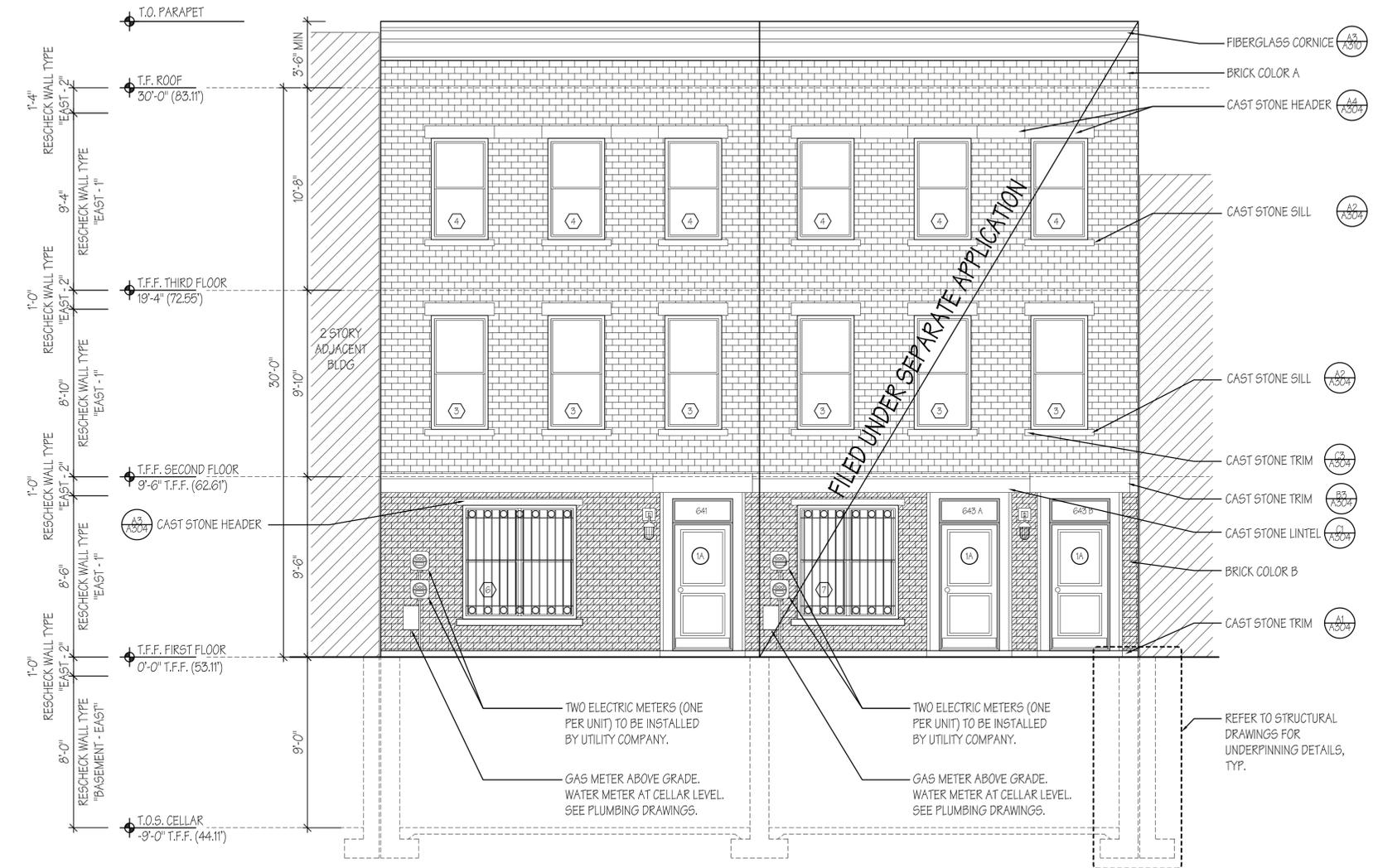
Architect  
**Curtis + Ginsberg Architects LLP**  
 299 Broadway, Suite 1107  
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 212-929-4417

Structural Engineer  
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Mechanical, Electrical, Plumbing Engineer

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 39 East 20th Street  
 New York, NY 10003  
 212-777-0200

Civil Engineer  
**William Atlas Associates**  
 545 Eighth Avenue  
 New York, NY 10018  
 212-279-9740



WINDOW FRAME / GRILLE NOTE:  
 FOR THE OCCUPANT'S OWN SAFETY, ALL PROPOSED WINDOW / DOOR SECURITY METAL GATES ARE HIGHLY RECOMMENDED TO BE THE TYPES APPROVED BY BOARD OF STANDARDS AND APPEALS OF NYC.

No.	Date	Revision

12/20/15 DOB SUBMISSION  
 12/15/15 BLDG SUBMISSION

No.	Date	Submission

Title:  
**461 TOMPKINS AVENUE  
 FRONT  
 ELEVATION**

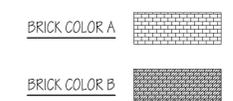


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 Job No.: 0708-3  
 Scale: AS NOTED  
 Drawn By: LG / LT  
 Checked By: RDC

**C1 FRONT ELEVATION**  
 A-200 1/4" = 1'-0"

**A-200.00**  
 G:\DWG\0708

- NOTE:
- SEE A-340 FOR WINDOW TYPES & DETAILS
  - SEE A-304 FOR CAST STONE DETAILS
  - SEE SPECS FOR BRICK COLOR AND SIDING DIMENSIONS



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 Long Island City, NY 11101  
 718-361-9871

Mechanical, Electrical, Plumbing Engineer

**Reynaldo C. Prego Consulting Engineers**  
 39 East 20th Street  
 New York, NY 10003  
 212-777-0200  
 Civil Engineer

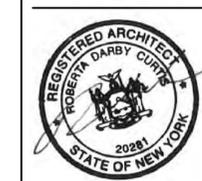
**William Atlas Associates**  
 545 Eighth Avenue  
 New York, NY 10018  
 212-279-9740

No.	Date	Revision

12/20/15 DOB SUBMISSION  
 12/15/15 BLDG SUBMISSION

No.	Date	Submission

Title:  
**461 TOMPKINS AVENUE  
 REAR ELEVATION**

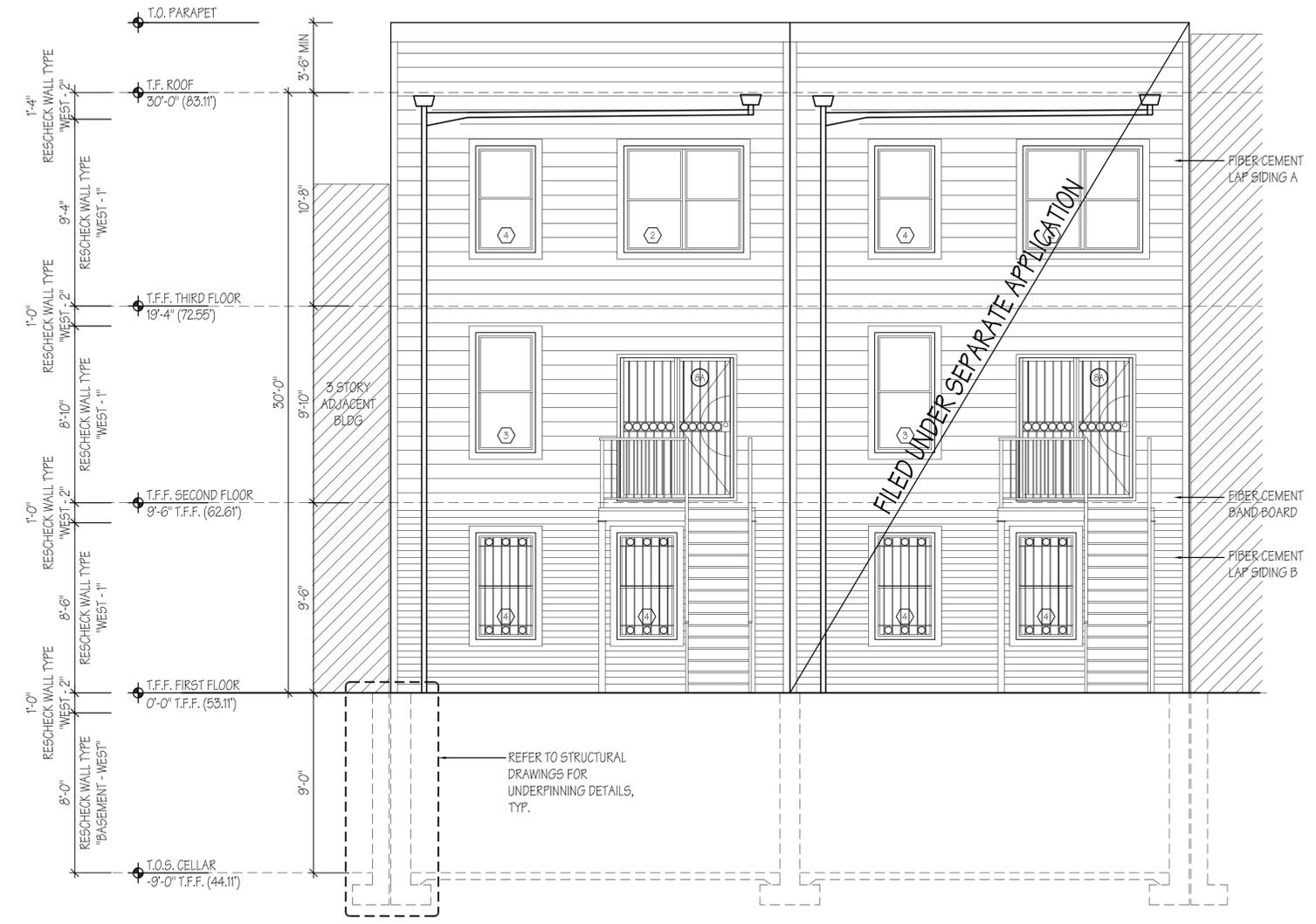


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 Job No.: 0708-3  
 Scale: AS NOTED  
 Drawn By: LG / LT  
 Checked By: RDC

Blg\_Type Cluster Site

**A-201.00**

G:\DWG\0708



**C1 REAR ELEVATION**  
 A-201 1/4" = 1'-0"

**VAN BUREN GREENE, LLC**

**BROOKLYN, NEW YORK 11206**

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**Georgopolous Consulting**  
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 Long Island City, NY 11101  
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Mechanical, Electrical, Plumbing Engineer

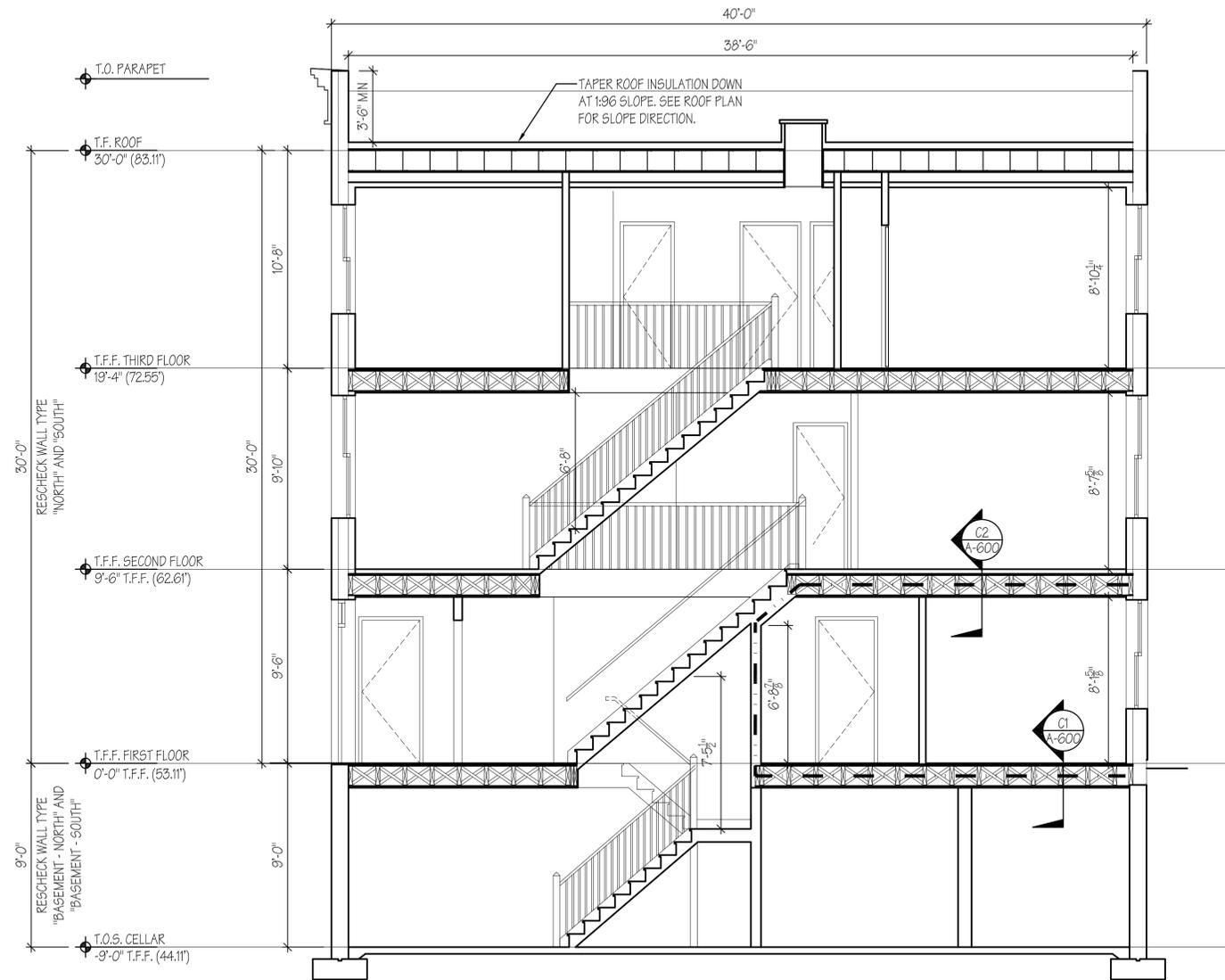
**Reynaldo C. Prego Consulting Engineers**

39 East 20th Street  
 New York, NY 10003  
 212-777-0200

Civil Engineer

**William Atlas Associates**

545 Eighth Avenue  
 New York, NY 10018  
 212-279-9740



**C1** LONGITUDINAL SECTION  
 A-210 1/4" = 1'-0"

No.	Date	Revision

12/20/15 DOB SUBMISSION  
 12/15/15 BLDG SUBMISSION

No.	Date	Submission

Title:  
**461 TOMPKINS AVENUE  
 LONGITUDINAL SECTION**



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Job No.: 0708-3

Scale: AS NOTED

Drawn By: LG / LT

Checked By: RDC

Blg\_Type Cluster\_Site

**A-210.00**

G:\DWG\0708

**VAN BUREN GREENE, LLC**

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 39 East 20th Street  
 New York, NY 10003  
 212-777-0200  
 Civil Engineer

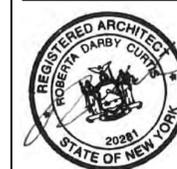
**William Atlas Associates**  
 545 Eighth Avenue  
 New York, NY 10018  
 212-279-9740

No.	Date	Revision

12/20/15 DOB SUBMISSION  
 12/15/15 BLDG SUBMISSION

No.	Date	Submission

Title:  
**461 TOMPKINS AVENUE  
 TRANSVERSE SECTION**



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Job No.: 0708-3

Scale: AS NOTED

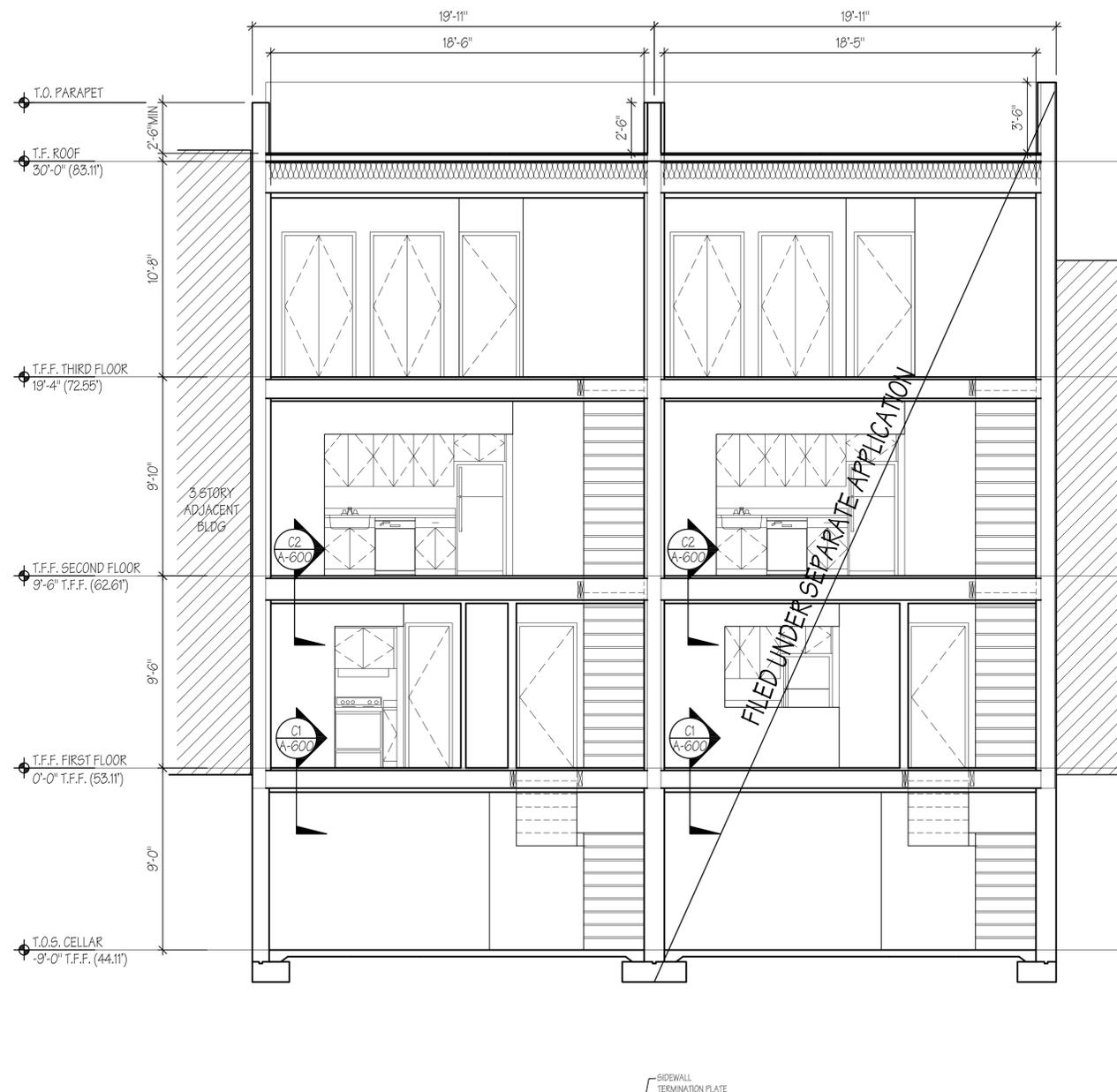
Drawn By: LG / LT

Checked By: RDC

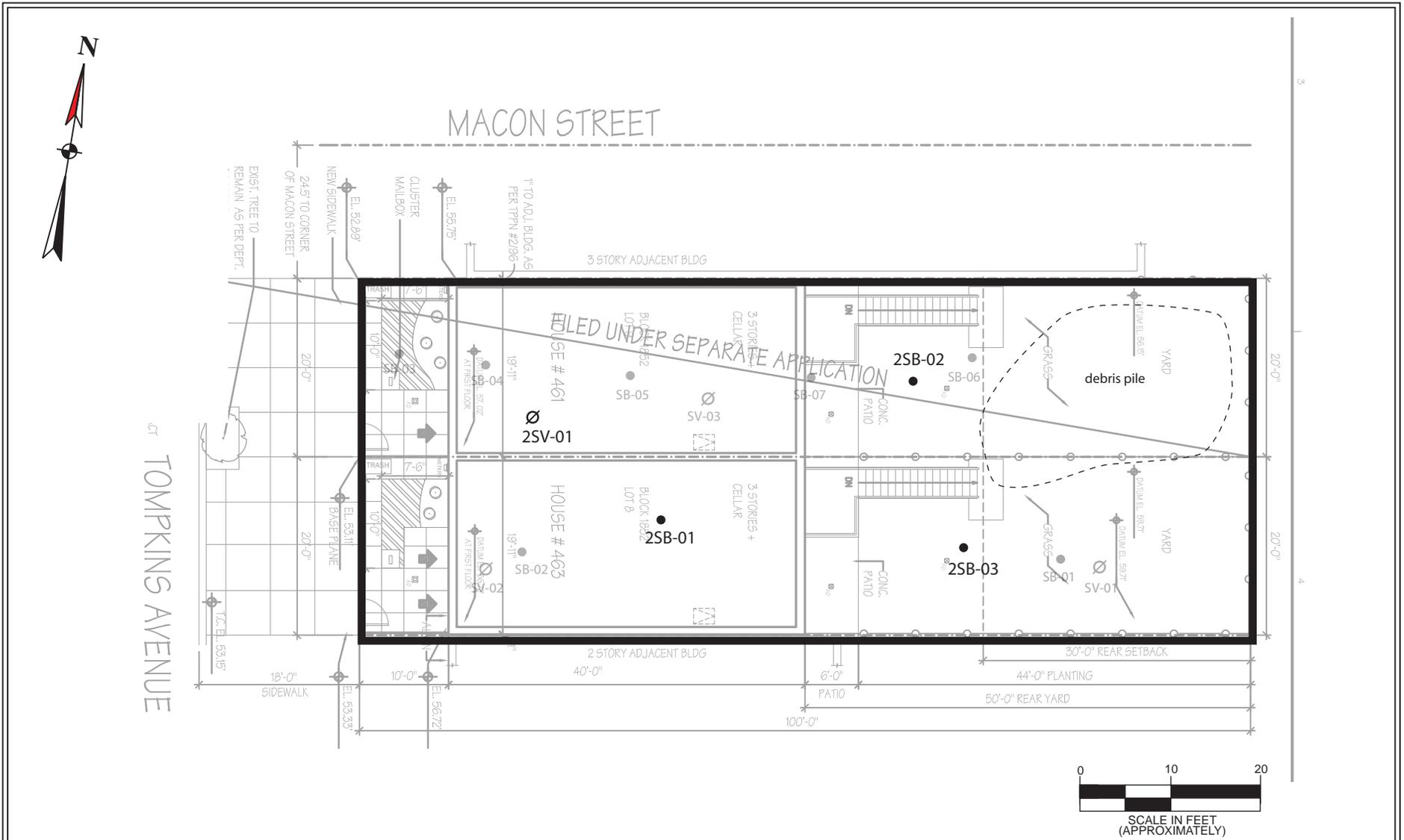
Blg. Type Cluster Site

**A-211.00**

G:\DWG\0708



**C1 TRANSVERSE SECTION**  
 A-211 1/4" = 1'-0"



Base map provide by Curtis and Ginsberg Architects LLP - Site Plan dated 12/20/15. All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

**Figure 4: Fieldwork Map**

461 & 463 Tompkins Avenue  
Borough of Brooklyn, New York

**Legend:**

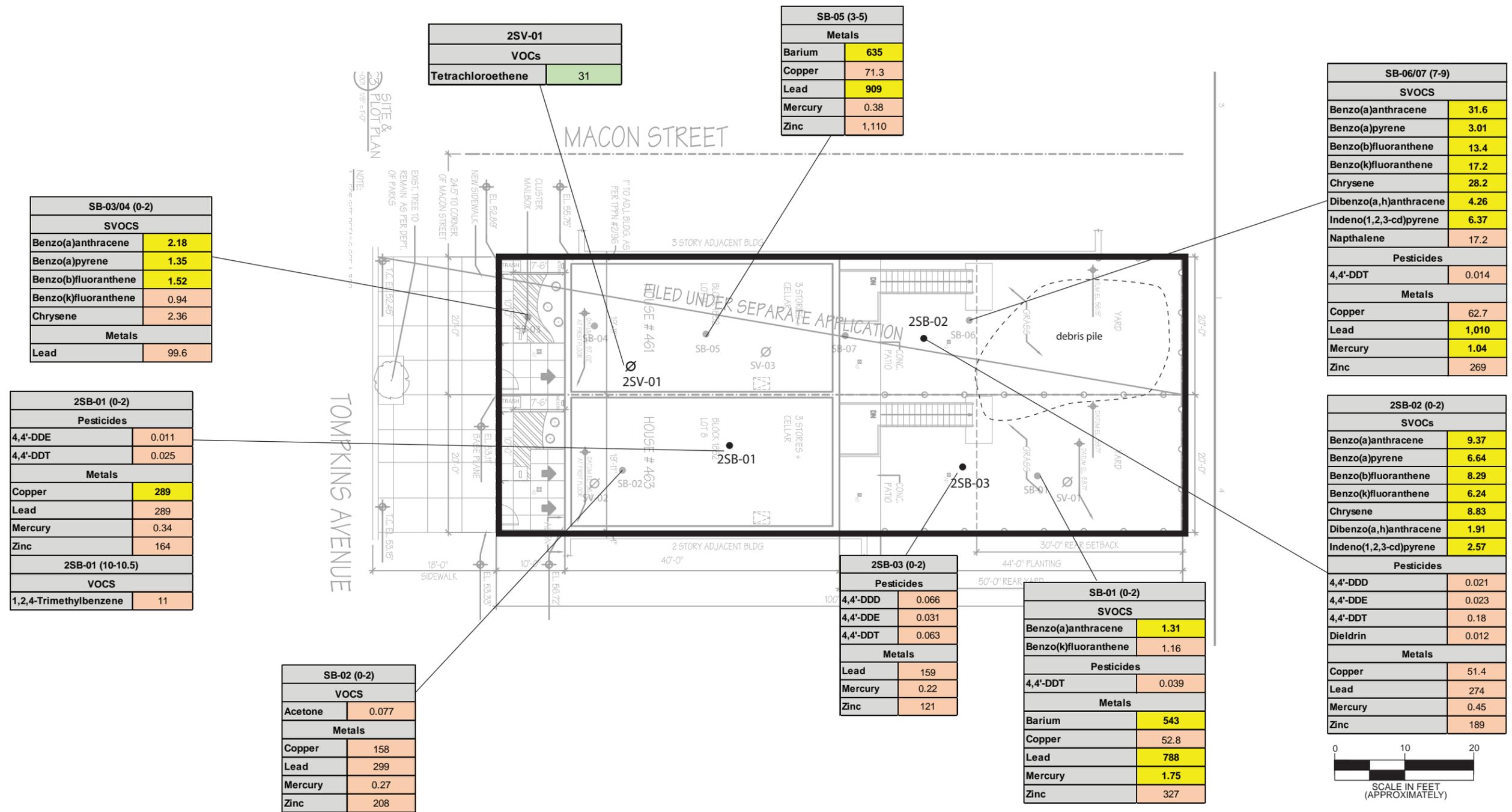
- subject property border
- previous soil sample location
- soil sample locations
- previous soil vapor sample location
- soil vapor sample location

ESI File: EB15157A.40

June 2016

Scale as shown

Figures



SB-03/04 (0-2)	
SVOCs	
Benzo(a)anthracene	2.18
Benzo(a)pyrene	1.35
Benzo(b)fluoranthene	1.52
Benzo(k)fluoranthene	0.94
Chrysene	2.36
Metals	
Lead	99.6

2SB-01 (0-2)	
Pesticides	
4,4'-DDE	0.011
4,4'-DDT	0.025
Metals	
Copper	289
Lead	289
Mercury	0.34
Zinc	164
2SB-01 (10-10.5)	
VOCS	
1,2,4-Trimethylbenzene	11

SB-02 (0-2)	
VOCS	
Acetone	0.077
Metals	
Copper	158
Lead	299
Mercury	0.27
Zinc	208

2SV-01	
VOCS	
Tetrachloroethene	31

SB-05 (3-5)	
Metals	
Barium	635
Copper	71.3
Lead	909
Mercury	0.38
Zinc	1,110

2SB-03 (0-2)	
Pesticides	
4,4'-DDD	0.066
4,4'-DDE	0.031
4,4'-DDT	0.063
Metals	
Lead	159
Mercury	0.22
Zinc	121

SB-01 (0-2)	
SVOCs	
Benzo(a)anthracene	1.31
Benzo(k)fluoranthene	1.16
Pesticides	
4,4'-DDT	0.039
Metals	
Barium	543
Copper	52.8
Lead	788
Mercury	1.75
Zinc	327

SB-06/07 (7-9)	
SVOCs	
Benzo(a)anthracene	31.6
Benzo(a)pyrene	3.01
Benzo(b)fluoranthene	13.4
Benzo(k)fluoranthene	17.2
Chrysene	28.2
Dibenzo(a,h)anthracene	4.26
Indeno(1,2,3-cd)pyrene	6.37
Napthalene	17.2
Pesticides	
4,4'-DDT	0.014
Metals	
Copper	62.7
Lead	1,010
Mercury	1.04
Zinc	269

2SB-02 (0-2)	
SVOCs	
Benzo(a)anthracene	9.37
Benzo(a)pyrene	6.64
Benzo(b)fluoranthene	8.29
Benzo(k)fluoranthene	6.24
Chrysene	8.83
Dibenzo(a,h)anthracene	1.91
Indeno(1,2,3-cd)pyrene	2.57
Pesticides	
4,4'-DDD	0.021
4,4'-DDE	0.023
4,4'-DDT	0.18
Dieldrin	0.012
Metals	
Copper	51.4
Lead	274
Mercury	0.45
Zinc	189

**Legend:**

- subject property border
- previous soil sample location
- previous soil vapor sample location
- soil sample locations
- soil vapor sample location

Analyte Above UUSCO in Soil
Analyte Above RRUSCO in Soil
Relatively elevated concentrations in Soil Vapor

All Results in ppm

**Figure 5: Exceedances in Soil and Soil Vapor**

461 & 463 Tompkins Avenue  
Borough of Brooklyn, New York

ESI File: EB15157A.40

Scale as shown

June 2016 | Figures

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.



Ecosystems Strategies, Inc.

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## **TABLES**

**Table 3: VOCs in Soils**  
**OER Project Number: 16TEMP014K**

All data in mg/Kg (ppm)			Sample ID		2SB-01 0-2		2SB-01 10-10.5		2SB-01 14-16		2SB-02 0-2	
U= Not Detected ≥ indicated value			Sample Date		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2016-05-10)	
Data above SCOs shown in <b>Bold</b>			Dilution Factor		1		106		1		1	
VOCs, 8260	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,1,1-Trichloroethane	0.68	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,1,2,2-Tetrachloroethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,1,2-Trichloroethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,1-Dichloroethane	0.27	26	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2,3-Trichlorobenzene	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2,3-Trichloropropane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2,4-Trichlorobenzene	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2,4-Trimethylbenzene	3.6	52	0.0021	U	0.0023	D	0.0019	U	0.0021	U		
1,2-Dibromo-3-chloropropane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2-Dibromoethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2-Dichlorobenzene	1.1	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2-Dichloroethane	0.2	31	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,2-Dichloropropane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,3,5-Trimethylbenzene	8.4	52	0.0021	U	0.078		0.0019	U	0.0021	U		
1,3-Dichlorobenzene	2.4	49	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,4-Dichlorobenzene	1.8	13	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
1,4-Dioxane	0.1	13	0.042	U	0.046	U	0.038	U	0.043	U		
2-Butanone (MEK)	0.12	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
2-Hexanone	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
4-Methyl-2-pentanone	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Acetone	0.05	100	0.0051	J	0.015		0.0038	U	0.0043	U		
Acrolein	NA	NA	0.0042	U	0.0046	U	0.0038	U	0.0043	U		
Acrylonitrile	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Benzene	0.06	48	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Bromochloromethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Bromodichloromethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Bromoform	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Bromomethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Carbon disulfide	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Carbon tetrachloride	0.76	24	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Chlorobenzene	1.1	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Chloroethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Chloroform	0.37	49	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Chloromethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
cis-1,3-Dichloropropylene	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Cyclohexane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Dibromochloromethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Dibromomethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Dichlorodifluoromethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Ethyl Benzene	1	41	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Hexachlorobutadiene	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Isopropylbenzene	2.3	100	0.0021	U	0.0062		0.0019	U	0.0021	U		
Methyl acetate	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Methyl tert-butyl ether (MTBE)	0.93	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Methylcyclohexane	NA	NA	0.0021	U	0.0027	J	0.0019	U	0.0021	U		
Methylene chloride	0.05	500	0.0042	U	0.0046	U	0.0038	U	0.0043	U		
n-Butylbenzene	12	100	0.0021	U	0.051		0.0019	U	0.0021	U		
n-Propylbenzene	3.9	100	0.0021	U	0.012		0.0019	U	0.0021	U		
o-Xylene	0.26	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
p- & m- Xylenes	0.26	100	0.0042	U	0.0046	U	0.0038	U	0.0043	U		
p-Isopropyltoluene	10	NA	0.0021	U	0.032		0.0019	U	0.0021	U		
sec-Butylbenzene	11	100	0.0021	U	0.043		0.0019	U	0.0021	U		
Styrene	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
tert-Butyl alcohol (TBA)	NA	NA	0.0021	U	0.0046	U	0.0038	U	0.0043	U		
tert-Butylbenzene	5.9	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Tetrachloroethylene (PCE)	1.3	19	0.0021	U	0.014		0.0019	U	0.0021	U		
Toluene	0.7	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
trans-1,3-Dichloropropylene	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Trichloroethylene (TCE)	0.47	21	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Trichlorofluoromethane	NA	NA	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Vinyl chloride (VC)	0.02	0.9	0.0021	U	0.0023	U	0.0019	U	0.0021	U		
Xylenes, Total	0.26	100	0.0064	U	0.0068	U	0.0057	U	0.0064	U		
Total VOCs	NA	NA	0.0051		11.2539		0		0			

Analyte Detected

Analyte Above UUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 3: VOCs in Soils**  
**OER Project Number: 16TEMP014K**

All data in mg/Kg (ppm)		Sample ID	2SB-01 14-16		2SB-03 0-2		2SB-03 14-16		SB-01 0-2	
U= Not Detected ≥ indicated value		Sample Date	(2016-05-10)		(2016-05-10)		(2016-05-10)		(2015-12-14)	
Data above SCOs shown in <b>Bold</b>		Dilution Factor	1		1		1		1	
VOCs, 8260	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,1,1-Trichloroethane	0.68	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,1,2,2-Tetrachloroethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,1,2-Trichloroethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,1-Dichloroethane	0.27	26	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2,3-Trichlorobenzene	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2,3-Trichloropropane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2,4-Trichlorobenzene	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2,4-Trimethylbenzene	3.6	52	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2-Dibromo-3-chloropropane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2-Dibromoethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2-Dichlorobenzene	1.1	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2-Dichloroethane	0.2	31	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,2-Dichloropropane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,3,5-Trimethylbenzene	8.4	52	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,3-Dichlorobenzene	2.4	49	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,4-Dichlorobenzene	1.8	13	0.0024	U	0.0023	U	0.0021	U	0.0028	U
1,4-Dioxane	0.1	13	0.048	U	0.046	U	0.043	U	0.056	U
2-Butanone (MEK)	0.12	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
2-Hexanone	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
4-Methyl-2-pentanone	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Acetone	0.05	100	0.011		0.0046	U	0.0043	U	0.044	
Acrolein	NA	NA	0.0048	U	0.0046	U	0.0043	U	0.0056	U
Acrylonitrile	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Benzene	0.06	48	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Bromochloromethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Bromodichloromethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Bromoform	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Bromomethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Carbon disulfide	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Carbon tetrachloride	0.76	24	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Chlorobenzene	1.1	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Chloroethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Chloroform	0.37	49	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Chloromethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
cis-1,3-Dichloropropylene	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Cyclohexane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Dibromochloromethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Dibromomethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Dichlorodifluoromethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Ethyl Benzene	1	41	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Hexachlorobutadiene	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Isopropylbenzene	2.3	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Methyl acetate	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Methylcyclohexane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Methylene chloride	0.05	500	0.0048	U	0.0046	U	0.0043	U	0.0056	U
n-Butylbenzene	12	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
n-Propylbenzene	3.9	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
o-Xylene	0.26	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
p- & m- Xylenes	0.26	100	0.0048	U	0.0046	U	0.0043	U	0.0056	U
p-Isopropyltoluene	10	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
sec-Butylbenzene	11	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Styrene	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
tert-Butyl alcohol (TBA)	NA	NA	0.0048	U	0.0046	U	0.0043	U	0.0028	U
tert-Butylbenzene	5.9	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Tetrachloroethylene (PCE)	1.3	19	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Toluene	0.7	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0024	U	0.0023	U	0.0021	U	0.0028	U
trans-1,3-Dichloropropylene	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Trichloroethylene (TCE)	0.47	21	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Trichlorofluoromethane	NA	NA	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Vinyl chloride (VC)	0.02	0.9	0.0024	U	0.0023	U	0.0021	U	0.0028	U
Xylenes, Total	0.26	100	0.0072	U	0.0069	U	0.0064	U	0.0085	U
Total VOCs	NA	NA	0.011		0		0			

Analyte Detected

Analyte Above UUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 3: VOCs in Soils**  
**OER Project Number: 16TEMP014K**

All data in mg/Kg (ppm)			Sample ID		SB-02 0-2		SB-03/04 0-2		SB-05 3-5		SB-06/07 7-9	
U= Not Detected ≥ indicated value			Sample Date		(2015-12-14)		(2015-12-14)		(2015-12-14)		(2015-12-14)	
Data above SCOs shown in <b>Bold</b>			Dilution Factor		1		1		1		1	
VOCs, 8260	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,1,1-Trichloroethane	0.68	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,1,2,2-Tetrachloroethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,1,2-Trichloroethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,1-Dichloroethane	0.27	26	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2,3-Trichlorobenzene	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2,3-Trichloropropane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2,4-Trichlorobenzene	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2,4-Trimethylbenzene	3.6	52	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2-Dibromo-3-chloropropane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2-Dibromoethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2-Dichlorobenzene	1.1	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2-Dichloroethane	0.2	31	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,2-Dichloropropane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,3,5-Trimethylbenzene	8.4	52	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,3-Dichlorobenzene	2.4	49	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,4-Dichlorobenzene	1.8	13	0.0025	U	0.0027	U	0.0026	U	0.35	U		
1,4-Dioxane	0.1	13	0.05	U	0.053	U	0.051	U	7	U		
2-Butanone (MEK)	0.12	100	0.0025	U	0.0027	U	0.0093		0.35	U		
2-Hexanone	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
4-Methyl-2-pentanone	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Acetone	0.05	100	0.077		0.0053	U	0.045		0.7	U		
Acrolein	NA	NA	0.005	U	0.0053	U	0.0051	U	0.7	U		
Acrylonitrile	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Benzene	0.06	48	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Bromochloromethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Bromodichloromethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Bromoform	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Bromomethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Carbon disulfide	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Carbon tetrachloride	0.76	24	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Chlorobenzene	1.1	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Chloroethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Chloroform	0.37	49	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Chloromethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
cis-1,3-Dichloropropylene	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Cyclohexane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Dibromochloromethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Dibromomethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Dichlorodifluoromethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Ethyl Benzene	1	41	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Hexachlorobutadiene	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Isopropylbenzene	2.3	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Methyl acetate	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.63	JD		
Methyl tert-butyl ether (MTBE)	0.93	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Methylcyclohexane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Methylene chloride	0.05	500	0.005	U	0.0053	U	0.0051	U	0.7	U		
n-Butylbenzene	12	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
n-Propylbenzene	3.9	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
o-Xylene	0.26	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
p- & m- Xylenes	0.26	100	0.005	U	0.0053	U	0.0051	U	0.7	U		
p-Isopropyltoluene	10	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
sec-Butylbenzene	11	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Styrene	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
tert-Butyl alcohol (TBA)	NA	NA	0.0025	U	0.0027	U	0.0051	U	0.35	U		
tert-Butylbenzene	5.9	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Tetrachloroethylene (PCE)	1.3	19	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Toluene	0.7	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0025	U	0.0027	U	0.0026	U	0.35	U		
trans-1,3-Dichloropropylene	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Trichloroethylene (TCE)	0.47	21	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Trichlorofluoromethane	NA	NA	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Vinyl chloride (VC)	0.02	0.9	0.0025	U	0.0027	U	0.0026	U	0.35	U		
Xylenes, Total	0.26	100	0.0074	U	0.008	U	0.0077	U	1.1	U		
Total VOCs	NA	NA										

Analyte Detected

Analyte Above UUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: SVOCs in Soils

All data in mg/Kg (ppm)											
Sample ID		2SB-01 0-2		2SB-01 10-10.5		2SB-01 14-16		2SB-02 0-2			
Sample Date		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2016-05-10)			
Dilution Factor		2		25		2		106			
SVOCs, 8270	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1'-Biphenyl	NA	NA	0.048	U	NT		0.044	U	0.049	U	
1,2,4,5-Tetrachlorobenzene	NA	NA	0.095	U	NT		0.088	U	0.098	U	
1,2,4-Trichlorobenzene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
1,2-Dichlorobenzene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.048	U	NT		0.044	U	0.049	U	
1,3-Dichlorobenzene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
1,4-Dichlorobenzene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2,3,4,6-Tetrachlorophenol	NA	NA	0.095	U	NT		0.088	U	0.098	U	
2,4,5-Trichlorophenol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2,4,6-Trichlorophenol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2,4-Dichlorophenol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2,4-Dimethylphenol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2,4-Dinitrophenol	NA	NA	0.095	U	NT		0.088	U	0.098	U	
2,4-Dinitrotoluene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2,6-Dinitrotoluene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2-Chloronaphthalene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2-Chlorophenol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
2-Methylnaphthalene	NA	NA	0.048	U	15.9	D	0.044	U	0.057	JD	
2-Methylphenol	0.33	100	0.048	U	NT		0.044	U	0.049	U	
2-Nitroaniline	NA	NA	0.095	U	NT		0.088	U	0.098	U	
2-Nitrophenol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
3- & 4-Methylphenols	0.33	100	0.048	U	NT		0.044	U	0.049	U	
3,3'-Dichlorobenzidine	NA	NA	0.048	U	NT		0.044	U	0.049	U	
3-Nitroaniline	NA	NA	0.095	U	NT		0.088	U	0.098	U	
4,6-Dinitro-2-methylphenol	NA	NA	0.095	U	NT		0.088	U	0.098	U	
4-Bromophenyl phenyl ether	NA	NA	0.048	U	NT		0.044	U	0.049	U	
4-Chloro-3-methylphenol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
4-Chloroaniline	NA	NA	0.048	U	NT		0.044	U	0.049	U	
4-Chlorophenyl phenyl ether	NA	NA	0.048	U	NT		0.044	U	0.049	U	
4-Nitroaniline	NA	NA	0.095	U	NT		0.088	U	0.098	U	
4-Nitrophenol	NA	NA	0.095	U	NT		0.088	U	0.098	U	
Acenaphthene	20	100	0.048	U	0.6	U	0.044	U	0.44	D	
Acenaphthylene	100	100	0.048	U	0.6	U	0.044	U	0.53	D	
Acetophenone	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Aniline	NA	NA	0.19	U	NT		0.18	U	0.2	U	
Anthracene	100	100	0.1	D	0.6	U	0.044	U	1.64	D	
Atrazine	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Benzaldehyde	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Benzidine	NA	NA	0.19	U	NT		0.18	U	0.2	U	
Benzo(a)anthracene	1	1	0.35	D	0.6	U	0.044	U	9.37	D	
Benzo(a)pyrene	1	1	0.32	D	0.6	U	0.044	U	6.64	D	
Benzo(b)fluoranthene	1	1	0.21	D	0.6	U	0.044	U	8.29	D	
Benzo(g,h,i)perylene	100	100	0.23	D	0.6	U	0.044	U	2.29	D	
Benzo(k)fluoranthene	0.8	3.9	0.29	D	0.6	U	0.044	U	6.24	D	
Benzoic acid	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Benzyl alcohol	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Benzyl butyl phthalate	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Bis(2-chloroethoxy)methane	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Bis(2-chloroethyl)ether	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Bis(2-chloroisopropyl)ether	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Bis(2-ethylhexyl)phthalate	NA	NA	0.065	JD	NT		0.044	U	0.18	D	
Caprolactam	NA	NA	0.095	U	NT		0.088	U	0.098	U	
Carbazole	NA	NA	0.069	JD	NT		0.044	U	0.75	D	
Chrysene	1	3.9	0.36	D	0.6	U	0.044	U	8.83	D	
Dibenzo(a,h)anthracene	0.33	0.33	0.13	D	0.6	U	0.044	U	1.91	D	
Dibenzofuran	NA	NA	0.048	U	NT		0.044	U	0.32	D	
Diethyl phthalate	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Dimethyl phthalate	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Di-n-butyl phthalate	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Di-n-octyl phthalate	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Fluoranthene	100	100	0.77	D	0.6	U	0.044	U	15.9	D	
Fluorene	30	100	0.048	U	2.84	D	0.044	U	0.54	D	
Hexachlorobenzene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Hexachlorobutadiene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Hexachlorocyclopentadiene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Hexachloroethane	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.22	D	0.6	U	0.044	U	2.57	D	
Isophorone	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Naphthalene	12	100	0.048	U	2.01	D	0.044	U	0.049	U	
Nitrobenzene	NA	NA	0.048	U	NT		0.044	U	0.049	U	
N-Nitrosodimethylamine	NA	NA	0.048	U	NT		0.044	U	0.049	U	
N-nitroso-di-n-propylamine	NA	NA	0.048	U	NT		0.044	U	0.049	U	
N-Nitrosodiphenylamine	NA	NA	0.048	U	NT		0.044	U	0.049	U	
Pentachlorophenol	0.8	6.7	0.048	U	NT		0.044	U	0.049	U	
Phenanthrene	100	100	0.5	D	5.28	D	0.044	U	9.8	D	
Phenol	0.33	100	0.048	U	NT		0.044	U	0.049	U	
Pyrene	100	100	0.58	D	0.74	JD	0.044	U	12.5	D	
Total SVOCs	NA	NA	4,194		26.77	**	0		88,797		

Analyte Detected  
 Analyte Above UUSCO  
 Analyte Above RRUSCO  
 \*\* = total PAHs only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: SVOCs in Soils

All data in mg/Kg (ppm)												
U= Not Detected ≥ indicated value												
Data above SCOs shown in Bold												
Sample ID		2SB-01 14-16		2SB-03 0-2		2SB-03 14-16		SB-01 0-2		SB-02 0-2		
Sample Date		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2015-12-14)		(2015-12-14)		
Dilution Factor		2		2		2		2		2		
SVOCs, B270	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1'-Biphenyl	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
1,2,4,5-Tetrachlorobenzene	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
1,2,4-Trichlorobenzene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
1,2-Dichlorobenzene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
1,3-Dichlorobenzene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
1,4-Dichlorobenzene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2,3,4,6-Tetrachlorophenol	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
2,4,5-Trichlorophenol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2,4,6-Trichlorophenol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2,4-Dichlorophenol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2,4-Dimethylphenol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2,4-Dinitrophenol	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
2,4-Dinitrotoluene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2,6-Dinitrotoluene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2-Chloronaphthalene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2-Chlorophenol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
2-Methylnaphthalene	NA	NA	0.045	U	0.049	U	0.045	U	0.048	U	0.048	U
2-Methylphenol	0.33	100	0.045	U	0.049	U	0.045	U	NT		NT	
2-Nitroaniline	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
2-Nitrophenol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
3- & 4-Methylphenols	0.33	100	0.045	U	0.049	U	0.045	U	NT		NT	
3,3'-Dichlorobenzidine	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
3-Nitroaniline	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
4,6-Dinitro-2-methylphenol	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
4-Bromophenyl phenyl ether	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
4-Chloro-3-methylphenol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
4-Chloroaniline	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
4-Chlorophenyl phenyl ether	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
4-Nitroaniline	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
4-Nitrophenol	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
Acenaphthene	20	100	0.045	U	0.049	U	0.045	U	0.19	D	0.048	U
Acenaphthylene	100	100	0.045	U	0.049	U	0.045	U	0.048	U	0.048	U
Acetophenone	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Aniline	NA	NA	0.18	U	0.2	U	0.18	U	NT		NT	
Anthracene	100	100	0.045	U	0.06	JD	0.045	U	0.43	D	0.1	D
Atrazine	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Benzaldehyde	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Benzo(a)anthracene	1	1	0.045	U	0.28	D	0.045	U	1.31	D	0.35	D
Benzo(a)pyrene	1	1	0.045	U	0.23	D	0.045	U	0.9	D	0.25	D
Benzo(b)fluoranthene	1	1	0.045	U	0.18	D	0.045	U	0.58	D	0.24	D
Benzo(g,h,i)perylene	100	100	0.045	U	0.17	D	0.045	U	0.27	D	0.09	JD
Benzo(k)fluoranthene	0.8	3.9	0.045	U	0.22	D	0.045	U	1.16	D	0.25	D
Benzoic acid	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Benzyl alcohol	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Benzyl butyl phthalate	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Bis(2-chloroethoxy)methane	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Bis(2-chloroethyl)ether	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Bis(2-chloroisopropyl)ether	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Bis(2-ethylhexyl)phthalate	NA	NA	0.045	U	0.076	JD	0.045	U	NT		NT	
Caprolactam	NA	NA	0.089	U	0.098	U	0.089	U	NT		NT	
Carbazole	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Chrysene	1	3.9	0.045	U	0.29	D	0.045	U	1.52	D	0.46	D
Dibenzo(a,h)anthracene	0.33	0.33	0.045	U	0.093	JD	0.045	U	0.14	D	0.048	U
Dibenzofuran	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Diethyl phthalate	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Dimethyl phthalate	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Di-n-butyl phthalate	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Di-n-octyl phthalate	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Fluoranthene	100	100	0.064	JD	0.59	D	0.045	U	2.22	D	0.7	D
Fluorene	30	100	0.045	U	0.049	U	0.045	U	0.16	D	0.048	U
Hexachlorobenzene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Hexachlorobutadiene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Hexachlorocyclopentadiene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Hexachloroethane	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.045	U	0.17	D	0.045	U	0.25	D	0.095	JD
Isophorone	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Naphthalene	12	100	0.045	U	0.049	U	0.045	U	0.096	JD	0.048	U
Nitrobenzene	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
N-Nitrosodimethylamine	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
N-nitroso-di-n-propylamine	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
N-Nitrosodiphenylamine	NA	NA	0.045	U	0.049	U	0.045	U	NT		NT	
Pentachlorophenol	0.8	6.7	0.045	U	0.049	U	0.045	U	NT		NT	
Phenanthrene	100	100	0.045	U	0.31	D	0.045	U	2.18	D	0.55	D
Phenol	0.33	100	0.045	U	0.049	U	0.045	U	NT		NT	
Pyrene	100	100	0.045	U	0.41	D	0.045	U	2.28	D	0.57	D
Total SVOCs	NA	NA	0.064		3.079		0		13.686	**	3.799	**

Analyte Detected  
 Analyte Above UUSCO  
 Analyte Above RRUSCO  
 \*\* = total PAHs only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: SVOCs in Soils

All data in mg/Kg (ppm)										
U= Not Detected ≥ indicated value										
Data above SCOs shown in <b>Bold</b>										
SVOCs, 8270	UUSCO	RRUSCO	Sample ID		SB-03/04 0-2		SB-05 3-5		SB-06/07 7-9	
			Sample Date		(2015-12-14)		(2015-12-14)		(2015-12-14)	
			Dilution Factor		20		2		50	
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1'-Biphenyl	NA	NA	NT		NT		NT		NT	
1,2,4,5-Tetrachlorobenzene	NA	NA	NT		NT		NT		NT	
1,2,4-Trichlorobenzene	NA	NA	NT		NT		NT		NT	
1,2-Dichlorobenzene	NA	NA	NT		NT		NT		NT	
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	NT		NT		NT		NT	
1,3-Dichlorobenzene	NA	NA	NT		NT		NT		NT	
1,4-Dichlorobenzene	NA	NA	NT		NT		NT		NT	
2,3,4,6-Tetrachlorophenol	NA	NA	NT		NT		NT		NT	
2,4,5-Trichlorophenol	NA	NA	NT		NT		NT		NT	
2,4,6-Trichlorophenol	NA	NA	NT		NT		NT		NT	
2,4-Dichlorophenol	NA	NA	NT		NT		NT		NT	
2,4-Dimethylphenol	NA	NA	NT		NT		NT		NT	
2,4-Dinitrophenol	NA	NA	NT		NT		NT		NT	
2,4-Dinitrotoluene	NA	NA	NT		NT		NT		NT	
2,6-Dinitrotoluene	NA	NA	NT		NT		NT		NT	
2-Chloronaphthalene	NA	NA	NT		NT		NT		NT	
2-Chlorophenol	NA	NA	NT		NT		NT		NT	
2-Methylnaphthalene	NA	NA	0.22	D	0.046	U	7.79	D		
2-Methylphenol	0.33	100	NT		NT		NT		NT	
2-Nitroaniline	NA	NA	NT		NT		NT		NT	
2-Nitrophenol	NA	NA	NT		NT		NT		NT	
3- & 4-Methylphenols	0.33	100	NT		NT		NT		NT	
3,3'-Dichlorobenzidine	NA	NA	NT		NT		NT		NT	
3-Nitroaniline	NA	NA	NT		NT		NT		NT	
4,6-Dinitro-2-methylphenol	NA	NA	NT		NT		NT		NT	
4-Bromophenyl phenyl ether	NA	NA	NT		NT		NT		NT	
4-Chloro-3-methylphenol	NA	NA	NT		NT		NT		NT	
4-Chloroaniline	NA	NA	NT		NT		NT		NT	
4-Chlorophenyl phenyl ether	NA	NA	NT		NT		NT		NT	
4-Nitroaniline	NA	NA	NT		NT		NT		NT	
4-Nitrophenol	NA	NA	NT		NT		NT		NT	
Acenaphthene	20	100	0.66	D	0.17	D	16.9	D		
Acenaphthylene	100	100	0.047	U	0.046	U	0.28	D		
Acetophenone	NA	NA	NT		NT		NT		NT	
Aniline	NA	NA	NT		NT		NT		NT	
Anthracene	100	100	1.27	D	0.26	D	29.1	D		
Atrazine	NA	NA	NT		NT		NT		NT	
Benzaldehyde	NA	NA	NT		NT		NT		NT	
Benzidine	NA	NA	NT		NT		NT		NT	
Benzo(a)anthracene	1	1	2.18	D	0.48	D	31.6	D		
Benzo(a)pyrene	1	1	1.35	D	0.33	D	3.01	D		
Benzo(b)fluoranthene	1	1	1.52	D	0.34	D	13.4	D		
Benzo(g,h,i)perylene	100	100	0.31	D	0.11	D	6.41	D		
Benzo(k)fluoranthene	0.8	3.9	0.94	D	0.35	D	17.2	D		
Benzoic acid	NA	NA	NT		NT		NT		NT	
Benzyl alcohol	NA	NA	NT		NT		NT		NT	
Benzyl butyl phthalate	NA	NA	NT		NT		NT		NT	
Bis(2-chloroethoxy)methane	NA	NA	NT		NT		NT		NT	
Bis(2-chloroethyl)ether	NA	NA	NT		NT		NT		NT	
Bis(2-chloroisopropyl)ether	NA	NA	NT		NT		NT		NT	
Bis(2-ethylhexyl)phthalate	NA	NA	NT		NT		NT		NT	
Caprolactam	NA	NA	NT		NT		NT		NT	
Carbazole	NA	NA	NT		NT		NT		NT	
Chrysene	1	3.9	2.36	D	0.59	D	28.2	D		
Dibenzo(a,h)anthracene	0.33	0.33	0.21	D	0.053	JD	4.26	D		
Dibenzofuran	NA	NA	NT		NT		NT		NT	
Diethyl phthalate	NA	NA	NT		NT		NT		NT	
Dimethyl phthalate	NA	NA	NT		NT		NT		NT	
Di-n-butyl phthalate	NA	NA	NT		NT		NT		NT	
Di-n-octyl phthalate	NA	NA	NT		NT		NT		NT	
Fluoranthene	100	100	8.21	D	1.16	D	61	D		
Fluorene	30	100	0.66	D	0.13	D	20.1	D		
Hexachlorobenzene	NA	NA	NT		NT		NT		NT	
Hexachlorobutadiene	NA	NA	NT		NT		NT		NT	
Hexachlorocyclopentadiene	NA	NA	NT		NT		NT		NT	
Hexachloroethane	NA	NA	NT		NT		NT		NT	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.37	D	0.1	D	6.37	D		
Isophorone	NA	NA	NT		NT		NT		NT	
Naphthalene	12	100	0.49	D	0.11	D	17.2	D		
Nitrobenzene	NA	NA	NT		NT		NT		NT	
N-Nitrosodimethylamine	NA	NA	NT		NT		NT		NT	
N-nitroso-di-n-propylamine	NA	NA	NT		NT		NT		NT	
N-Nitrosodiphenylamine	NA	NA	NT		NT		NT		NT	
Pentachlorophenol	0.8	6.7	NT		NT		NT		NT	
Phenanthrene	100	100	9.36	D	1.29	D	69.2	D		
Phenol	0.33	100	NT		NT		NT		NT	
Pyrene	100	100	8.54	D	0.92	D	49.1	D		
Total SVOCs	NA	NA	38.65	**	6.393	**	381.12	**		

Analyte Detected

Analyte Above UUSCO

Analyte Above RRUSCO

\*\* = total PAHs only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 5: Pesticides and PCBs in Soils**

All data in mg/Kg (ppm) U= Not Detected ≥ indicated value Data above SCOs shown in <b>Bold</b>			Sample ID		2SB-01 0-2		2SB-01 10-10.5		2SB-01 14-16		2SB-02 0-2		2SB-01
			Sample Date		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2016-
			Dilution Factor		5				5		5		5
<b>Pesticides, 8081</b>	<b>UUSCO</b>	<b>RRUSCO</b>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>		
4,4'-DDD	0.0033	13	0.0019	U	NT		0.0017	U	0.021	D	0.0018		
4,4'-DDE	0.0033	8.9	0.011	D	NT		0.0017	U	0.023	D	0.0018		
4,4'-DDT	0.0033	7.9	0.025	D	NT		0.0017	U	0.18	D	0.0018		
Aldrin	0.005	0.097	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
alpha-BHC	0.02	0.48	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
alpha-Chlordane	0.094	4.2	0.004	D	NT		0.0017	U	0.018	D	0.0018		
beta-BHC	0.036	0.36	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Chlordane (total)	NA	NA	0.075	U	NT		0.07	U	0.31	D	0.071		
delta-BHC	0.04	100	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Dieldrin	0.005	0.2	0.0019	U	NT		0.0017	U	0.012	D	0.0018		
Endosulfan I	2.4	24	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Endosulfan II	2.4	24	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Endosulfan sulfate	2.4	24	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Endrin	0.014	11	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Endrin aldehyde	NA	NA	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Endrin ketone	NA	NA	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
gamma-BHC (Lindane)	0.1	1.3	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
gamma-Chlordane	NA	0.54	0.0033	D	NT		0.0017	U	0.02	D	0.0018		
Heptachlor	0.042	2.1	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Heptachlor Epoxide	NA	0.077	0.0019	U	NT		0.0017	U	0.0019	U	0.0018		
Methoxychlor	NA	100	0.0094	U	NT		0.0087	U	0.0097	U	0.0088		
Toxaphene	NA	NA	0.095	U	NT		0.088	U	0.098	U	0.09		

			Sample ID		2SB-01 0-2		2SB-01 10-10.5		2SB-01 14-16		2SB-02 0-2		2SB-01
			Sample Date		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2016-
			Dilution Factor		1		1		1		1		1
<b>PCBs, 8082</b>	<b>UUSCO</b>	<b>RRUSCO</b>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>		
Aroclor 1016	0.1	1.00	0.019	U	0.019	U	0.018	U	0.02	U	0.018		
Aroclor 1221	0.1	1.00	0.019	U	0.019	U	0.018	U	0.02	U	0.018		
Aroclor 1232	0.1	1.00	0.019	U	0.019	U	0.018	U	0.02	U	0.018		
Aroclor 1242	0.1	1.00	0.019	U	0.019	U	0.018	U	0.02	U	0.018		
Aroclor 1248	0.1	1.00	0.019	U	0.019	U	0.018	U	0.02	U	0.018		
Aroclor 1254	0.1	1.00	0.019	U	0.019	U	0.018	U	0.02	U	0.018		
Aroclor 1260	0.1	1.00	0.019	U	0.019	U	0.018	U	0.02	U	0.018		
Aroclor, Total	0.1	1.00	0.025		0.019	U	0.018	U	0.029		0.018		

Analyte Detected

Analyte Above UUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 5: Pesticides and PCBs in Soils**

All data in mg/Kg (ppm)		Sample ID	14-16	2SB-03 0-2		2SB-03 14-16		SB-01 0-2		SB-06/07 7-9	
U= Not Detected ≥ indicated value		Sample Date	05-10)	(2016-05-10)		(2016-05-10)		(2015-12-14)		(2015-12-14)	
Data above SCOs shown in <b>Bold</b>		Dilution Factor		5		5		5		5	
<b>Pesticides, 8081</b>	<b>UUSCO</b>	<b>RRUSCO</b>	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	U	0.0066	D	0.0018	U	0.0019	U	0.0027	D
4,4'-DDE	0.0033	8.9	U	0.031	D	0.0018	U	0.0019	U	0.0025	D
4,4'-DDT	0.0033	7.9	U	0.063	D	0.0018	U	0.0039	D	0.014	D
Aldrin	0.005	0.097	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
alpha-BHC	0.02	0.48	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
alpha-Chlordane	0.094	4.2	U	0.0065	D	0.0018	U	0.0019	U	0.0048	D
beta-BHC	0.036	0.36	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Chlordane (total)	NA	NA	U	0.11	D	0.071	U	0.076	U	0.077	U
delta-BHC	0.04	100	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Dieldrin	0.005	0.2	U	0.0045	D	0.0018	U	0.0019	U	0.0019	U
Endosulfan I	2.4	24	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Endosulfan II	2.4	24	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Endosulfan sulfate	2.4	24	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Endrin	0.014	11	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Endrin aldehyde	NA	NA	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Endrin ketone	NA	NA	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
gamma-BHC (Lindane)	0.1	1.3	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
gamma-Chlordane	NA	0.54	U	0.0047	D	0.0018	U	0.0019	U	0.0039	D
Heptachlor	0.042	2.1	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Heptachlor Epoxide	NA	0.077	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U
Methoxychlor	NA	100	U	0.0097	U	0.0088	U	0.0095	U	0.0097	U
Toxaphene	NA	NA	U	0.098	U	0.089	U	0.097	U	0.098	U

		Sample ID	14-16	2SB-03 0-2		2SB-03 14-16		SB-01 0-2		SB-06/07 7-9	
		Sample Date	05-10)	(2016-05-10)		(2016-05-10)		(2015-12-14)		(2015-12-14)	
		Dilution Factor		1		1		1		1	
<b>PCBs, 8082</b>	<b>UUSCO</b>	<b>RRUSCO</b>	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aroclor 1016	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U
Aroclor 1221	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U
Aroclor 1232	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U
Aroclor 1242	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U
Aroclor 1248	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U
Aroclor 1254	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U
Aroclor 1260	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U
Aroclor, Total	0.1	1.00	U	0.02	U	0.018	U	0.019	U	0.02	U

Analyte Detected

Analyte Above UUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 6: TAL Metals in Soils**

All data in mg/Kg (ppm) U= Not Detected ≥ indicated value Data above SCOs shown in <b>Bold</b>		Sample ID		2SB-01 0-2		2SB-01 10-10.5		2SB-01 14-16		2SB-02 0-2	
		Sample Date		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2016-05-10)	
		Dilution Factor		1		1		1		1	
Metals, 6010 and 7473	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	8,810		NT		4,990		8,280		
Antimony	NA	NA	0.57	U	NT		0.53	U	0.59	U	
Arsenic	13	16	4.09		NT		1.05	U	8.91		
Barium	350	400	174		NT		31.4		282		
Beryllium	7.2	72	0.15		NT		0.11	U	0.14		
Cadmium	2.5	4.3	0.34	U	NT		0.32	U	0.41		
Calcium	NA	NA	7,250		NT		1,270		39,500		
Chromium	30	180	17.2		NT		16.3		21.4		
Cobalt	NA	NA	6.41		NT		5.73		6.53		
Copper	50	270	289		NT		13.1		51.4		
Iron	NA	NA	16,500		NT		17,900		23,000		
Lead	63	400	289		NT		2.78		274		
Magnesium	NA	NA	2,330		NT		1,550		3,280		
Manganese	1,600	2,000	292		NT		316		291		
Mercury	0.18	0.81	0.34		NT		0.032	U	0.45		
Nickel	30	310	16		NT		12.5		14		
Potassium	NA	NA	943		NT		774		1,390		
Selenium	3.9	180	2.9		NT		2.48		2.99		
Silver	2	180	0.57	U	NT		0.53	U	0.59	U	
Sodium	NA	NA	161		NT		165		232		
Thallium	NA	NA	1.14	U	NT		1.05	U	1.18	U	
Vanadium	NA	NA	24.6		NT		27.6		34.8		
Zinc	109	10,000	164		NT		25.7		189		

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 6: TAL Metals in Soils**

All data in mg/Kg (ppm) U= Not Detected ≥ indicated value Data above SCOs shown in <b>Bold</b>		Sample ID		2SB-01 14-16		2SB-03 0-2		2SB-03 14-16		SB-01 0-2	
		Sample Date		(2016-05-10)		(2016-05-10)		(2016-05-10)		(2015-12-14)	
		Dilution Factor		1		1		1		1	
Metals, 6010 and 7473	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	6,020		12,000		5,250		8,630		
Antimony	NA	NA	0.54	U	0.59	U	0.54	U	0.58	U	
Arsenic	13	16	2.76		5.93		1.68		9.13		
Barium	350	400	59.6		216		37.8		<b>543</b>		
Beryllium	7.2	72	0.11	U	0.33		0.11	U	0.12	U	
Cadmium	2.5	4.3	0.32	U	0.35	U	0.32	U	1.27		
Calcium	NA	NA	1,210		26,000		1,670		19,400		
Chromium	30	180	13.3		19		14.6		19.5		
Cobalt	NA	NA	5.85		5.06		5.16		7.55		
Copper	50	270	13.1		13.9		12		52.8		
Iron	NA	NA	14,900		17,500		14,700		18,700		
Lead	63	400	4.88		159		3.33		<b>788</b>		
Magnesium	NA	NA	1,670		3,430		1,290		1,870		
Manganese	1,600	2,000	254		254		320		418		
Mercury	0.18	0.81	0.032	U	0.22		0.032	U	<b>1.75</b>		
Nickel	30	310	13.3		11.3		14.1		16.9		
Potassium	NA	NA	962		1,840		722		666		
Selenium	3.9	180	1.82		1.18	U	1.36		2.03		
Silver	2	180	0.54	U	0.59	U	0.54	U	0.58	U	
Sodium	NA	NA	122		423		123		196		
Thallium	NA	NA	1.07	U	1.18	U	1.07	U	1.16	U	
Vanadium	NA	NA	27.7		31.4		23.6		28		
Zinc	109	10,000	22		121		18.4		327		

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 6: TAL Metals in Soils**

All data in mg/Kg (ppm) U= Not Detected ≥ indicated value Data above SCOs shown in <b>Bold</b>		Sample ID		SB-02 0-2		SB-03/04 0-2		SB-05 3-5		SB-06/07 7-9	
		Sample Date		(2015-12-14)		(2015-12-14)		(2015-12-14)		(2015-12-14)	
		Dilution Factor		1		1		1		1	
Metals, 6010 and 7473	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	8,210		9,960		8,520		7,060		
Antimony	NA	NA	0.57	U	0.57	U	0.75		0.9		
Arsenic	13	16	3.03		2.41		5.97		9.05		
Barium	350	400	152		92.8		<b>635</b>		317		
Beryllium	7.2	72	0.11	U	0.11	U	0.11	U	0.12	U	
Cadmium	2.5	4.3	0.34	U	0.34	U	1.16		0.57		
Calcium	NA	NA	8,530		3,980		26,500		35,600		
Chromium	30	180	18.5		17.3		20.1		29.2		
Cobalt	NA	NA	7.68		7.57		7.4		8.08		
Copper	50	270	158		45.8		71.3		62.7		
Iron	NA	NA	17,200		17,600		19,300		34,100		
Lead	63	400	229		99.6		<b>909</b>		<b>1,010</b>		
Magnesium	NA	NA	2,500		2,230		3,050		3,110		
Manganese	1,600	2,000	338		399		350		280		
Mercury	0.18	0.81	0.27		0.11		0.38		<b>1.04</b>		
Nickel	30	310	16.6		13.9		20.8		18.7		
Potassium	NA	NA	833		596		848		914		
Selenium	3.9	180	1.14	U	1.13	U	1.87		2.96		
Silver	2	180	0.57	U	0.57	U	0.56	U	0.59	U	
Sodium	NA	NA	86.9		167		196		288		
Thallium	NA	NA	1.14	U	1.13	U	1.11	U	1.17	U	
Vanadium	NA	NA	26.1		24.6		33.6		24.9		
Zinc	109	10,000	208		85.7		1,110		269		

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 7: VOCs in Soil Vapor**  
**OER Project Number: 16TEMP014K**

All data in $\mu\text{g}/\text{m}^3$ U= Not Detected $\geq$ indicated value Data above AGVs shown in <b>Bold</b>	Sample ID	2SV-01		SV-01		SV-02		SV-03	
	Sample Date	(2016-05-10)		(2015-12-14)		(2015-12-14)		(2015-12-14)	
	Dilution Factor	22.9		1.833		2.016		2.191	
	VOCs, TO-15	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1,2-Tetrachloroethane	16	U	1.3	U	1.4	U	1.5	U	
1,1,1-Trichloroethane	12	U	1	U	1.1	U	2	D	
1,1,2,2-Tetrachloroethane	16	U	1.3	U	1.4	U	1.5	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	18	U	1.4	U	1.5	U	1.7	U	
1,1,2-Trichloroethane	12	U	1	U	1.1	U	1.2	U	
1,1-Dichloroethane	9.3	U	0.74	U	0.82	U	0.89	U	
1,1-Dichloroethene	9.1	U	0.73	U	0.8	U	0.87	U	
1,2,4-Trichlorobenzene	17	U	1.4	U	1.5	U	1.6	U	
1,2,4-Trimethylbenzene	11	U	1.6	D	0.99	U	1.1	U	
1,2-Dibromoethane	18	U	1.4	U	1.5	U	1.7	U	
1,2-Dichlorobenzene	14	U	1.1	U	1.2	U	1.3	U	
1,2-Dichloroethane	9.3	U	0.74	U	0.82	U	0.89	U	
1,2-Dichloropropane	11	U	0.85	U	0.93	U	1	U	
1,2-Dichlorotetrafluoroethane	16	U	1.3	U	1.4	U	1.5	U	
1,3,5-Trimethylbenzene	11	U	0.9	U	0.99	U	1.1	U	
1,3-Butadiene	15	U	2.4	U	11	D	2.8	U	
1,3-Dichlorobenzene	14	U	1.1	U	1.2	U	1.3	U	
1,3-Dichloropropane	11	U	0.85	U	0.93	U	1	U	
1,4-Dichlorobenzene	14	U	1.1	U	1.2	U	1.3	U	
1,4-Dioxane	17	U	1.3	U	1.5	U	1.6	U	
2-Butanone	250	D	70	D	120	D	86	D	
2-Hexanone	33	D	16	D	24	D	19	D	
3-Chloropropene	36	U	2.9	U	3.2	U	3.4	U	
4-Methyl-2-pentanone	9.4	U	5.6	D	7.8	D	3.5	D	
Acetone	65	D	22	D	56	D	34	D	
Acrylonitrile	5	U	0.4	U	0.44	U	0.48	U	
Benzene	7.3	U	0.59	U	3.7	D	1.3	D	
Benzyl chloride	12	U	0.95	U	1	U	1.1	U	
Bromodichloromethane	15	U	1.1	U	1.3	U	1.4	U	
Bromoform	24	U	1.9	U	2.1	U	2.3	U	
Bromomethane	8.9	U	0.71	U	0.78	U	0.85	U	
Carbon disulfide	7.1	U	15	D	18	D	8.2	D	
Carbon tetrachloride	3.6	U	0.29	U	0.32	U	0.34	U	
Chlorobenzene	11	U	0.84	U	0.93	U	1	U	
Chloroethane	6	U	0.48	U	0.53	U	0.58	U	
Chloroform	11	U	0.89	U	0.98	U	1.1	U	
Chloromethane	4.7	U	0.38	U	0.42	U	0.45	U	
cis-1,2-Dichloroethene	9.1	U	0.73	U	0.8	U	0.87	U	
cis-1,3-Dichloropropene	10	U	0.83	U	0.91	U	0.99	U	
Cyclohexane	7.9	U	0.63	U	1.7	D	0.75	U	
Dibromochloromethane	20	U	1.5	U	1.6	U	1.8	U	
Dichlorodifluoromethane	11	U	2.7	D	2.3	D	2.8	D	
Ethyl Acetate	17	U	1.3	U	1.5	U	1.6	U	
Ethylbenzene	9.9	U	1.1	D	5.2	D	3.1	D	
Hexachlorobutadiene	24	U	2	U	2.2	U	2.3	U	
Isopropanol	11	U	0.9	U	2.4	D	1.2	D	
Methyl Methacrylate	9.4	U	0.75	U	0.83	U	0.9	U	
Methyl tert butyl ether	8.3	U	0.66	U	0.73	U	0.79	U	
Methylene chloride	16	U	1.3	U	1.4	U	1.5	U	
n-Heptane	9.4	U	11	D	0.83	U	0.9	U	
n-Hexane	10	D	29	D	92	D	1.8	D	
o-Xylene	9.9	U	1.4	D	2.3	D	1.2	D	
p/m-Xylene	20	U	3.1	D	4.9	D	2.5	D	
p-Ethyltoluene	11	U	1.4	D	0.99	U	1.1	U	
Propylene	230	D	0.32	U	0.35	U	0.38	U	
Styrene	9.8	U	0.78	U	0.86	U	0.93	U	
Tetrachloroethene	31	D	4.5	D	11	D	22	D	
Tetrahydrofuran	14	U	1.1	U	1.2	U	2	D	
Toluene	8.6	U	2.7	D	5.6	D	1.9	D	
trans-1,2-Dichloroethene	9.1	U	0.73	U	0.8	U	0.87	U	
trans-1,3-Dichloropropene	10	U	0.83	U	0.91	U	0.99	U	
Trichloroethene	3.1	U	0.25	U	0.27	U	0.29	U	
Trichlorofluoromethane	13	U	12	D	3.6	D	6.9	D	
Vinyl acetate	8.1	U	0.65	U	0.71	U	0.77	U	
Vinyl bromide	10	U	0.8	U	0.88	U	0.96	U	
Vinyl chloride	5.9	U	0.47	U	0.52	U	0.56	U	

Detected concentrations  
 Relatively elevated concentrations

Notes: NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank



Ecosystems Strategies, Inc.

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**APPENDIX A**

***Impact Environmental Phase I ESA***

# **Phase I Environmental Site Assessment**

**September 24, 2015**

*conducted at:*

**Multiple Addresses in Bedford Stuyvesant**

**Brooklyn, New York**

**New York City Tax Map Designation:** Block 1641, Lot 68; and Block 1852, Lots 8-9

*prepared for:*

**ELH Management**

**98 Rockwell Place**

**Brooklyn, New York 11217**

*report user:*

**ELH Management**

**98 Rockwell Place**

**Brooklyn, New York 11217**

**IE Project # 8200**



**IMPACT ENVIRONMENTAL | 170 Keyland Court | Bohemia | New York | 11716 | 631.269.8800**

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**Document Distribution**

ELH Management	User	Electronic PDF
Impact Environmental Corporate Records	Preparer	Electronic PDF

## 1 EXECUTIVE SUMMARY

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Impact Environmental Closures, Inc. (“Impact Environmental”) has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 *Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process* of three (3) separate addresses, of which two (2) are contiguous, in Bedford Stuyvesant, Brooklyn, New York (identified herein as “The Sites” and individually identified as “subject property”), under contract to by ELH Management (“The Client”). Any exceptions to, or deletions from this practice are described in Section 2.2 of this report.

The Sites consist of three (3) separate addresses, including:

- 633 Madison Street (Block 1641, Lot 68)
- 461 and 463 Tompkins Avenue (Block 1852, Lots 8-9)

The Sites are situated in areas comprised primarily of residential properties in the Bedford Stuyvesant area of Brooklyn (see Site Location Map – Plate 1). According to the Property Detail Report provided by CoreLogic RealQuest, the Sites are located within R6A and R6B zoning districts (see Appendix A).

The extent of each subject property ranges from 0.05-to-0.06 acres in size. The Sites were observed with discarded miscellaneous debris and refuse, exposed soils, and natural scrub vegetation. No permanent structures were present at the Sites.

Storm drains, sewer locations (if any), water connections, and gas and electricity hookups at the Sites were not visible. However, it appears that all utilities are available on the adjacent roadways. No chemical storage, transformers, Underground Storage Tanks (USTs), aboveground storage tanks (ASTs), staining, or drainage structures were visible during the site inspections in accessible areas.

A review of historic Sanborn maps indicates the Sites were developed with multi-story residential and commercial buildings as of 1888. According to historic Sanborn maps, the subject property at 461 Tompkins Ave. has been vacant since at least 1951. According to the New York City Department of Buildings (NYCDOB) records, the subject properties at 463 Tompkins Ave. and 633 Madison St. were developed with residential dwellings in 1888 and demolished in 1991 and 1993, respectively.

This assessment has revealed no evidence Controlled Recognized Environmental Conditions (CRECs) or Historic Recognized Environmental Conditions (HRECs) associated with the Site. However, this assessment has revealed evidence of a Recognized Environmental Condition (REC) and Business Environmental Risks (BERs) / De Minimis

Conditions associated with the Site. Accordingly, additional activities are recommended to further define the environmental quality of the Site and should be addressed, as applicable. A brief description is provided below:

This assessment revealed evidence of a Recognized Environmental Condition (REC) associated with the Site:

1. A dry cleaning business currently operating as Joe's Professional Cleaners is located 92 feet south of 461-463 Tompkins Avenue. The referenced property has operated as a dry cleaning business since at least 1965 according to historic Sanborn maps. The property is listed under "G & J Dry Cleaners" as a small quantity generator in the TT report (see Map ID #165). Historic dry cleaning operations dating back to 1965 may have used a variety of chemical solvents, including carbon tetrachloride, perchloroethylene (PERC), trichloroethene (TCE) and 1,1,1-trichloroethane (1,1,1-TCA). These chemicals when released into the sub-surface, whether deliberate or inadvertently, pose a significant threat to the environment and/or human health. Although no regulatory database listings, NYSDEC spill listings or available records indicate that the aforementioned business had a discharge or release of chemical materials, dry cleaning activities at the property occurred during a period that predates environmental regulatory oversight regarding hazardous substance storage activities, chemical spills, reporting requirements, and cleanup requirements. As such, the potential for historic undocumented spills, releases or discharges to the underlying subsurface exists. Due to the property's close proximity to the Site and hydrologic position (upgradient), it is recommended that a limited soil-vapor intrusion investigation be conducted at 461-463 Tompkins Avenue to determine if contamination is present that may pose a vapor intrusion risk or indicate soil and/or groundwater contamination at the Site.

The following Business Environmental Conditions (BERs) / De Minimis Conditions were identified:

1. Excavation activities associated with the redevelopment of the Site may encounter the presence of structures related to former buildings (i.e. undocumented fuel oil USTs) and/or urban fill material that may require specialized disposal under applicable regulations. Urban fill found throughout the New York metropolitan area is considered a regulated waste in the State of New York and is therefore required to be managed in accordance with the State Solid Waste Regulations. This would require that all impacted soils be excavated, handled, transported and disposed of in accordance with a Waste Material Handling Plan. If any buried storage tanks are identified during redevelopment, they should be properly abandoned or removed in accordance with applicable local and state regulations.
2. All debris observed on the Site should be removed from the premises and disposed of in accordance with the New York State solid waste regulations (6 NYCRR Part 360).

## 2 INTRODUCTION

---

### 2.1 Purpose

This assessment is intended, where applicable to the standard of care, to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-13. Banks, insurance companies, and prospective property purchasers require an understanding of existing and past property conditions and uses in order to assess the potential liabilities associated with a property. This assessment has been completed by a qualified environmental professional as defined in ASTM Standards.

This report is not intended to present any legal opinions. The data and all conclusions presented in this report should be verified by the Client's and User's legal counsel.

The objectives of this Environmental Site Assessment are stated as follows:

- Establish a basis of understanding of the past and present land uses of the Site in order to identify potential environmental and/or public health risks.
- Establish a basis of understanding of the past and present surrounding land uses and environmental resources in order to determine their impact on the environmental quality of the Site.
- Constitute an all appropriate inquiry suitable for establishing innocent landowner, contiguous property owner, or bona fide prospective purchaser (also referred to as "land owner liability protections" or "LLPs") pursuant to 42 U.S.C. § 9601 (35) (B) and the Brownfield Revitalization and Environmental Restoration Act of 2001 (Brownfield Act).
- Provide information that can be used to evaluate CERCLA liability and "good neighbor" responsibilities for contaminants migrating onto or under the Site from contiguous properties in consideration of the Brownfield Act.
- Identify, to the extent feasible, *recognized environmental conditions* (RECs) in connection with the Site and surrounding properties. The term *recognized environmental conditions* means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions indicative of a material threat of a future release to the environment. The term is not intended to include de minimus 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 minimus are not recognized environmental conditions.

## 2.2 Limitations and Exceptions

This Phase I Environmental Site Assessment was conducted solely to permit Impact Environmental to render a professional opinion about the likelihood of regulated contaminants being present on, in, or beneath the Site in question at the time services were conducted. No matter how thorough a Phase I Environmental Site Assessment study may be, findings derived from its conduct are limited, and Impact Environmental cannot know or state for an absolute fact that a site, or a portion of the site, is unaffected by reportable quantities of regulated contaminants. Furthermore, even if Impact Environmental believes that reportable quantities of regulated contaminants are not present, there still exists a risk that such contaminants may be present or may migrate to the site after the study is complete. This assessment is dated, and is only valid for activities that occurred prior to the date of the site visit. Activities, liabilities, and alterations to the Site subsequent to the date of the site visit are not included in the assessment.

ASTM has developed a variety of prescriptive professional practice standards (standard practices and standard guides), identify specific methods professionals could or should use to attain results. Such prescriptive professional practice standards fail to consider the unique needs of a client, the client's project-specific expectations, or the requirements and obligations of the professionals engaged to provide service, nor do they consider more effective techniques that may have been developed subsequent to the issuance of such standards. These ASTM standards are generic and general in nature and, therefore, do not always constitute, nor are they tantamount to the applicable standard of care, which necessarily is defined and must consider project-specific contractual terms and other particular needs, expectations, circumstances, and requirements of the project and the professional engagement. Full adherence to ASTM's prescriptive professional practice standards may not be appropriate or in the best interests of the client or the project Impact Environmental's instruments of service. Impact Environmental has worked to develop a scope of service specifically for this project, in accordance with client's needs and preferences and Impact Environmental's professional and contractual obligations.

The ASTM Standards provide specific guidance with regard to radon, asbestos, lead in drinking water, lead based paint, and polychlorinated biphenyls (PCBs). Analysis of the CERCLA implications with regard to the innocent landowner defense under Superfund finds that naturally occurring radon is not subject to CERCLA liability and is appropriately considered as a non-scope issue. Accordingly, this assessment will only provide general guidance on this issue, and will not involve or recommend air monitoring for radon gas.

Similarly, the ASTM Standards do not recognize liability with regard to asbestos that is part of the building materials of a structure, in accordance with CERCLA innocent landowner defense under Superfund. In the interest of serving the client and addressing the needs of the *user*, this assessment will identify possible observed asbestos containing materials (ACMs), may pose a health threat. This assessment is not a full asbestos survey as would be required for building demolition, or identification of all possible sources of ACM, regardless of health danger.

Lead in drinking water and lead based paint are also issues that are considered to be non-scope under CERCLA innocent landowner defense under Superfund. Lead based paint was in use for many years, and it is likely that many older

buildings will have surfaces coated with lead based paint. As a general rule, painted surfaces should be maintained and ingestion of paint products should be avoided. If disposal of these materials were involved, disclosure of this practice would be subject to the scope of this environmental assessment. In the interest of serving the user, this report may include limited field-testing of surface paints and the observations on the condition of the painted surfaces. Lead in drinking water generally occurs as a result of past use of high lead content solder. Water left stagnant in pipes overnight or longer may leach lead from these joints and affect drinking water quality. As a general rule, water should be run for several minutes in the morning where such plumbing may be present.

This assessment will not identify all potential sources of PCB containing oils. Common sources of these materials include transformers and fluorescent lamp ballasts. Electric service transformers may include ground level or pole mounted units. These transformers are owned and maintained by regional public utilities. Transformers are inventoried and periodically inspected. Public utility company representatives have reported that transformers were not manufactured to contain PCB contaminated oils. Aggressive and destructive testing, which would be required for definitive identification of PCB containing oils, is beyond the scope of this study.

In addition to these non-scope considerations, ASTM also lists other issues that are beyond the scope of the standard practice for Phase I Environmental Site Assessments. These include vapor intrusion assessments, wetlands, biological agents, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality (*releases of hazardous substances and/or petroleum products into the environment are included under the scope of this assessment*), molds, urban fill containing non-point source related contaminants and high voltage power-lines. However, it is noted that this list is not intended to be all-inclusive. Identification and interpretation of several of these issues will be addressed by Impact Environmental as necessary to meet the standard of care.

It must be noted that the accuracy of any assessment is limited to the information available during the time of the site visit; the records, files, and drawings provided by the owner and released by governmental agencies; and the accuracy and completeness of the information provided during interviews.

### **2.3 Special Terms and Conditions**

It is the responsibility of the *user* of this report (the party seeking to use this Environmental Site Assessment; i.e., the purchaser, lender, owner, potential tenant, or property manager) to provide certain information utilized in the report. This would include reporting of any *environmental liens* (for example, consideration against the property for response action, cleanup, or remediation of hazardous substances or petroleum products) encumbering the property or specialized knowledge or experience that would assist in identifying *recognized environmental conditions*.

The standard of care is uniform in each Phase I Environmental Site Assessment (ESA); however, the availability of information, relevance, and quality of information can vary. As per ASTM Standards, the "*environmental professional* is

not required to verify independently the information provided, but may rely on information provided unless he or she has actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I ESA or otherwise actually known to the environmental professional." Personnel involved in report preparation will make judgments on the accuracy of *user* provided information and conduct additional research as necessary in order to meet the requirement of identifying *recognized environmental conditions* on the Site.

ASTM provides a number of standard sources of historic information. Impact Environmental will seek to research historic information as may be available as a means of cross confirmation. According to ASTM's Standard Practice for Environmental Site Assessments (E 1527-13), the "environmental professional is required to review only record information that is *reasonably ascertainable*," whereby *reasonably ascertainable* is defined as:

- Information that is *publicly available*.
- Information that is obtainable from its source within *reasonable time* and cost constraints.
- Information that is *practically reviewable*.
- If the review is permitted by the source within 20 days of request.

ASTM defines *reasonable time and cost constraints* as information being provided by the source within twenty calendar days of receiving a written, telephone, or in-person request at no more than a nominal cost intended to cover the source's cost of retrieving and duplicating the information. *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 of irrelevant data." Publicly available means "that the source of the information allows access to the information to anyone upon request."

Based on ASTM Standards, the Phase I ESA is not intended to include any sampling and analysis of materials associated with the Site (i.e., soil, water, air, or building materials). However, if it has been noted by Impact Environmental that certain non-scope issues may be of concern to the *user*, a limited sampling and analysis program may be included under the scope of this assessment (lead surface paints and friable asbestos). Radon test results published by the USEPA Office of Radiation and Indoor Air in conjunction with the USGS were reviewed in lieu of sampling.

## **2.4 User Reliance**

This assessment was performed at the request of ELH Management utilizing methods and procedures consistent with good commercial or customary practices. This assessment is intended, where applicable to the standard of care, to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-13. The independent conclusions represent the best professional judgment of the Environmental Professional based on the conditions that existed and the information and data available to Impact Environmental during the course of this assignment. Factual information regarding operations and conditions provided by the client, owner, or the representative has been assumed to be correct and complete. The report may be distributed and relied upon by ELH Management Reliance on the information and conclusions presented in this report by other party(ies) is not authorized by Impact Environmental. ELH Management and its affiliates, rating agencies and/or a limited number of investors involved in the transaction, may use and rely upon Consultants report in connection with a planned loan involving the subject property, including, without limitation, utilizing selected information in the Report relating to the loan. Impact Environmental agrees to cooperate in answering questions by any of the above parties in connection with the transaction.

### 3 SITE DESCRIPTION

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The Phase I Environmental Site Assessment (ESA) was performed at three (3) separate addresses, of which two (2) are contiguous, in Bedford Stuyvesant, Brooklyn, New York (identified herein as “The Sites” and individually identified as “subject property”). The Sites consist of three (3) separate addresses, including:

- 633 Madison Street (Block 1641, Lot 68)
- 461, 463 Tompkins Avenue (Block 1852, Lots 8-9)

The Sites are situated in areas comprised primarily of residential properties in the Bedford Stuyvesant area of Brooklyn (see **Site Location Map – Plate 1**). According to the Property Detail Report provided by CoreLogic RealQuest, the Sites are located within R6A and R6B zoning districts (see **Appendix A**).

The extent of each subject property lot size ranges from 2000-to-2,500 square feet.. The Sites were observed with discarded miscellaneous debris and refuse, exposed soils, and natural scrub vegetation. No permanent structures were present at the Sites.

Storm drains, sewer locations (if any), water connections, and gas and electricity hookups at the Sites were not visible. However, it appears that all utilities are available on the adjacent roadways. No chemical storage, transformers, Underground Storage Tanks (USTs), aboveground storage tanks (ASTs), staining, or drainage structures were visible during the site inspections in accessible areas.

#### 3.1 Topography

The Pleistocene glaciation created the hilly Ronkonkoma moraine along Long Island's "spine" and south fork, and the Harbor Hill Moraine along the North shore and the North fork (see Figure 1). Erosion of these morainal deposits (as the glacier melted away from Long Island) created extensive outwash plains of sand and gravel in the intermorainal area and south to the Atlantic Ocean. These highly permeable deposits comprise the upper glacial aquifer and represent the majority of Long Island's surficial sediments. Some local confining clay units were also formed from glacial materials in intermorainal lakes and tidal lagoons. Since the end of glaciation, about 12,000 years ago, Holocene beach and marsh deposits have been formed along the marine edge, and within stream corridors and ponds. The elevation of the Sites, as presented on the United States Geologic Survey (USGS), Brooklyn Quadrangle Map ranges between approximately 57-67 feet above sea level. The USGS Map, which was base dated 1983, photorevised in 2013, did not depict a structure at the Sites (the Sites are situated within an area in which only landmark buildings were mapped). The **Topographic Map** is included as **Plate 2**. The Site exhibits relatively flat topography, and no surface water bodies are located on, or directly adjacent to, the Site.

### **3.2 Subsurface Geology**

The geology of Long Island consists of thick deposits of unconsolidated, water bearing sediments resting upon a relatively impermeable, crystalline bedrock surface. The sequence of events that shaped Long Island's geology is not known with certainty, but it probably began with the formation of the original basement rocks in early Paleozoic to Precambrian time. These basement rocks were heated and compressed (metamorphosed) by folding and faulting, producing a rugged, mountainous topography. During the subsequent period ending with the late Cretaceous Epoch 100 million years ago, erosion reduced the land to a nearly planer surface that gently tilted to the southeast.

During the late Cretaceous Epoch (60-100 million years ago), streams brought sediments from the north and the west to the Long Island area on the continental margin, forming a permeable sand layer (Lloyd Sand Member of the Raritan Formation) and overlying clay member (clay member of the Raritan Formation) upon the bedrock surface. After a short period of erosion or non-deposition, thick, permeable beds of river delta clay, sand, and gravel were deposited on the Raritan Formation; these deposits comprise the Magothy Aquifer. Toward the close of the Late Cretaceous period (approximately 60 million years ago), a sand and clay unit (Monmouth Group) of low permeability was deposited in shallow marine waters in the area that now constitutes Long Island's south shore.

A long period of non-deposition, or possibly deposition followed by erosion, occurred after the Cretaceous era. Geologic activities during this time left few sedimentary traces, but streams flowing across Long Island cut deep valleys into the Magothy. It was not until late Pleistocene (Wisconsinian) glaciation- some 20 to 200 thousand years ago- that there were any significant additions to Long Island's geologic record. Valleys were filled and the other deposits were almost completely buried by glacial deposits. Prior to the southward movement of the Pleistocene ice sheets to Long Island, an extensive clay unit (Gardiners Clay) was deposited in shallow marine and brackish waters along the shores of what is now Suffolk County. This unit rested upon the Magothy and Monmouth Group, and acted as a confining layer. The northern portions of the Gardiners were subsequently eroded by advancing ice and glacial meltwaters, and Gardiners Clay beds are now found only in the south shore area.

### **3.3 Soil Component Identification**

The Site lies within an area classified as Urban Land. This soil type consists of urbanized areas where the majority of the surface is covered with buildings, roads, driveways, parking lots, and other manmade structures. Further classification of the soils in these areas is impractical.

### **3.4 Hydrology**

Queens and Kings Counties are underlain by two confined aquifers, the Magothy and the Lloyd, that have similar physical and chemical characteristics. A third aquifer, known as Upper Glacial, overlies portions of the Magothy and the Lloyd. The system these aquifers form is termed the Northern Atlantic Coastal Plain Aquifer (see Figure 2). Production from the system is minimal. Industrial production wells generally draw from the Upper Glacial. Potable water used within Queens and Kings Counties is drawn from surface water reservoir systems that have its source off of Long Island (Westchester County). However, there are small portions of Queens that utilize the Magothy for potable water. Production yields from all of these aquifers are very high.

The water quality of the Upper Glacial is impaired in areas due to heavy industrial and commercial development. However, the water quality of the Magothy and Lloyd is excellent due to thickness and horizontal continuity of the confining layers.

On Long Island, water from precipitation that is not evapotranspired or that does not run off in storm drains or streams infiltrates the permeable soil and moves both downward and horizontally through the porous rocks in response to gravitational or withdrawal-induced gradients. A map of the potentiometric surface of each of the principal aquifers represents the pressure surface to which water will rise in tightly cased wells open to the aquifer, and it indicates the general direction of groundwater movement, which is down the hydraulic gradient and generally perpendicular to the potentiometric contours. The potentiometric surfaces of the principle aquifers (circa 1984) are depicted below in Figures 3, 4, and 5. The potentiometric surface of the unconfined upper glacial aquifer is known as the “water table,” which is the top of the saturated zone. Groundwater divides separate the movement of groundwater northward to the Long Island Sound and southward to the Great South Bay and the Atlantic Ocean. Groundwater withdrawals in Kings and Queens Counties have lowered the potentiometric surfaces of both the upper glacial aquifer and the Magothy aquifer, changed their configurations, and produced characteristic cones of depression centered around the areas of withdrawal.

### **3.5 Groundwater Characteristics**

Based upon the topographic map (USGS - Brooklyn Quadrangle) and the “USGS Groundwater Conditions on Long Island” map, groundwater below the site is presumed to flow in a northerly direction. However, on-site groundwater gradients and flow direction cannot be exactly determined without surveying and gauging existing or new groundwater monitoring wells at the Site.

The topographic map indicates the Subject Properties elevation ranges from approximately 57 to 67 feet amsl. The “USGS Groundwater Conditions on Long Island” map indicates that groundwater elevation below the Site is situated at approximately 15 feet amsl. Thus, the estimated regional depth to groundwater at the Sites is approximately 43-to-47 feet below grade surface (bgs).

## 4 SITE VISIT

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A site visit was conducted by Mr. Dan Fruhauf of Impact Environmental on September 23, 2015, to observe and document conditions at the Sites. Impact Environmental was accompanied by Michael Henry of ELH Management. Site photographs are included in **Appendix B**.

### 4.1 Interior Inspection

1. At the time of the inspection, the Sites did not maintain any permanent structures.

### 4.2 Exterior Inspection

The exterior inspection of the Sites revealed the following information relevant to the environmental quality of the Site:

1. There were no USTs or ASTs identified at any of the Sites. No fill ports, vents or other evidence for former fuel oil storage were observed.
2. No electrical transformers suspected of containing PCB-bearing dielectric fluid were observed on the Site.
3. The perimeter of the Sites were encompassed with chain-link fencing.
4. There was no visible evidence of the illegal storage or dumping of asbestos containing materials.
5. The Sites were dominated by moderate to dense vegetative covering during the inspection. All vegetation on the Sites appeared in good condition relative to seasonal parameters.
6. Minor amounts of construction and demolition debris (brick and concrete, etc.) were observed to be discarded at each subject property.
7. There were no stains or other visible evidence of any discharge of hazardous substances on the surface areas of the Sites.
8. The properties at 461 and 463 Tompkins was topographically elevated approximately three feet from the sidewalk and street elevation.

### 4.3 Surrounding Properties

Land uses occurring on the surrounding properties may have an effect on the environmental quality of the Sites. Accordingly, a visual inspection was performed on the properties immediately adjacent to the Sites. The following information was noted.

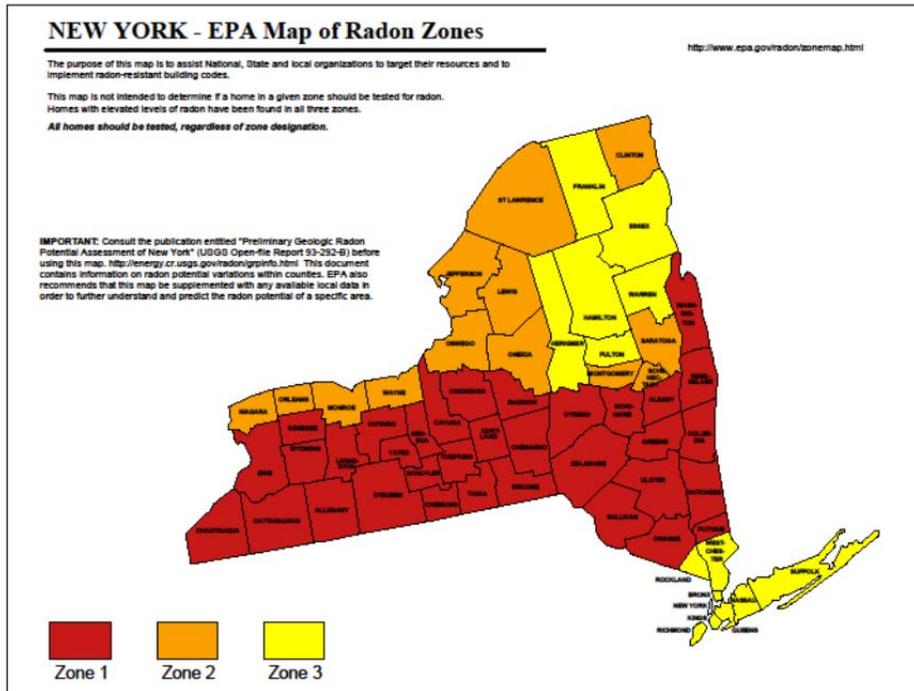
1. None of the surrounding properties for any of the Sites exhibit evidence of any storage, handling, generation or discharge of hazardous substances.

### 4.4 Radon Investigation

Radon is a colorless, odorless, inert gas which has become an air contaminant in certain geographic areas. Radon is a natural isotope which is most commonly present in association with crystalline bedrock and occasionally other geologic deposits. Naturally occurring isotope decay can emit radiation, which when converted to radioactive metal oxide deposits in the lungs, causes health concerns from inhalation. Radon levels generally increase in areas where bedrock is close to the land surface, and generally only creates a health related problem where underground basements are constructed. A basement can allow radon gas to accumulate in a manner that could cause exposure. Geographically, radon may be of concern in certain parts of Queens and points further west. Absent these conditions, radon gas presents less of a concern. The only way to determine concretely if radon gas is present is to perform air monitoring. Said monitoring is beyond the scope of this report.

The EPA issued a publication entitled "Map of Radon Zones dated September 1993". Office of Radiation and indoor Air, in conjunction with the United States Geological Survey (USGS). According to said publication, 1123 sites were tested for indoor radon concentrations in the five boroughs of New York City between the years 1985 and 1993. The following information was revealed (based on an action level for radon of 4 pCi/L).

<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
1.4 pCi/L	95%	5%	0%



## 5 REVIEW OF PROVIDED INFORMATION AND INTERVIEWS

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Impact Environmental requested that the Client provide certain information that is relevant to the environmental quality of the Site; including site history information, recorded land title reports, title reports, environmental liens, Activity and Use Limitations (AULs), specialized knowledge, and previous environmental reports. This information was evaluated by Impact Environmental for this Phase I ESA. The following table summarizes the information that was provided by the client.

Item	User Response
Phase I Questionnaire	Provided
Title Records	Not provided
Environmental Liens or Activity and Use Limitation	No known liens or AULs
Specialized Knowledge	No known specialized knowledge
Valuation Reduction for Environmental Issues	Not applicable
Identification of Key Site Manager	Provided
Reason for Performing Phase I ESA	Provided
Corporate Records	Not provided

### 5.1 Owner, Property Manager, and Occupant Information

The Sites are currently owned and managed by Housing Preservation and Development. Mr. Michael Henry with ELH Management was identified as the key site contact.

### 5.2 Title Records

At the time of this assessment, the Client did not provide any title records for the Site.

### 5.3 Environmental Liens

The Phase I Questionnaire was completed by Mr. Michael Henry, and is included in **Appendix C**. Mr. Henry indicated that he had no knowledge of environmental liens against the Site, or limitations related to the environmental conditions.

### 5.4 Specialized Knowledge

Mr. Henry completed the Phase I Questionnaire on behalf of the Client and reported no specialized knowledge of historic recognized environmental conditions (HRECs), PCBs, or Recognized Environmental Conditions (RECs) in the connection with the Site.

### **5.5 Valuation Reduction for Environmental Issues**

Mr. Henry completed the Phase I Questionnaire and indicated that the Sites and purchase prices reflect fair market value.

### **5.6 Interviews**

No individual having specialized knowledge of the Site was available to conduct an interview with information relevant to the environmental quality of the Site.

### **5.7 Corporate Records**

The Client did not provide corporate records for the Site at this time.

## 6 RECORDS REVIEW

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The federal Freedom of Information Act (FOIA) provides rights of access to all government documents not exempt from disclosure. Accessible records include paper documents and items such as video/audio tape recordings, microfilm, and computer disks. Impact Environmental examined relevant government documentation so as to define implicit parameters affecting the environmental quality of the Site. The appropriate Freedom of Information requests were submitted and are included in the appendix of this document (see **Appendix D**).

Information from standard federal, state, county and local environmental record sources was provided by Toxics Targeting Environmental Report, Inc. (TT) Data from governmental agency lists are updated and integrated into one database, which is periodically updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocode facilities locations. These facilities are listed under the unmappables section within the TT Report (see **Appendix E**).

Regulatory information from the following database sources regarding possible recognized environmental conditions, within the ASTM minimum search distance from the Site was reviewed. Specific facilities are discussed below if determined likely that a potential recognized environmental condition has resulted at the Site Property from the listed facilities.

### 6.1 Federal Environmental Record Review

Impact Environmental submitted a FOIA request to the United States Environmental Protection Agency (USEPA) on August 18, 2015. A response was received on September 9, 2015 indicating no records were found.

#### 6.1.1 National Priorities List (NPL)

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

1. The Sites are not listed as a NPL facility.
2. No NPL site is located within one-mile of the Sites.

### **6.1.2 CERCLIS List**

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

1. The Sites are not listed as a CERCLIS facility.
2. No CERCLIS sites are listed within ½-mile of the Sites.

### **6.1.3 Federal CERCLIS NFRAP Sites List**

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated, and has determined that the facility does not pose a threat to human health or the environment, under the CERCLA framework.

1. The Sites are not listed as a CERCLIS-NFRAP facility.
2. No CERCLIS-NFRAP sites are listed within ½-mile of the Sites.

### **6.1.4 Federal Resource Conservation & Recovery Act (RCRA) CORRACTS Facilities List**

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The CORRACTS database is the EPA's list of treatment storage or disposal facilities subject to corrective action under RCRA.

1. The Sites are not listed as a RCRA CORRACTS TSD facility.
2. No RCRA CORRACTS TSD facilities are listed within one-mile of the Sites.

### **6.1.5 Federal Resource Conservation & Recovery Act (RCRA) TSD Facilities List**

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

1. The Sites are not listed as a RCRA TSD facility.
2. No RCRA TSD sites are listed within ½-mile of the Sites.

### 6.1.6 Federal Resource Conservation & Recovery Act (RCRA) Generator List

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

1. The Sites are not listed as a RCRA facility.
2. One (1) RCRA Generator facility is listed on an adjacent property of 461-463 Tompkins Avenue.

A)

G & J DRY CLEANERS				
471 TOMPKINS AVE BROOKLYN, NY 11216				
(see TT report Map ID#165)				
Located: 92 feet to the S of 463 Tompkins Avenue				
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR				
Facility ID: NYR000046805				
Code	Description	Amount	Transaction type	Year
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.			

3. There are no RCRA Generator facility is listed on an adjacent property of 633 Madison Street.

### 6.1.7 Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported release of oil or hazardous substances.

1. No ERNS sites are listed on the Sites or on the adjacent properties.

## 6.2 State Environmental Record Review

A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC) on August 14, 2015. A response has not been received to date.

### 6.2.1 Inactive Hazardous Waste Disposal Sites

New York's Inactive Hazardous Waste Disposal Site Registry is also known as the State Superfund. According to State authorities, these active or abandoned sites can pose serious environmental or health hazards that require investigation or clean up. Sites include toxic dumps, garbage landfills, factories, dry cleaners or illegal disposal sites that have caused extensive air, water, groundwater or soil contamination.

#### Classification System:

- Class 1 - Causing or presenting an imminent danger of causing irreversible or irreparable damage to public health or the environment - immediate action required.
- Class 2 - Significant threat to the public health or environment - action required.
- Class 2a – This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law.
- Class 3 - Does not present a significant threat to the environment - action may be deferred.
- Class 4 - Site properly closed - requires continual management.
- Class 5 - Site properly closed, no evidence of present or potential adverse impact - no further action required.
- Class D1, D2, D3 – Delisted Site (D1-Hazardous waste not found; D2-Remediated; D3-Consolidated site or site incorrectly listed)

4. The Sites are not listed as a hazardous waste disposal site.
5. There are no sites listed within a ½-mile radius of 461 or 463 Tompkins Avenue that appears in the NYSDEC publication, Hazardous Substance Waste Disposal Site Study.
6. One (1) site located within a ½-mile radius of 633 Madison Street that appears in the NYSDEC publication, Hazardous Substance Waste Disposal Site Study.

A)

192 RALPH AVENUE
192 RALPH AVE BROOKLYN, NY 11233
Located: 2869 feet to the ESE of 633 Madison Street
Facility ID: 224042
Classification: 02
<a href="#">See Appendix for notes</a>
END DATE: 10/18/2013, Status: No Further Action.

### 6.2.2 Hazardous Substance Waste Disposal Sites

These properties often pose serious environmental or health hazards, but they may have been low priorities for investigation or clean up because on-site contamination may not constitute "hazardous waste." Sites include utility coal tar facilities, wood tar sites and properties polluted with petroleum that have caused extensive air, water, groundwater or soil contamination.

1. The Sites are not listed as a hazardous waste disposal site.
2. There are no sites within a ½-mile radius of the Site that appear in the NYSDEC publication, Hazardous Substance Waste Disposal Site Study.

### 6.2.3 Brownfield Sites

These properties are a listing of site that are abandoned, idled, or under-used industrial and commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination. The Voluntary Cleanup Program involves hazardous waste sites that have had their listing in the (above referenced publication) deferred while being investigated and remediated voluntarily under NYSDEC supervision. Coal tar sites may have previously been listed in the publications, but they were removed as a result of a Departmental legal review that revealed that most coal gasification wastes do not meet the New York State definition of hazardous waste. These sites are currently being investigated and remediated in conjunction with the regional utility companies, and it is possible that some of these sites may qualify as hazardous waste sites as information becomes available. In addition, the NYSDEC lists sites that fall under the 1996 Clean Water / Clean Air Bond Act Environmental Restoration Program (Brownfields Program). The Brownfields Program involves sites that are currently vacant or only partially utilized, have an industrial or commercial history, and are suspected or confirmed to have soil and / or groundwater contamination

1. The Sites are not listed as Environmental Restoration Program (Brownfields Program) site.
2. There are no sites listed within a ½-mile radius of 461 or 463 Tompkins Avenue that appear in the NYSDEC Brownfields Cleanup Program.
3. There are four (4) sites within a ½-mile radius of 633 Madison Street that appear in the NYSDEC Brownfields Cleanup Program.

A)

FORMER LEXINGTON LAUNDRY SERVICE 853 LEXINGTON AVENUE BROOKLYN, NY 11221
Located: 1977 feet to the NE of 633 Madison Street
Facility ID: C224180 Classification: A

B)

FORMER MOTOR FREIGHT GARAGE 834 LEXINGTON AVENUE BROOKLYN, NY 11221
Located: 2143 feet to the NE of 633 Madison Street
Facility ID: C224202 Classification: A

C)

FORMER B&Z STEEL EQUIPMENT CO. 1003 GREENE AVENUE BROOKLYN, NY 11221
Located 2199 feet to the NE of 633 Madison Steet
Facility ID: C224195 Classification: A

D)

FORMER GETTY SERVICE STATION NO. 00564 1103-1107 DEKALB AVENUE BROOKLYN, NY 11221
Located: 2508 feet to the N of 633 Madison Street
Facility ID: C224176 Classification: A

4. No sites within a 1/2-mile radius of the Site that appear in the NYSDEC Voluntary Cleanup Program listing.

#### 6.2.4 Historic Utility Facilities

These are power generating structures, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites.

1. The Sites are not listed as an NYSDEC Historic Utility site.
2. There are no sites within a 1/8-mile radius of the Site that appear in the NYSDEC Historic Utility Site listing.

### **6.2.5 Solid Waste Management Facilities**

The NYSDEC maintains a listing of all registered and permitted landfills, transfer stations, and solid waste disposal sites within New York State. A review of this listing has revealed the following information relevant to the environmental quality of the Site:

1. The Sites are not listed as a Solid Waste Management Facility.
2. No sites within a ½-mile radius of the Sites that appear on the listing.

### **6.2.6 State Pollutant Discharge Elimination System Permits (SPDES)**

In 1973, New York passed the State Pollutant Discharge Elimination System (SPDES) Act, which provides for state permits for point source discharges to surface and ground waters. The USEPA delegated authority to NYSDEC to regulate the issuance of all National Pollution Discharge Elimination Systems (NYPES) permits as stipulated under sections 307, 318, 402, and 405 of the Clean Water Act, under the state SPDES program. A review of SPDES permit listings in New York City revealed the following information relevant to the environmental quality of the Site:

1. No SPDES permits are listed for the Site.
2. No SPDES permits are listed for the contiguous with the Site.

### **6.2.7 Major Oil Storage Facilities (MOSF)**

Major Oil Storage Facilities have at least 400,000 gallons of storage capacity (as per Article 12 of the Navigation Law, 6 NYCRR Part 610, and 17 NYCRR Part 30) and often experience leaks, spills or other uncontrolled releases that can cause extensive air, water, groundwater or soil contamination that threatens the environment or the public health. Please note that New York has withheld public release of this database since January 2002.

1. The Sites did not appear on the MOSF listing.
2. There are no sites within a 1/8-mile radius of the Site that appear on the MOSF listing.

### **6.2.8 Chemical Bulk Storage (CBS) Sites**

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. It should be noted that New York has withheld public release of this database since January 2002.

1. The Sites did not appear on the CBS listing.

2. There are no sites within 1/8-mile of the Site that appear on the CBS listing.

### 6.2.9 Petroleum Bulk Storage (PBS) Sites

These are sites with more than a 1,100 gallon capacity for storing petroleum products. It should be noted that New York has withheld public release of this database since January 2002.

1. The Site did not appear on the PBS listing.
2. Seventeen (18) sites are listed on the PBS database within ¼-mile of the all the Sites. No sites are noted to be contiguous with the Sites.

### 6.2.10 Spill Logs

The New York State Department of Environmental Conservation routinely responds to petroleum product spill/discharge incidents so as to perform and/or supervise in their remediation. The agency currently maintains a log (Spill Log) of all reported incidents that have occurred within specific regions of the State of New York. Typical events that would be listed on the log include motor vehicle accidents involving the release of petroleum products; discharges of petroleum products from underground storage tanks; discharges of PCB contaminated oils from electrical transformers; and events involving the abandonment of petroleum products. A review of the NYSDEC Spill Log revealed the following information relevant to the environmental quality of the Site.

1. There are no spills incident listed in the NYSDEC Spill Log as having occurred on the Sites.
2. There are a significant number of spill incidents listed in the NYSDEC Spill Log as having occurred within ½-mile of all the Sites. Accordingly, the *approximate minimum search distance* (as defined by ASTM) was reduced to ¼-mile in order to make the data *practically reviewable*. Eighty five (85) spill incidents are listed in the NYSDEC Spill Log as having occurred within ¼-mile of the all Sites (see Appendix E). Review of these incidents has revealed that fifty nine (59) are listed as having occurred between ¼ to ½-mile and twenty six (26) are listed as having occurred within ⅛-mile.

### **6.3 City Environmental Record Review**

#### **6.3.1 New York City Department of Environmental Protection**

The Bureau of Water Pollution Control and the Bureau of Sewers of the New York City Department of Environmental Protection has put forth the document, Rules and Regulations Relating to the Use of the Public Sewers, Including Sewer Surcharges, pursuant to Section 1403 of the New York City Charter and by Sections 683a4-1.0 through 683a4-19.0, 687-1.0 and 689-1.0 of the Administrative Code of the City of New York and in compliance with Section 1105 of the New York City Charter. This document covers such topics as the disposal of wastewater, stormwater, and groundwater, the materials and substances excluded from public sewers, the toxic substances accepted conditionally, the terms and conditions for the issuance of a permit, the removal, transportation, and disposition of scavenger wastes, and the imposition and computation of sewer surcharge. The New York City DEP was contacted regarding the Site. The following information was made available:

1. A Freedom of Information request was submitted to the NYCDEP on August 14, 2015 for the Sites. A response was received on August 19, 2015 indicating no records were found.

#### **6.3.2 New York City Fire Department**

The New York City Fire Department oftentimes maintains records of underground storage tanks and the storage of hazardous materials. The New York City Fire Department was contacted about the Site and provided the following information:

1. A Freedom of Information request was submitted to the FDNY on August 18, 2015 for the Sites. A response has not yet been received.

#### **6.3.3 New York City Building Department**

The New York City Building Department maintains records regarding permits issued for the construction of a building, renovations of the building, boiler specifications, and violations. The department also maintains a record of those lots with an "E" designation on the Zoning Maps of the Zoning Resolution of the City of New York for potential hazardous material contamination ("haz-mat E lots"), as determined by the NYCDEP. Lots with said designation may not be issued a building permit allowing: 1) any development; 2) an enlargement, extension or change of use involving residential or community facility use; or 3) and enlargement that disturbs the soil on said lot unless and until the Department is provided with a report from DEP stating that the environmental requirements for the lot have been met. The New York City Building Department was contacted about the Site and provided the following information:

1. The Sites are not listed with an "E" designation.
2. The Sites were listed as the following in the NYC Building Department database:

Address	Description	Zoning	Lot Area
633 MADISON STREET	V0 - Vacant Land	R6-B	2,500 sq ft
461 TOMPKINS STREET	V0 - Vacant Land	R6-A	2,000 sq ft
463 TOMPKINS STREET	V0 - Vacant Land	R6-A	2,000 sq ft

3. No Certificates of Occupancy were on file for the Sites.

4. The following Actions were on file for the Sites.

Address	Job Number	Issued Date	Action
633 MADISON STREET	300298292	9/23/1993	Demolition
463 TOMPKINS STREET	300088553	04/04/1991	Demolition

5. No other records of any environmental concerns were on file for the Sites.

## 7 REVIEW OF HISTORIC DATA

### 7.1 Sanborn Maps

The TT Report includes Sanborn Maps, which were historic fire insurance maps that typically documented commercial property use, building structure, and fuel/chemical storage. These maps are updated on a rotating basis. The maps were inspected to determine past uses of the Site and surrounding properties. The Sanborn Maps for the Site revealed the following information see **Appendix F**.

#### 7.1.1 633 Madison Street

Year	Site Historic Uses
1888	The Site appears to maintain a three story dwelling with a two story extension in the rear of the building.
1908	The Site appears to maintain a three story dwelling.
1932, 1951, 1965, 1976 and 1988	The Site appears to maintain a three story dwelling with an auto garage in the rear of the property.

Direction	1888 - Surrounding Property Uses
North	The property appears to be a vacant lot.
East	The property appears to maintain a two story residential dwelling.
South	Madison Street is visible, beyond maintains a three story residential building.
West	The property appears to maintain a two story residential dwelling.

Direction	1908 - Surrounding Property Uses
North	The property maintains a three story residential building.
East	The property appears to maintain a two story residential dwelling.
South	Madison Street is visible, beyond maintains a three story residential building.
West	The property appears to maintain a two story residential dwelling.

Direction	1932, 1951, 1965, 1979 and 1988 - Surrounding Property Uses
North	The property maintains a three story residential building.
East	The property appears to maintain a two story residential dwelling with an auto garage in the rear of the property.
South	Madison Street is visible, beyond maintains a four story residential building.
West	The property appears to maintain a two story residential dwelling.

**7.1.2 461- 463 Tompkins Avenue**

Year	Site Historic Uses
1888, 1908 and 1932	Each property maintains a three story dwelling with basement.
1951, 1965, 1979 and 1988	461 is a vacant lot, 463 continues to maintain a three story dwelling with basement.

Direction	1888, 1908, 1932 and 1951- Surrounding Property Uses
North	The property appears to maintain a three story dwelling with basement.
East	The property appears to maintain a vacant lot.
South	The property appears to maintain a three story dwelling with basement.
West	Tompkins Ave. is visible beyond maintains residential dwellings.

Direction	1965, 1979 and 1988 - Surrounding Property Uses
North	The property appears to maintain a three story dwelling with basement.
East	The property appears to maintain a vacant lot.
South	The property appears to maintain a three story dwelling with basement, beyond maintains mixed storefront apartment buildings with a building labeled "Dry Cleaning," located four buildings south of the Site.
West	Tompkins Ave. is visible beyond maintains residential dwellings.

## **8 EVALUATION OF DATA AND RECOMENDATIONS**

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An evaluation of the data obtained under the scope of this Phase I ESA was performed to identify RECs, CRECs, and HRECs associated with the Sites. The evaluation included a review of the reasonably ascertainable data collected under the scope of this assessment. The evaluation considered the significance of data gaps that were inherent to site-specific sources of information consulted for this Phase I ESA. The absence of certain information that can affect the ability of the environmental professional to identify RECs, CRECs, or HRECs is considered a data gap. A data gap is the lack of or inability to obtain information required by the All Appropriate Inquiries ruling 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 visit, user-provided information, available sources of historic information and interviews.

### **8.1 Data Gaps**

1. Responses to the Freedom of Information requests submitted to the New York State Department of Environmental Conservation and the New York City Bureau of Fire Prevention have not been received to date.
2. The chain-of-title records were not provided at the time of this assessment. Although the absence of this information represents a data gap, this is not expected to significantly affect the results of this assessment.
3. Due to the condition of the Sites, which predominantly consists of dense to moderate vegetation covering, limited observations for evidence of former releases (e.g., staining) or subsurface structures (e.g., USTs, drywell, etc.) were made during the site inspection.

### **8.2 Recommended Phase I ESA Activities**

1. Responses to the Freedom of Information requests submitted to the New York State Department of Environmental Conservation and the New York City Bureau of Fire Prevention have not been received to date. ASTM establishes that a diligent Phase I Environmental Site Assessment must consider all information obtained from a public agency within twenty days of receipt of a Freedom of Information request. Accordingly, information obtained from the above-mentioned agencies before the twenty day period has passed will be addressed in an addendum to this assessment.

### **8.3 Recommended Phase II ESA Activities**

1. A dry cleaning business currently operating as Joe's Professional Cleaners is located 92 feet south of 461-463 Tompkins Avenue. The referenced property has operated as a dry cleaning business since at least 1965 according to historic Sanborn maps. The property is listed under "G & J Dry Cleaners" as a small quantity generator in the TT report (see Map ID #165). Historic dry cleaning operations dating back to 1965 may have used a variety of chemical solvents, including carbon tetrachloride, perchloroethylene (PERC), trichloroethene (TCE) and 1,1,1-trichloroethane (1,1,1-TCA). These chemicals when released into the sub-surface, whether deliberate or inadvertently, pose a significant threat to the environment and/or human health. Although no regulatory database listings, NYSDEC spill listings or available records indicate that the aforementioned business had a discharge or release of chemical materials, dry cleaning activities at the property occurred during a period that predates environmental regulatory oversight regarding hazardous substance storage activities, chemical spills, reporting requirements, and cleanup requirements. As such, the potential for historic undocumented spills, releases or discharges to the underlying subsurface exists. Due to the property's close proximity to the Site and hydrologic position (upgradient), it is recommended that a limited soil-vapor intrusion investigation be conducted at 461-463 Tompkins Avenue to determine if contamination is present that may pose a vapor intrusion risk or indicate soil and/or groundwater contamination at the Site.

### **8.4 Recommended Remedial Activities**

1. No remedial activities are recommended at this time.

### **8.5 Business Environmental Risks / De Minimis Conditions**

1. Excavation activities associated with the redevelopment of the Site may encounter the presence of structures related to former buildings (i.e. undocumented fuel oil USTs) and/or urban fill material that may require specialized disposal under applicable regulations. Urban fill found throughout the New York metropolitan area is considered a regulated waste in the State of New York and is therefore required to be managed in accordance with the State Solid Waste Regulations. This would require that all impacted soils be excavated, handled, transported and disposed of in accordance with a Waste Material Handling Plan. If any buried storage tanks are identified during redevelopment, they should be properly abandoned or removed in accordance with applicable local and state regulations.
2. All debris observed on the Site should be removed from the premises and disposed of in accordance with the New York State solid waste regulations (6 NYCRR Part 360).

## 9 CONCLUSIONS

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This report has been prepared for the sole benefit of ELH Management. The report may not be relied upon by any other person or entity without the express written consent of Impact Environmental and ELH Management. Where applicable, the assessment included a thorough visual inspection of the property, the examination of reasonably ascertainable records concerning the current and prior uses of the Site, and interviews with the current owners and/or operators of the Site. The findings presented in this site assessment are based on data obtained under the scope of this investigation. The conclusions represent the professional judgment of qualified Impact Environmental staff members using available information.

Impact Environmental has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of 633 Madison Street, and 461 and 463 Tompkins Avenue, Brooklyn, NY, collectively "the Sites." Any exceptions to, or deletions from, this practice are described in Section 2.2 of this report. This assessment has revealed no evidence Controlled Recognized Environmental Conditions (CRECs) or Historic Recognized Environmental Conditions (HRECs) associated with the Site. However, this assessment has revealed evidence of a Recognized Environmental Condition (REC) and Business Environmental Risks (BERs) / De Minimis Conditions associated with the Site. Accordingly, additional activities are recommended to further define the environmental quality of the Site and should be addressed. Activities recommended with respect to the Phase I ESA, Phase II ESA activities and BERs/De Minimis Conditions should be performed, where applicable, as outlined in Section 8.0 of this report.

I certify that this assessment was performed under my direction and supervision, that I have reviewed and approved the report, and that the methods and procedures employed in the development of the report conform to industry standards. I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR part 312.

**IMPACT ENVIRONMENTAL  
CLOSURES INC.**



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Greg Mendez-Chicas, *Project Manager*  
*Environmental professional*



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Dan Fruhauf  
*Environmental Scientist*

## 10 REFERENCES

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1. The Basic Guide to Environmental Inspections. Environmental Assessment Association, undated.
2. EPA's Map of Radon Zones, New York. Air and Radiation Division, United States Environmental Protection Agency, September, 1993.
3. Feasibility Study For Use of the Brooklyn Queens Aquifer as an Additional Potable Water Supply. Malcolm Pirnie, Inc., White Plains, New York, March 1999.
4. Long Island Region Water Resources Management Study. Division of Water, New York State Department of Environmental Conservation, March, 1988.
5. Sanborn Fire Insurance Maps From the Sanborn Map Company Archives. Us Library of Congress.
6. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: ASTM Designation E 1527 - 13. The American Society for Testing and Materials, West Conshohocken, Pennsylvania, November 2013.
7. E 2091 Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls  
Federal Statutes: Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA"  
or "Superfund"), as amended by Superfund Amendments and Reauthorization
8. Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002  
("Brownfields Amendments"), 42 U.S.C. §§9601 *et seq.*
9. Emergency Planning and Community Right-To-Know Act of 1986 ("EPCRA"), 42 U.S.C. §§11001 *et seq.*
10. Freedom of Information Act, 5 U.S.C. §552, as amended by Public Law No. 104-231, 110 Stat. 3048
11. Resource Conservation and Recovery Act as amended ("RCRA"), 42 U.S.C §6901 *et seq.*
12. "All Appropriate Inquiry" Final Rule, 40 C.F.R. Part 312
13. Chapter 1 EPA, Subchapter J-Superfund, Emergency Planning, and Community Right-To-Know Programs, 40 C.F.R Parts 300-399
14. National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300
15. OSHA Hazard Communication Regulation, 29 C.F.R. §1910.1200

## 11 DISCLAIMER

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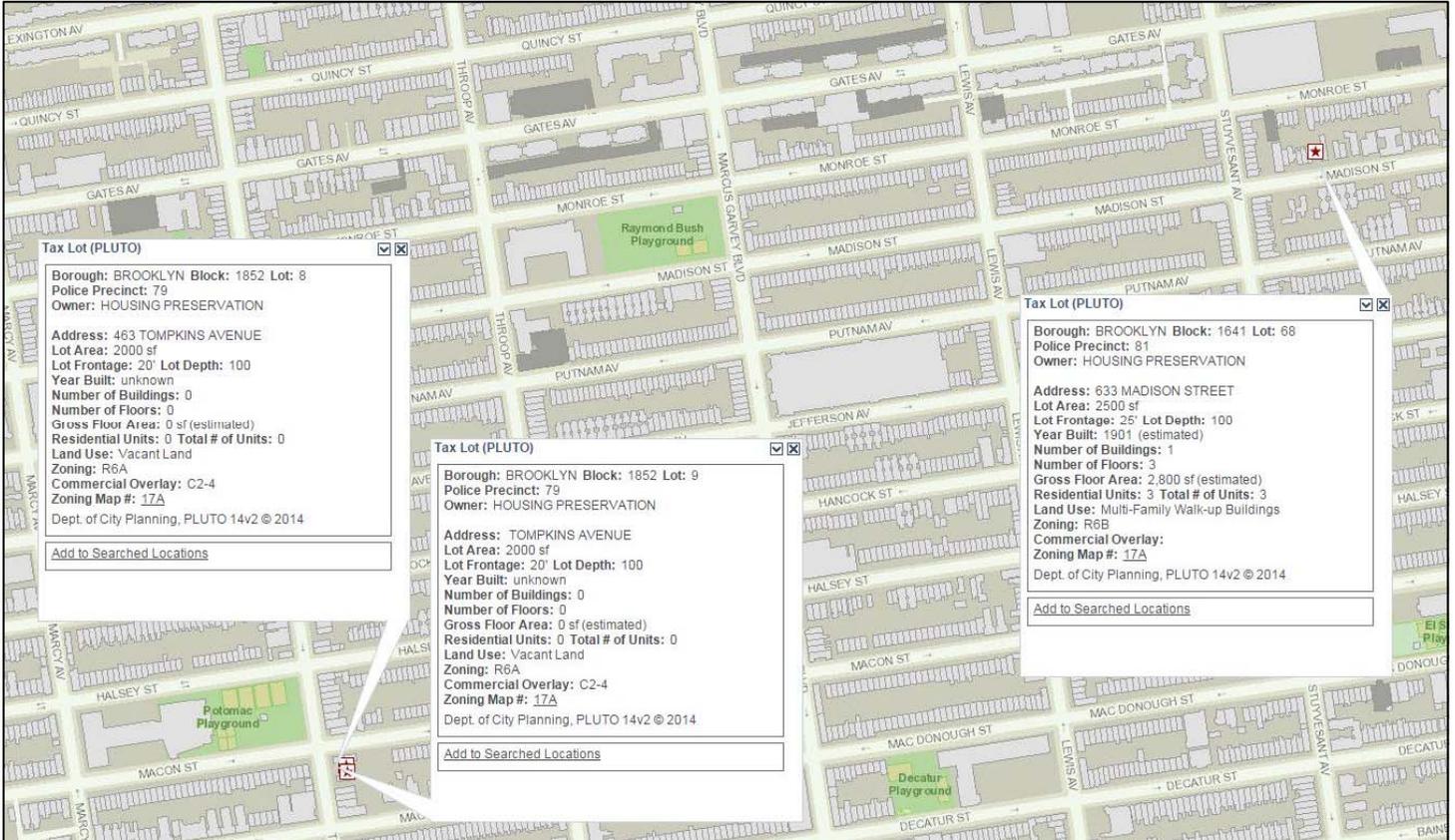
The purpose of this investigation was to identify potential sources of contamination at the Site, and to satisfy the all appropriate inquiry standard set forth by CERCLA liability and establishing innocent landowner, contiguous property owner, or bona fide prospective purchaser (also referred to as “land owner liability protections” or “LLPs”) and the Brownfield Revitalization and Brownfield Act. The findings and conclusions set forth in this report are based upon information that was available to Impact Environmental during its inspection of the property. If new information becomes available concerning the property after this date, or if the property is used in the future 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, Impact Environmental can not guarantee that the property is completely free of hazardous substances or other materials or conditions that could subject the Client to potential liability. The presence or absence of any such condition can only be confirmed through the collection and analysis of soil and groundwater samples, which was beyond the scope of this investigation.

**Plate 1:**  
Site Location Map

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY

# Site Location Map

## Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY



# Plate 2: Site Topographic Map

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY



CONTOUR INTERVAL 10 FEET

DASHED LINES REPRESENT 5 - FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL

DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WATER

# **Appendix A**

Property Detail Report

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY

# Property Detail Report

For Property Located At :  
**TOMPKINS AVE, BROOKLYN, NY 11216**



## Owner Information

Owner Name: **HOUSING PRESERVATION & DEVELOPMENT**  
Mailing Address: **134 BROADWAY #77, BROOKLYN NY 11249-6031 C007**  
Vesting Codes: **//**

## Location Information

Legal Description:		APN:	<b>01852-0009</b>
County:	<b>BROOKLYN, NY</b>	Alternate APN:	<b>01852-00009</b>
Census Tract / Block:	<b>247.00 /</b>	Subdivision:	
Township-Range-Sect:	<b>12-00-06</b>	Map Reference:	<b>06-12-03 /</b>
Legal Book/Page:		Tract #:	
Legal Lot:	<b>9</b>	School District:	<b>3620580</b>
Legal Block:	<b>1852</b>	School District Name:	<b>NYC DEPT OF ED</b>
Market Area:		Munic/Township:	<b>BEDFORD STUYVESANT</b>
Neighbor Code:	<b>28</b>		

## Owner Transfer Information

Recording/Sale Date:	<b>02/01/1984 /</b>	Deed Type:	<b>DEED (REG)</b>
Sale Price:	<b>\$1,500</b>	1st Mtg Document #:	
Document #:			

## Last Market Sale Information

Recording/Sale Date:	<b>/</b>	1st Mtg Amount/Type:	<b>/</b>
Sale Price:		1st Mtg Int. Rate/Type:	<b>/</b>
Sale Type:		1st Mtg Document #:	
Document #:		2nd Mtg Amount/Type:	<b>/</b>
Deed Type:		2nd Mtg Int. Rate/Type:	<b>/</b>
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:			

## Prior Sale Information

Prior Rec/Sale Date:	<b>/</b>	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	<b>/</b>
Prior Doc Number:		Prior 1st Mtg Rate/Type:	<b>/</b>
Prior Deed Type:			

## Property Characteristics

Year Built / Eff:	<b>/</b>	Total Rooms/Offices:		Garage Area:	
Gross Area:		Total Restrooms:		Garage Capacity:	
Building Area:		Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	
# of Stories:		Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

## Site Information

Zoning:	<b>R6A</b>	Acres:	<b>0.05</b>	County Use:	<b>VACANT NOT ZONED RESIDENTIAL (V1)</b>
Lot Area:	<b>2,000</b>	Lot Width/Depth:	<b>20 x 100</b>	State Use:	
Land Use:	<b>VACANT LAND (NEC)</b>	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	

## Tax Information

Total Value:	<b>\$210,000</b>	Assessed Year:	<b>2015</b>	Property Tax:	
Land Value:	<b>\$210,000</b>	Improved %:		Tax Area:	<b>4</b>
Improvement Value:		Tax Year:		Tax Exemption:	<b>MISC</b>
Total Taxable Value:					

# Property Detail Report

For Property Located At :  
**463 TOMPKINS AVE, BROOKLYN, NY 11216**



## Owner Information

Owner Name: **HOUSING PRESERVATION & DEVELOPMENT**  
Mailing Address: **134 BROADWAY #77, BROOKLYN NY 11249-6031 C007**  
Vesting Codes: **//**

## Location Information

Legal Description:		APN:	<b>01852-0008</b>
County:	<b>BROOKLYN, NY</b>	Alternate APN:	<b>01852-00008</b>
Census Tract / Block:	<b>269.00 / 1</b>	Subdivision:	
Township-Range-Sect:	<b>12-00-06</b>	Map Reference:	<b>06-12-03 /</b>
Legal Book/Page:		Tract #:	
Legal Lot:	<b>8</b>	School District:	<b>3620580</b>
Legal Block:	<b>1852</b>	School District Name:	<b>NYC DEPT OF ED</b>
Market Area:		Munic/Township:	<b>BEDFORD STUYVESANT</b>
Neighbor Code:	<b>28</b>		

## Owner Transfer Information

Recording/Sale Date: **/** Deed Type:  
Sale Price: 1st Mtg Document #:  
Document #:

## Last Market Sale Information

Recording/Sale Date:	<b>01/24/1990 / 01/23/1990</b>	1st Mtg Amount/Type:	<b>/</b>
Sale Price:	<b>\$5,000</b>	1st Mtg Int. Rate/Type:	<b>/</b>
Sale Type:		1st Mtg Document #:	
Document #:	<b>2506-613</b>	2nd Mtg Amount/Type:	<b>/</b>
Deed Type:	<b>DEED (REG)</b>	2nd Mtg Int. Rate/Type:	<b>/</b>
Transfer Document #:		Price Per SqFt:	
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	<b>FOUCHER LUCILLE</b>		

## Prior Sale Information

Prior Rec/Sale Date: **/** Prior Lender:  
Prior Sale Price: Prior 1st Mtg Amt/Type: **/**  
Prior Doc Number: Prior 1st Mtg Rate/Type: **/**  
Prior Deed Type:

## Property Characteristics

Year Built / Eff:	<b>/</b>	Total Rooms/Offices:		Garage Area:	
Gross Area:		Total Restrooms:		Garage Capacity:	
Building Area:		Roof Type:		Parking Spaces:	
Tot Adj Area:		Roof Material:		Heat Type:	
Above Grade:		Construction:		Air Cond:	
# of Stories:		Foundation:		Pool:	
Other Improvements:		Exterior wall:		Quality:	
		Basement Area:		Condition:	

## Site Information

Zoning:	<b>R6A</b>	Acres:	<b>0.05</b>	County Use:	<b>VACANT NOT ZONED RESIDENTIAL (V1)</b>
Lot Area:	<b>2,000</b>	Lot Width/Depth:	<b>20 x 100</b>	State Use:	
Land Use:	<b>VACANT LAND (NEC)</b>	Commercial Units:		Water Type:	
Site Influence:		Sewer Type:		Building Class:	

## Tax Information

Total Value:	<b>\$210,000</b>	Assessed Year:	<b>2015</b>	Property Tax:	
Land Value:	<b>\$210,000</b>	Improved %:		Tax Area:	<b>4</b>
Improvement Value:		Tax Year:		Tax Exemption:	<b>MISC</b>
Total Taxable Value:					

# Property Detail Report

For Property Located At :  
**633 MADISON ST, BROOKLYN, NY 11221**



## Owner Information

Owner Name: **HOUSING PRESERVATION & DEVELOPMENT**  
Mailing Address: **134 BROADWAY #77, BROOKLYN NY 11249-6031 C007**  
Vesting Codes: **//**

## Location Information

Legal Description:		APN:	<b>01641-0068</b>
County:	<b>BROOKLYN, NY</b>	Alternate APN:	<b>01641-00068</b>
Census Tract / Block:	<b>293.00 / 3</b>	Subdivision:	
Township-Range-Sect:	<b>05-00-06</b>	Map Reference:	<b>06-05-13 /</b>
Legal Book/Page:		Tract #:	
Legal Lot:	<b>68</b>	School District:	<b>3620580</b>
Legal Block:	<b>1641</b>	School District Name:	<b>NYC DEPT OF ED</b>
Market Area:		Munic/Township:	<b>BEDFORD STUYVESANT</b>
Neighbor Code:	<b>28</b>		

## Owner Transfer Information

Recording/Sale Date:	<b>08/21/1989 /</b>	Deed Type:	<b>DEED (REG)</b>
Sale Price:		1st Mtg Document #:	<b>2436-2261</b>
Document #:	<b>2436-2259</b>		

## Last Market Sale Information

Recording/Sale Date:	<b>04/01/1982 /</b>	1st Mtg Amount/Type:	<b>\$28,000 / FHA</b>
Sale Price:	<b>\$27,272</b>	1st Mtg Int. Rate/Type:	<b>/</b>
Sale Type:		1st Mtg Document #:	<b>/</b>
Document #:		2nd Mtg Amount/Type:	<b>/</b>
Deed Type:	<b>DEED (REG)</b>	2nd Mtg Int. Rate/Type:	<b>/</b>
Transfer Document #:		Price Per SqFt:	<b>\$9.74</b>
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:	<b>PRUDENTIAL HM MTG</b>		
Seller Name:			

## Prior Sale Information

Prior Rec/Sale Date:	<b>02/01/1981 /</b>	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	<b>/</b>
Prior Doc Number:		Prior 1st Mtg Rate/Type:	<b>/</b>
Prior Deed Type:	<b>DEED (REG)</b>		

## Property Characteristics

Gross Area:	<b>2,800</b>	Parking Type:		Construction:	
Living Area:	<b>2,800</b>	Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:		Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	<b>/</b>	Basement Type:		Air Cond:	
Year Built / Eff:	<b>/ 1901</b>	Roof Type:		Style:	
Fireplace:	<b>/</b>	Foundation:		Quality:	
# of Stories:	<b>3.00</b>	Roof Material:		Condition:	
Other Improvements:					

## Site Information

Zoning:	<b>R6B</b>	Acres:	<b>0.06</b>	County Use:	<b>WALKUP APT 3 FAMILY (C0)</b>
Lot Area:	<b>2,500</b>	Lot Width/Depth:	<b>25 x 100</b>	State Use:	
Land Use:	<b>TRIPLEX</b>	Res/Comm Units:	<b>/</b>	Water Type:	
Site Influence:				Sewer Type:	

## Tax Information

Total Value:	<b>\$714,000</b>	Assessed Year:	<b>2015</b>	Property Tax:	<b>\$2,803.00</b>
Land Value:	<b>\$333,000</b>	Improved %:	<b>53%</b>	Tax Area:	<b>1</b>
Improvement Value:	<b>\$381,000</b>	Tax Year:	<b>2014</b>	Tax Exemption:	
Total Taxable Value:	<b>\$13,036</b>				

## **Appendix B**

Site Photographs

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY



**Photo 1:** View 461 and 463 Tompkins Avenue.



**Photo 2:** View of debris at the 461 and 463 Tompkins Avenue.

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

**Phase I ESA**

**Site:** 461 and 463 Tompkins Ave. Brooklyn

**Date:** March 9, 2015

**IMPACT ENVIRONMENTAL CLOSURES, INC.**



**Photo 3:** View of 461 and 463 Tompkins Avenue.

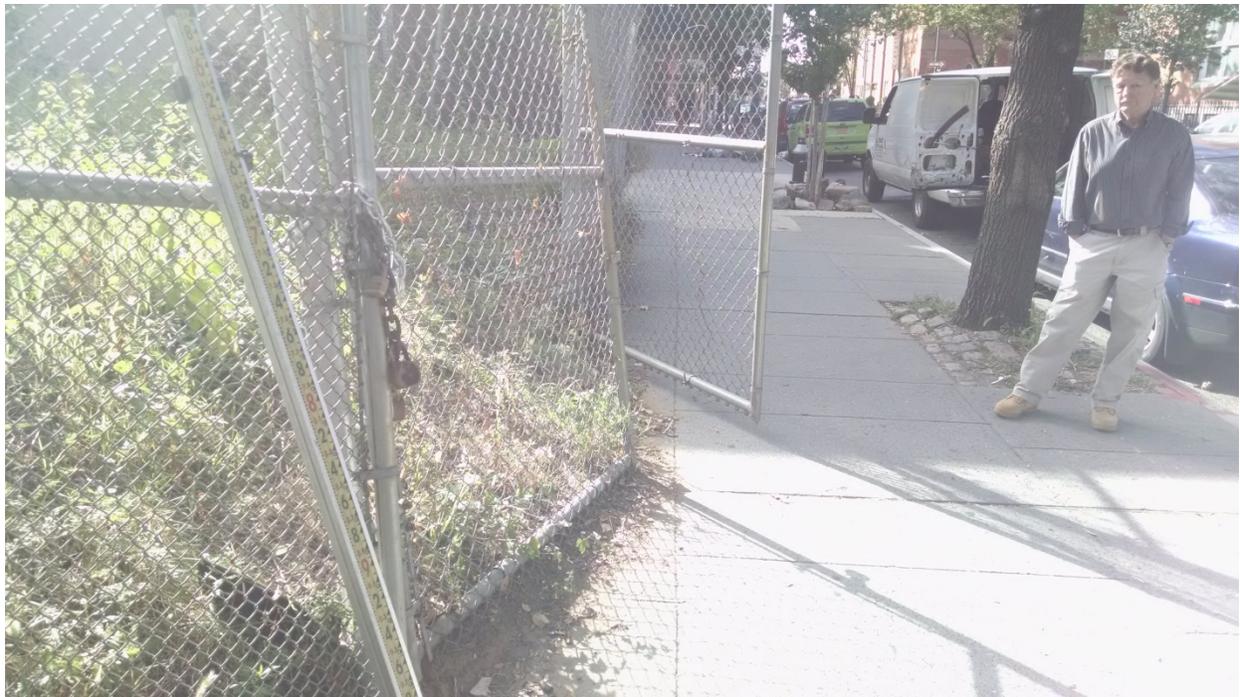


**Photo 4:** View of debris at 461 and 463 Tompkins Avenue.

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise



**Photo 5:** View of 461 and 463 Tompkins Avenue.



**Photo 6:** View of the 461 and 463 Tompkins Avenue entrance.

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

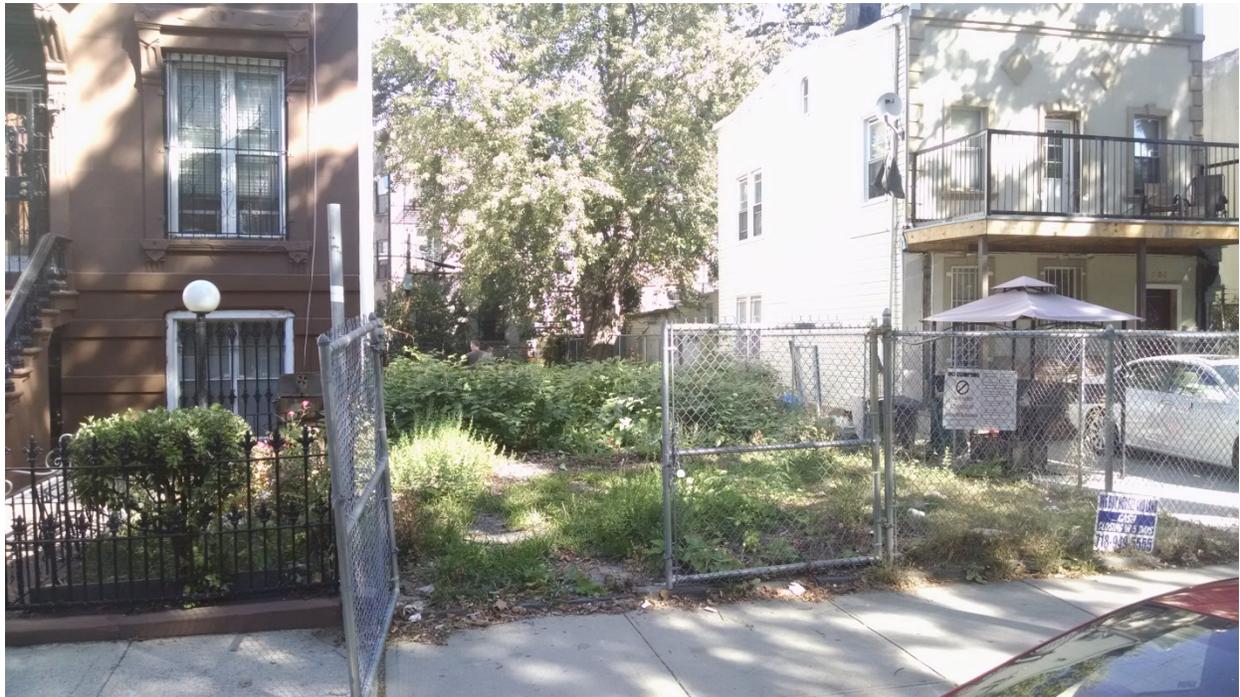


**Photo 7:** View of 633 Madison Street.



**Photo 8:** View of the 633 Madison Street sidewalk.

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise



**Photo 9:** View the 633 Madison Street entrance.



**Photo 10:** View of debris throughout 633 Madison Street.

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

**Phase I ESA**

**Site:** 633 Madison St. Brooklyn

**Date:** March 9, 2015

**IMPACT ENVIRONMENTAL CLOSURES, INC.**



**Photo 11:** View of 633 Madison Street.



**Photo 12:** View of 633 Madison Street.

Note: These photographs have not been altered or retouched in any way unless specifically stated otherwise

## **Appendix C**

User Questionnaire/ Corporate Records

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY



**PHASE I QUESTIONNAIRE**

In order to qualify for one of the *Landowner Liability Protections (LLPs)*<sup>35</sup> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*")<sup>36</sup>, the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

In addition, certain information should be collected, if available, and provided to the *environmental professional* selected to conduct the Phase I. This information is intended to assist the *environmental professional* but is not necessarily required to qualify for one of the *LLPs*. The information includes:

1. Why is the Phase I required?

Bank requirement.

2. What type of Site and type of Site transaction? (i.e. sale, purchase, exchange, etc.)

Purchase

3. What is the complete and correct address for the Site? (a map or other documentation showing Site location and boundaries is helpful).

461 and 463 Tompkins Ave. and 633 Madison St.

4. Are there any other scope of services desired for the Phase I beyond the requirements of Practice E 1527 to be considered?

No

5. What are future plans for the Site? (remain as is, demolition, construction, etc) If development changes are to be completed please include a site plan/survey.

Construction

6. Identification of all parties who will rely on the Phase I report.

CPC, HPD

7. Identification of the site contact and how the contact can be reached.  
(Name, Phone, Fax and/or Email)

Joyce Kwon. 212.863.8710

8. Are there any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

No

9. Are there any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No

10. As the user of this ESA do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining Site so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No

11. Does the purchase price being paid for this Site reasonably reflect the fair market value of the Site? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Site?

Yes

12. Is there any commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the Site?

No

(b.) Do you know of specific chemicals that are present or once were present at the Site?

No

(c.) Do you know of spills or other chemical releases that have taken place at the Site?

No

(d.) Do you know of any environmental cleanups that have taken place at the Site?

No

13. As the user of this ESA, based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

No

14. Any special terms and conditions which must be agreed upon by the environmental professional?

No

15. Any other knowledge or experience with the Site that may be pertinent to the environmental professional?

No

*Examples including but not limited to:*

Site plans, site maps, site surveys, title searches, environmental site assessment/compliance reports, permits, registration and/or removal documents for tanks (AST/UST), disposal records, chemical storage records, letters from regulatory agencies, e-designations, etc

16. Additional information?

Signature: Michael Henry Date: 9/24/15  
Print Name: Michael Henry  
Title: Director

---

<sup>35</sup> *Landowner Liability Protections, or LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Site Owner, or Innocent Landowner Limitations on CERCLA Liability* ("Common Elements" Guide) issued on March 6, 2003.

<sup>36</sup> P.L. 107-118.

## **Appendix D**

Freedom of Information Requests / Public Agency Files

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY

## Thank You For Filling Out This Form

Shown below is your submission to **NYC.gov** on Tuesday, August 18, 2015 at 11:30:37

This form resides at [http://www.nyc.gov/html/dep/html/contact\\_us/foil.shtml](http://www.nyc.gov/html/dep/html/contact_us/foil.shtml)

NAME of FIELDS	DATA
<b>foil-form:</b>	REMOTE_HOST,HTTP_ADDR,HTTP_USER_AGENT
<b>type-of-record:</b>	phase1
<b>record-request-type:</b>	Copies
<b>location:</b>	461-463 tompkins avenue
<b>borough:</b>	brooklyn
<b>time-frame:</b>	up to current
<b>first-name:</b>	dan
<b>last-name:</b>	fruhauf
<b>phone:</b>	631-316-9157
<b>e-mail:</b>	dfruhauf@impactenvironmental.com
<b>organization:</b>	Impact Environmental
<b>address1:</b>	170 Keyland Ct
<b>city:</b>	Bohemia
<b>state:</b>	NY
<b>zip-code:</b>	11716
<b>other-identifying:</b>	Block 1852 Lot 8 and 9
<b>date:</b>	8/18/15

## Thank You For Filling Out This Form

Shown below is your submission to **NYC.gov** on Tuesday, August 18, 2015 at 11:31:56

This form resides at [http://www.nyc.gov/html/dep/html/contact\\_us/foil.shtml](http://www.nyc.gov/html/dep/html/contact_us/foil.shtml)

NAME of FIELDS	DATA
<b>foil-form:</b>	REMOTE_HOST,HTTP_ADDR,HTTP_USER_AGENT
<b>type-of-record:</b>	phase1
<b>record-request-type:</b>	Copies
<b>location:</b>	633 Madison St.
<b>borough:</b>	brooklyn
<b>time-frame:</b>	up to current
<b>first-name:</b>	dan
<b>last-name:</b>	fruhaufl
<b>phone:</b>	631-316-9157
<b>e-mail:</b>	dfruhaufl@impactenvironmental.com
<b>organization:</b>	Impact Environmental
<b>address1:</b>	170 Keyland Ct
<b>city:</b>	Bohemia
<b>state:</b>	NY
<b>zip-code:</b>	11716
<b>other-identifying:</b>	Block 1641 Lot 68
<b>date:</b>	8/18/15

## Preview Request

### Agency Selection

Agency : U.S Environmental Protection Agency  
Sub-Agency : Region 2

### Contact Information

Prefix :	Mailing Address Location : United
First Name : dan	States/U.S. Territories
Middle Initial :	Address Line 1 : 170
Last Name : fruhauf	Keyland
Organization : Impact	Ct
Environmental	Address Line 2 :
Email Address :	City : Bohemia
dfruhauf@impactenvironmental.com	State/Province : New York
Phone Number : 631-316-9157	Zip Code/Postal Code : 11716
Fax Number :	

### Processing Fees

Will Pay Up To : \$ 25.00

### Description :

Please Provided any documents or records concerning The environmental quality of the below listed addresses, this includes Spill related reports, remedial reports, storage or use of hazardous material and generation of regulated wastes.

461 & 463 Tompkins Ave. Brooklyn, NY  
633 Madison St. Brooklyn, NY

### Request a Fee Waiver

Make Request ? No

### Request Expedited Handling

Make Request ? No

## Attach Supporting Files

No attachments were previously added.

- Agree to [Privacy Act Statement](#). I have read the Privacy Act Statement and agree to the terms set forth.
- Affirmation. Pursuant to 28 USC § 1746, I declare and affirm that under penalty of perjury under the laws of the United States of America that all of the foregoing information, statements, and signatures submitted in connection with this request and in any supporting documents are true and correct to the best of my knowledge.



FIRE DEPARTMENT - CITY OF NEW YORK  
 Public Records Unit / Tanks Section  
 9 MetroTech Center  
 Brooklyn, New York 11201-3857  
 (718) 999-2441 or 2442



## Fuel Tank Special Report Request Form

**SECTION A**

**CUSTOMER INFORMATION**

Please print the required information below.

Dan Fruhauf  
 Name \_\_\_\_\_  
 170 Keyland Ct. Bohemia  
 Address \_\_\_\_\_  
 NY 11716  
 State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 631-316-9157  
 Telephone Number \_\_\_\_\_

**OFFICE USE ONLY**

Cashier / Search No. \_\_\_\_\_  
 PRU Staff  
 Accepted By/Initials: \_\_\_\_\_  
 Searched By: \_\_\_\_\_  
 Total Amount: \_\_\_\_\_

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

**SECTION B**

**FUEL TANK REPORT - FEE \$10.00 / PER REPORT**

633 Madison Street Brooklyn  
 House Number Street Name Borough

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

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

PR3 (July-08)



FIRE DEPARTMENT - CITY OF NEW YORK  
 Public Records Unit / Tanks Section  
 9 MetroTech Center  
 Brooklyn, New York 11201-3857  
 (718) 999-2441 or 2442



## Fuel Tank Special Report Request Form

### SECTION A

### CUSTOMER INFORMATION

Please print the required information below.

Dan Fruhauf

Name \_\_\_\_\_  
 170 Keyland Ct. Bohemia

Address \_\_\_\_\_  
 NY 11716

State \_\_\_\_\_ Zip Code \_\_\_\_\_

631-316-9157  
 Telephone Number

### OFFICE USE ONLY

Cashier / Search No. \_\_\_\_\_

PRU Staff  
 Accepted By/Initials: \_\_\_\_\_

Searched By: \_\_\_\_\_

Total Amount: \_\_\_\_\_

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

### SECTION B

### FUEL TANK REPORT - FEE \$10.00 / PER REPORT

461-463 Tompkins Avenue Brooklyn  
 House Number Street Name Borough

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

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

PR3 (July-08)



**Environmental  
Protection**

**Emily Lloyd**  
*Commissioner*

**Robin Levine**  
*Acting General Counsel*

**Brenda Farren**  
*Records Access Officer*

59-17 Junction Blvd.  
Flushing, NY 11373

Tel. (718) 595-3448  
Fax (718) 595-6543  
Foil2@dep.nyc.gov

August 19, 2015

Mr. Dan Fruhauf  
Impact Environmental  
170 Keyland Court  
Bohemia, NY 11716

Dear Mr. Fruhauf:

Re: . 633 Madison Street, Brooklyn

We hereby acknowledge receipt of your **Freedom of Information Law** request dated August 18, 2015.

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.

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) 140800, 140801, 140802, 140803**



**Environmental  
Protection**

**Emily Lloyd**  
*Commissioner*

**Robin Levine**  
*Acting General Counsel*

**Brenda Farren**  
*Records Access Officer*

59-17 Junction Blvd.  
Flushing, NY 11373

Tel. (718) 595-3448  
Fax (718) 595-6543  
Foil2@dep.nyc.gov

August 19, 2015

Mr. Dan Fruhauf  
Impact Environmental  
170 Keyland Court  
Bohemia, NY 11716

Dear Mr. Fruhauf:

Re: 461-463 Tompkins Avenue, Brooklyn

We hereby acknowledge receipt of your **Freedom of Information Law** request dated August 18, 2015.

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.

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) 140805, 140806, 140807, 140808**



August 21, 2015

*Emily Lloyd*  
*Commissioner*

Dan Fruhauf  
Impact Environmental  
170 Keyland Court  
Bohemia, NY 11716

Michael Gilsean  
Assistant Commissioner  
Environmental Compliance

Dear Mr. Fruhauf:

In response to your Freedom of Information Law information request of 8/18/2015, the Division of Air/Noise Enforcement and Policy has searched its files for records pertaining to 461 Tompkins Avenue and:

59-17 Junction Boulevard  
Flushing, NY 11373

Has located and enclosed the requested documents.

A total of \_\_\_\_\_ pages of materials have been located, for which we are required to charge a fee of \$.25 per page. Please send your check, in the amount of \$\_\_\_\_\_, to:

Records Access Officer  
NYC Department of Environmental Protection  
59-17 Junction Boulevard, 19<sup>th</sup> Floor  
Flushing, NY 11373

The check should be made payable to **The City of New York** and include the Log # noted below.

Upon receipt of the check, copies of these records will be sent to you.

Does not have the requested documents.

Sincerely,

Geraldine Kelpin  
Director, Air/Noise Enforcement &  
Policy

Log # 140806



August 21, 2015

*Emily Lloyd*  
**Commissioner**

Dan Fruhauf  
Impact Environmental  
170 Keyland Court  
Bohemia, NY 11716

Michael Gilsean  
Assistant Commissioner  
Environmental Compliance

59-17 Junction Boulevard  
Flushing, NY 11373

Dear Mr. Fruhauf:

In response to your Freedom of Information Law information request of 8/18/2015, the Division of Air/Noise Enforcement and Policy has searched its files for records pertaining to 633 Madison Street and:

Has located and enclosed the requested documents.

A total of \_\_\_\_\_ pages of materials have been located, for which we are required to charge a fee of \$.25 per page. Please send your check, in the amount of \$\_\_\_\_\_, to:

Records Access Officer  
NYC Department of Environmental Protection  
59-17 Junction Boulevard, 19<sup>th</sup> Floor  
Flushing, NY 11373

The check should be made payable to **The City of New York** and include the Log # noted below.

Upon receipt of the check, copies of these records will be sent to you.

Does not have the requested documents.

Sincerely,

Geraldine Kelpin  
Director, Air/Noise Enforcement &  
Policy

Log # 140801

New York State Department of Environmental Conservation  
**APPLICATION FOR ACCESS TO RECORDS**  
Pursuant to New York State Freedom of Information Law (FOIL)

---

Please complete all applicable fields

**Records Requested**

Whenever possible, please provide specific facility name(s), owner(s), address(es), permit/spill/PBS/incident number(s).

**Time Period for Records Sought**

From \_\_\_\_\_ To: \_\_\_\_\_ Not Applicable:

**Requestor Contact Information**

Name: \_\_\_\_\_ Company (if applicable): \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Mailing Address \_\_\_\_\_

Date Submitted: \_\_\_\_\_

**Electronic copies preferred**

All requests must be in writing and may be submitted to the New York State Department of Environmental Conservation (NYSDEC) via:

Email: [access.records@dec.ny.gov](mailto:access.records@dec.ny.gov)

Fax: (518) 402-9018

Mail: Records Access Officer

NYSDEC, 625 Broadway, Albany, NY 12233-1500

For more information go to <http://www.dec.ny.gov/public/373.html>

## **Appendix E**

Environmental Regulatory Database Review / Search

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY

# **T**OXICS TARGETING

## **PHASE I**

# **ENVIRONMENTAL DATABASE REPORT**

**633 MADISON STREET  
BROOKLYN, NY 11221**

**AUGUST 19, 2015**

## **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*
- *NY Dept of Health Radon 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)** NY Dept. of Health Radon Data by zipcode, **3)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **4)** codes that characterize hazardous wastes reported at various facilities, **5)** methods used to map toxic sites identified in your report and **6)** information sources used in your report.

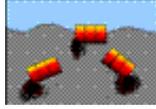
## ***How to Use Your Report***

- 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*

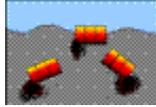
## Search Radius

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



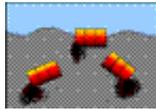
2) ***Delisted National Priority List Sites***: a listing of NPL sites that have been removed from the National Priority List.

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



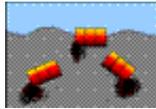
4) ***New York Inactive Hazardous Waste Disposal Site Registry Qualifying***: a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile



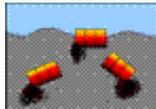
5) ***RCRA Corrective Action Activity (CORRACTS)***: waste facilities with RCRA corrective action activity reported by the USEPA.

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



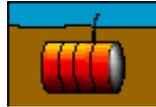
13) ***New York State Major Oil Storage Facilities:*** sites with more than a 400,000 gallon capacity for storing petroleum products.

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



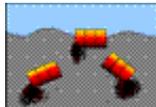
17) ***New York Chemical Bulk Storage Facilities:*** sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

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
<b>ASTM–Required 1 Mile Search</b>						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	1	1
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
<b>ASTM–Required 1/2 Mile Search</b>						
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	0	0	0	Not searched	0
<b>Brownfields Sites</b>						
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	4	Not searched	4
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
<b>NYS Toxic Spills</b>						
Active Tank Failures	0	0	0	0	Not searched	0
Active Tank Test Failures	0	1	0	0	Not searched	1
Active Spills – Unknown / Other Causes	0	0	0	5	Not searched	5
Active Spills – Miscellaneous Causes	0	0	0(1)	1(3)	Not searched	1(4)
Closed Tank Failures	0	1	1	9	Not searched	11
Closed Tank Test Failures	0	0	2	5	Not searched	7
Closed Spills – Unknown / Other Causes	0	4	16	54	Not searched	74
Closed Spills – Miscellaneous Causes	0	5	1(22)	15(95)	Not searched	21(117)
<b>ASTM–Required Property &amp; Adjacent Property (1/8 Mile Search)</b>						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	0	8	Not searched	Not searched	Not searched	8
RCRA Hazardous Waste Generators & Transporters	0	57	Not searched	Not searched	Not searched	57
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
<b>ASTM–Required On–Site Only Search</b>						
NYC Environmental Quality Review Requirements ("E") Sites*	2	2	Not searched	Not searched	Not searched	4
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.					
<b>ASTM–Required Databases Distance Interval Totals</b>	<b>2</b>	<b>78</b>	<b>20(23)</b>	<b>93(98)</b>	<b>1</b>	<b>194(121)</b>

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	0	0	0	Not searched	0

**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	0	Not searched	Not searched	Not searched	0
Civil & Administrative Enforcement Docket Facilities	0	0	Not searched	Not searched	Not searched	0

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<b>Non-ASTM Databases Distance Interval Totals</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>Not Searched</b>	<b>0</b>
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<b><i>Distance Interval Totals</i></b>	<b>2</b>	<b>78</b>	<b>20(23)</b>	<b>93(98)</b>	<b>1</b>	<b>194(121)</b>
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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

633 Madison Street  
Brooklyn, NY 11221

\* 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
191		BLOCK: 1641 LOT: 67	27 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
192		BLOCK: 1641 LOT: 65	61 feet to the ENE*	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
128	JUNIOR HIGH SCHOOL 324 – BROOKLYN K324	800 GATES AVENUE	349 feet to the N	Petroleum Bulk Storage Site
153	CON EDISON	814 GATES AVE	481 feet to the NNE	Hazardous Waste Generator/Transporter
154	CON EDISON	832 GATES AV	481 feet to the NNE	Hazardous Waste Generator/Transporter
156	CON EDISON	OPP 881 GATES AVE	510 feet to the NNE	Hazardous Waste Generator/Transporter
157	CON EDISON	OPP 881 GATES AVE	510 feet to the NNE	Hazardous Waste Generator/Transporter
6	STUYVESANT GARDENS –NYCHA	875 GATES AVE	618 feet to the NNE	Active Tank Test Failure
133	STUYVESANT GARDENS	875 GATES AVENUE	623 feet to the NNE	Petroleum Bulk Storage Site
146	CON EDISON	629 MONROE ST	319 feet to the NE	Hazardous Waste Generator/Transporter
176	CON EDISON	OPP 885 GATES AVE	601 feet to the NE	Hazardous Waste Generator/Transporter
143	CON EDISON	644 MONROE ST	237 feet to the ENE	Hazardous Waste Generator/Transporter
126	651 MADISON	651 MADISON ST	259 feet to the ENE	Petroleum Bulk Storage Site
127	651 MADISON STREET HDFC	651 MADISON STREET	259 feet to the ENE	Petroleum Bulk Storage Site
129	JANE METHODIST	170 MALCOLM X BLVD	462 feet to the ENE	Petroleum Bulk Storage Site
135	CON EDISON	643 MADISON ST	121 feet to the E*	Hazardous Waste Generator/Transporter
170	CONSOLIDATED EDISON	MALCOLMX BLVD & MADISON AVE – MH 28837	554 feet to the E	Hazardous Waste Generator/Transporter
171	CONSOLIDATED EDISON MH28837	MH28837 MALCOLM X BLVD & MADISON	554 feet to the E	Hazardous Waste Generator/Transporter
180	CON EDISON	173 MALCOLM X BLVD	618 feet to the E	Hazardous Waste Generator/Transporter
181	CON EDISON	173 MALCOLMX BLVD	618 feet to the E	Hazardous Waste Generator/Transporter
33	183 MALCOM–X BLVD.	183 MALCOM–X BLVD	642 feet to the E	Closed Status Spill (Unk/Other Cause)
144	CON EDISON	680 MADISON ST	290 feet to the ESE	Hazardous Waste Generator/Transporter
145	CON EDISON	FRONT OF 684 MADISON ST	313 feet to the ESE	Hazardous Waste Generator/Transporter
152	CON EDISON	779 PUTNAM AVE	470 feet to the ESE	Hazardous Waste Generator/Transporter
130	192–194 MALCOLM X BLVD	192–194 MALCOLM X BOULEVARDD	515 feet to the ESE	Petroleum Bulk Storage Site
131	IRVING CARTER	194 MALCOLM X BLVD	515 feet to the ESE	Petroleum Bulk Storage Site
165	CON EDISON	198 MALCOLM X BLVD	539 feet to the ESE	Hazardous Waste Generator/Transporter
34	INTERSECTION OF MALCOM X BVLD & PUTMAN AVE	INTERSECTION OF MALCOM X BVLD & PUTMAN AVE	651 feet to the ESE	Closed Status Spill (Unk/Other Cause)
185	CONSOLIDATED EDISON	MALCOLM X BLVD & PUTNAM AVE – MH 63308	651 feet to the ESE	Hazardous Waste Generator/Transporter

186	CON EDISON	MALCOLM X BLVD & PUTNAM AVE	651 feet to the ESE	Hazardous Waste Generator/Transporter
142	CON EDISON	674 MADISON STREET	236 feet to the SE	Hazardous Waste Generator/Transporter
158	CON EDISON	778 PUTNAM AV	518 feet to the SE	Hazardous Waste Generator/Transporter
108	BRATWAITE RESIDENCE	788 PUTNAM AVE	567 feet to the SE	Closed Status Spill (Misc. Spill Cause)
174	CON EDISON	790 PUTNAM AVE	584 feet to the SE	Hazardous Waste Generator/Transporter
182	CON EDISON	693 JEFFERSON AVE	621 feet to the SE	Hazardous Waste Generator/Transporter
183	CON EDISON	693 JEFFERSON AVE	621 feet to the SE	Hazardous Waste Generator/Transporter
32	REISIDENT	661 JEFFERSON AVE	539 feet to the SSE	Closed Status Spill (Unk/Other Cause)
166	CON EDISON	659 JEFFERSON ST	544 feet to the SSE	Hazardous Waste Generator/Transporter
167	CON EDISON	659 JEFFERSON AV	544 feet to the SSE	Hazardous Waste Generator/Transporter
168	CON EDISON	659 JEFFERSON AV	544 feet to the SSE	Hazardous Waste Generator/Transporter
169	CON EDISON	659 JEFFERSON AVE	544 feet to the SSE	Hazardous Waste Generator/Transporter
173	CON EDISON	677 JEFFERSON AVE	581 feet to the SSE	Hazardous Waste Generator/Transporter
184	CON EDISON	F/O 664 JEFFERSON AVE	650 feet to the SSE	Hazardous Waste Generator/Transporter
149	CON EDISON	748 PUTNAM AV	442 feet to the S	Hazardous Waste Generator/Transporter
150	CON EDISON	748 PUTNAM AVE	442 feet to the S	Hazardous Waste Generator/Transporter
151	CON EDISON	748 PUTNAM AVE	442 feet to the S	Hazardous Waste Generator/Transporter
106	738 PUTNAM AVE	738 PUTNAM AVE	454 feet to the S	Closed Status Spill (Misc. Spill Cause)
107	UNKNOWN	738 PUTNAM AVE	454 feet to the S	Closed Status Spill (Misc. Spill Cause)
177	CON EDISON	FRONT OF 649 JEFFERSON AVE	604 feet to the S	Hazardous Waste Generator/Transporter
193		BLOCK: 1646 LOT: 13	177 feet to the SSW*	NYC Env. Qual. Review-"E" Designation
194		BLOCK: 1646 LOT: 11	202 feet to the SSW	NYC Env. Qual. Review-"E" Designation
175	CON EDISON	FO 267 STUYVESANT AVE	593 feet to the SSW	Hazardous Waste Generator/Transporter
137	CON EDISON	OPP 623 MADISON ST	165 feet to the SW*	Hazardous Waste Generator/Transporter
13	701 PUTNAM AVE.	701 PUTNAM AVE	584 feet to the SW	Closed Status Tank Failure
179	CON EDISON	716 PUTNAM AV	617 feet to the SW	Hazardous Waste Generator/Transporter
136	CON EDISON	FO 623 MADISON ST	135 feet to the WSW*	Hazardous Waste Generator/Transporter
155	CON EDISON	622 MADISON AVE	489 feet to the WSW	Hazardous Waste Generator/Transporter
162	CON EDISON	588 MONROE ST	534 feet to the W	Hazardous Waste Generator/Transporter
172	CON EDISON	589 MADISON STREET	567 feet to the W	Hazardous Waste Generator/Transporter
140	CON EDISON	219 STUYVESANT AVE	211 feet to the WNW	Hazardous Waste Generator/Transporter
105	219047; MONROE ST AND STUYVESANT AVE	MONROE ST AND STUYVESANT AVE	330 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
147	CON EDISON	MONROE ST &STUYVESANT AVE	330 feet to the WNW	Hazardous Waste Generator/Transporter
148	CONSOLIDATED EDISON	STYVESANT AVE & MONROE ST – MH 2249	330 feet to the WNW	Hazardous Waste Generator/Transporter
134	CON EDISON	622 MONROE ST	116 feet to the NW*	Hazardous Waste Generator/Transporter
31	SERVICE BOX 30619	620A MONROE ST	131 feet to the NW*	Closed Status Spill (Unk/Other Cause)
138	CON EDISON	FRONT OF 620 MONROE	187 feet to the NW*	Hazardous Waste Generator/Transporter
139	CON ED	620 MONROE STREET	187 feet to the NW*	Hazardous Waste Generator/Transporter
159	CONSOLIDATED EDISON	V#4841 – STUYVEWT GATES	531 feet to the NW	Hazardous Waste Generator/Transporter
160	CONSOLIDATED EDISON CO	V4841 STUYVESANT	531 feet to the NW	Hazardous Waste Generator/Transporter
161	CON EDISON	N/E/C GATES AVE & STUYVESANT AVE	531 feet to the NW	Hazardous Waste Generator/Transporter
178	CON EDISON	FO 825 GATES AVE	616 feet to the NW	Hazardous Waste Generator/Transporter
187	CON EDISON	825 GATES AVE	657 feet to the NW	Hazardous Waste Generator/Transporter
188	CON EDISON	825 GATES AV	657 feet to the NW	Hazardous Waste Generator/Transporter

189	CON EDISON	825 GATES AV	657 feet to the NW	Hazardous Waste Generator/Transporter
190	CON EDISON	825 GATES AV	657 feet to the NW	Hazardous Waste Generator/Transporter
141	CON EDISON	OPP 622 MONROE ST	217 feet to the NNW	Hazardous Waste Generator/Transporter
163	NYCHA – STUYVESANT GARDENS	835 GATES AVE	534 feet to the NNW	Hazardous Waste Generator/Transporter
164	NYCHA – STUYVESANT HOUSES	845 GATES AVE	534 feet to the NNW	Hazardous Waste Generator/Transporter
132	STUYVESANT GARDENS	841 GATES AVENUE	562 feet to the NNW	Petroleum Bulk Storage Site
109	STUYVESANT GARDENS	845 GATES AVENUE	568 feet to the NNW	Closed Status Spill (Misc. Spill Cause)

### 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
48	SERVICE BOX 11749	906 GREENE AVE	1204 feet to the N	Closed Status Spill (Unk/Other Cause)
15	JUNIOR HIGH SCHOOL 57	125 STUYVESANT AVENUE	1626 feet to the N	Closed Status Tank Failure
26	CLOSED–LACKOF RECENT INFO	125 STUYVESANT AVENUE	1626 feet to the N	Closed Status Tank Test Failure
71	DAYCARE CENTER	987 LAFAYETTE AVE	1893 feet to the N	Closed Status Spill (Unk/Other Cause)
74	SPILL NUMBER 9807531	1023 LAFAYETTE AVE	1960 feet to the N	Closed Status Spill (Unk/Other Cause)
88	28–32 MALCHOM X BLVD	28–32 MALCHOM X BLVD	2239 feet to the N	Closed Status Spill (Unk/Other Cause)
89	27–35 MALCHOM X BLVD	27–35 MALCHOM X BLVD	2295 feet to the N	Closed Status Spill (Unk/Other Cause)
10	2 DIFFERENT GETTY STATIONS – MISC	10 MALCOM X BLVD	2492 feet to the N	Active Haz Spill (Unknown/Other Cause)
5	FORMER GETTY SERVICE STATION NO. 00564	1103–1107 DEKALB AVENUE	2508 feet to the N	Brownfields Site
60	962 GREENE AVE	962 GREENE AVE	1497 feet to the NNE	Closed Status Spill (Unk/Other Cause)
75	1054–1066 LAFAYETTE AVE	1054–1066 LAFAYETTE AVE	1965 feet to the NNE	Closed Status Spill (Unk/Other Cause)
82	FORMER GAS SATION	1086–1098 LAFAYETTE AVE	2148 feet to the NNE	Closed Status Spill (Unk/Other Cause)
63	217425; QUINCY AVE AND PATCHEN AVE	QUINCY AVE AND PATCHEN AVE	1546 feet to the NE	Closed Status Spill (Unk/Other Cause)
70	PATCHEN AVE & GREENE AVE	PATCHEN AVE & GREENE AVE	1863 feet to the NE	Closed Status Spill (Unk/Other Cause)
116	PATCHEN AV &	GREENE AV	1863 feet to the NE	Closed Status Spill (Misc. Spill Cause)
2	FORMER LEXINGTON LAUNDRY SERVICE	853 LEXINGTON AVENUE	1977 feet to the NE	Brownfields Site
78	COBBLE HILL HEALTH CENTER	822 LEXINGTON AVE	2043 feet to the NE	Closed Status Spill (Unk/Other Cause)
3	FORMER MOTOR FREIGHT GARAGE	834 LEXINGTON AVENUE	2143 feet to the NE	Brownfields Site
8	CONSTRUCTION SITE	1038 GREENE AVE	2151 feet to the NE	Active Haz Spill (Unknown/Other Cause)
9	COMMERCIAL WAREHOUSE	834 LEXINGTON AVE	2155 feet to the NE	Active Haz Spill (Unknown/Other Cause)
4	FORMER B&Z STEEL EQUIPMENT CO.	1003 GREENE AVENUE	2199 feet to the NE	Brownfields Site
35	SPILL NUMBER 9812302	671 MONROE ST	667 feet to the ENE	Closed Status Spill (Unk/Other Cause)
52	MANHOLE #2245	MONROE ST/PATCHEN ST	1379 feet to the ENE	Closed Status Spill (Unk/Other Cause)
53	SPILL NUMBER 9807780	MONROE ST/ PATCHEN AVE	1379 feet to the ENE	Closed Status Spill (Unk/Other Cause)
57	MANHOLE #5809	GATES AV & PATCHEN AV	1441 feet to the ENE	Closed Status Spill (Unk/Other Cause)
58	VAULT # VS5809	GATES AVE / PATCHEN AVE	1441 feet to the ENE	Closed Status Spill (Unk/Other Cause)
27	APARTMENT BLDG.	940–950 GATES AVE	1685 feet to the ENE	Closed Status Tank Test Failure
119	ABANDONED BUILDING	964 GATES AVE	1976 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
77	ABANDONED BLDG	966 GATES AVE	1995 feet to the ENE	Closed Status Spill (Unk/Other Cause)
19	NYPD 81ST PCT	18 RALPH AVE	2265 feet to the ENE	Closed Status Tank Failure
28	32 RALPH AV – BKLN	32 RALPH AVENUE	2265 feet to the ENE	Closed Status Tank Test Failure
91	MANHOLE # 32303	SE CORNER OF GATES AVE /	2330 feet to the ENE	Closed Status Spill (Unk/Other Cause)
97	MANHOLE #DS2884	RALPH AVE/LEXINGTON AVE	2494 feet to the ENE	Closed Status Spill (Unk/Other Cause)
104	MH 63919	GROVE ST/ BROADWAY	2581 feet to the ENE	Closed Status Spill (Unk/Other Cause)

42	SERVICE BOX 28841	713A – 715 MADISON ST	1028 feet to the E	Closed Status Spill (Unk/Other Cause)
56	SERVICE BOX 31332	129 PATCHEN AVE	1432 feet to the E	Closed Status Spill (Unk/Other Cause)
80	SERVICE BOX 21468	861 JEFFERSON AVE	2135 feet to the E	Closed Status Spill (Unk/Other Cause)
12	FORMER SERVICE STATION –MTBE	79 RALPH AVE	2371 feet to the E	Active Haz Spill (Misc. Spill Cause)
94	AP MART	951 PUTNUM AVE	2386 feet to the E	Closed Status Spill (Unk/Other Cause)
17	743 HANCOCK STREET	743 HANCOCK STREET	1873 feet to the ESE	Closed Status Tank Failure
87	SERVICE BOX 20343	732 HALSEY ST	2231 feet to the ESE	Closed Status Spill (Unk/Other Cause)
20	742 HALSEY ST.	742 HALSEY ST	2318 feet to the ESE	Closed Status Tank Failure
1	192 RALPH AVENUE	192 RALPH AVE	2860 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site
36	JEFFERSON & REID AVE	JEFFERSON / REID AVE	832 feet to the SE	Closed Status Spill (Unk/Other Cause)
37	MANHOLE #21454	JEFFERSON AV MALCOM X BLV	832 feet to the SE	Closed Status Spill (Unk/Other Cause)
43	MANHOLE M3317	HANCOCK STREET & MALCOLM X BLVD	1048 feet to the SE	Closed Status Spill (Unk/Other Cause)
51	SERVICE BOX 20325	IFO 589–591 HALSEY ST	1330 feet to the SE	Closed Status Spill (Unk/Other Cause)
59	PRIVATE RESIDENCE	640 HALSEY ST	1477 feet to the SE	Closed Status Spill (Unk/Other Cause)
65	BUILDING	585 MACON ST	1627 feet to the SE	Closed Status Spill (Unk/Other Cause)
66	ARK SUPPLY CO– 718–443–4579	585 MACON AVE	1627 feet to the SE	Closed Status Spill (Unk/Other Cause)
7	RESIDENTIAL	467 MACDONOUGH STREET	1922 feet to the SE	Active Haz Spill (Unknown/Other Cause)
18	RESIDENCE	467 MACDONOUGH STREET	1922 feet to the SE	Closed Status Tank Failure
85	419 DECATUR	419 DECATUR ST	2222 feet to the SE	Closed Status Spill (Unk/Other Cause)
93	SB 17458	412 DECATUR ST	2369 feet to the SE	Closed Status Spill (Unk/Other Cause)
86	MANHOLE 3340	386 DECATUR ST	2228 feet to the SSE	Closed Status Spill (Unk/Other Cause)
21	GULSTON HOME	182 BAINBRIDGE STREET	2345 feet to the SSE	Closed Status Tank Failure
29	141 CHAUNCEY ST/HOLY ROSA	141 CHAUNCEY ST	2442 feet to the SSE	Closed Status Tank Test Failure
103	TM966	CHAUNCY ST & REED AVE	2573 feet to the SSE	Closed Status Spill (Unk/Other Cause)
112	RESIDENT	494 MACON ST	1515 feet to the S	Closed Status Spill (Misc. Spill Cause)
64	KINEBREW RES	383 MCDONOUGH ST	1617 feet to the S	Closed Status Spill (Unk/Other Cause)
73	APT BUILDING	279 DECATUR ST	1959 feet to the S	Closed Status Spill (Unk/Other Cause)
76	SPILL NUMBER 0210891	DECATUR ST/STUYVESANT A	1992 feet to the S	Closed Status Spill (Unk/Other Cause)
22	416 STUYVESANT AVE	416 STUYVESANT AVE	2452 feet to the S	Closed Status Tank Failure
98	SB 16683	INFO 111 CHAUNCEY ST	2501 feet to the S	Closed Status Spill (Unk/Other Cause)
101	STUYVESANT AVE&CHAUNCEYST	STUYVESANT AV&CHAUNCEY ST	2528 feet to the S	Closed Status Spill (Unk/Other Cause)
38	PRIVATE RESIDENCE	616 JEFFERSON AVE	852 feet to the SSW	Closed Status Spill (Unk/Other Cause)
49	LEON GHYLL	483 HALSEY ST	1238 feet to the SSW	Closed Status Spill (Unk/Other Cause)
54	SERVICE BOX 20307	453 HALSEY ST	1398 feet to the SSW	Closed Status Spill (Unk/Other Cause)
55	451 HALSEY STREET	451 HALSEY STREET	1409 feet to the SSW	Closed Status Spill (Unk/Other Cause)
61	455 MACON ST	455 MACON ST	1509 feet to the SSW	Closed Status Spill (Unk/Other Cause)
62	CONSTRUCITON SITE	494 HALSEY STREET	1541 feet to the SSW	Closed Status Spill (Unk/Other Cause)
115	SPILL NUMBER 0205548	MACON ST & LEWIS AVE	1802 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
117	GROUND	378 LEWIS AVE	1908 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
118	RESIDENCE	376 LEWIS AVE	1908 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
120	CULPEPPER RESIDENCE	235 DECATUR STREET	2116 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
122	HOUSE	225 DECATUR AVE	2158 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
23	157 DECATUR STREET	157 DECATUR STREET	2600 feet to the SW	Closed Status Tank Failure
44	ROADWAY	LEWIS AND PUTNAM AVE	1148 feet to the WSW	Closed Status Spill (Unk/Other Cause)
45	TM 960	PUTNAM AVE/LEWIS AVE.	1148 feet to the WSW	Closed Status Spill (Unk/Other Cause)

50	PRIVATE RESIDENCE	310 LEWIS AVE	1271 feet to the WSW	Closed Status Spill (Unk/Other Cause)
68	PAMOJA HOUSE	357 MARCUS DARBY BLVD	1660 feet to the WSW	Closed Status Spill (Unk/Other Cause)
113	612 PUTNAM AVE	612 PUTNAM AVE	1660 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
84	GAMBLE HOME	471 JEFFERSON AVE	2219 feet to the WSW	Closed Status Spill (Unk/Other Cause)
99	APARTMENT BUILDING	522 PUTMAN AVE	2521 feet to the WSW	Closed Status Spill (Unk/Other Cause)
102	400 HANCOCK ST	400 HANCOCK STREET	2549 feet to the WSW	Closed Status Spill (Unk/Other Cause)
125	400 HANCOCK STREET	400 HANCOCK STREET	2549 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
46	RESIDENCE	260 LEWIS AVE	1170 feet to the W	Closed Status Spill (Unk/Other Cause)
69	APARTMENT BLDG	492 MONROE ST	1738 feet to the W	Closed Status Spill (Unk/Other Cause)
83	RESIDENCE	439 MONROE ST	2206 feet to the W	Closed Status Spill (Unk/Other Cause)
96	MANHOLE 2145	500 QUINCY ST	2483 feet to the W	Closed Status Spill (Unk/Other Cause)
11	RESIDENCE	415 MONROE STREET	2503 feet to the W	Active Haz Spill (Unknown/Other Cause)
30	NYC PUBLIC SCHOOL PS44	432 MONROE ST	2521 feet to the W	Closed Status Tank Test Failure
24	STUYVESANT GARDENS –NYCHA	734 GATES AVENUE	968 feet to the WNW	Closed Status Tank Test Failure
25	STUYVESANT GARDENS –NYCHA	734 GATES AVENUE	968 feet to the WNW	Closed Status Tank Test Failure
40	STUYVESANT GARDENS –NYCHA	734 GATES AVENUE	968 feet to the WNW	Closed Status Spill (Unk/Other Cause)
16	SPILL NUMBER 9902888	545A QUINCY ST	1688 feet to the WNW	Closed Status Tank Failure
90	IFO 516 LEXINGTON AVE	516 LEXINGTON AVE	2312 feet to the WNW	Closed Status Spill (Unk/Other Cause)
123	IFO	541 LEXINGTON AVE	2358 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
95	RESIDENCE	719 GREENE AVE	2424 feet to the WNW	Closed Status Spill (Unk/Other Cause)
124	226 MARCUS GARVEY BLVD	226 MARCUS GARVEY BLVD	2440 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
41	VACANT LOT	640 LEXINGTON AVE	997 feet to the NW	Closed Status Spill (Unk/Other Cause)
111	816 GREENE AVE/BROOKLYN	816 GREENE AVE	1457 feet to the NW	Closed Status Spill (Misc. Spill Cause)
67	APARTMENT BUILDING	794 GREENE AVE	1645 feet to the NW	Closed Status Spill (Unk/Other Cause)
114	SERVICE VAULT 3003	GREEN AV/LEWIS AV	1672 feet to the NW	Closed Status Spill (Misc. Spill Cause)
100	SERVICE BOX 11138	IFO 413 KOSCIUSKO ST	2525 feet to the NW	Closed Status Spill (Unk/Other Cause)
110	VAULT VS5630	STUYVESANT AVE & QUINCY S	774 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
39	VACANT LOT	174 STUYVESANT AVE	876 feet to the NNW	Closed Status Spill (Unk/Other Cause)
47	PVT DWELLING	874 GREEN AVE	1196 feet to the NNW	Closed Status Spill (Unk/Other Cause)
14	850 GREEN AVE	850 GREEN AVE	1263 feet to the NNW	Closed Status Tank Failure
72	RESIDENCE	953 LAFAYETTE AVE	1918 feet to the NNW	Closed Status Spill (Unk/Other Cause)
79	APARTMENT BLDG	531 KOSCIUSKO STREET	2129 feet to the NNW	Closed Status Spill (Unk/Other Cause)
121	BASEMENT FLOOR – CONCRETE	531 KOSCIUSKO STREET	2129 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
81	SPILL NUMBER 0314156	458 KOSCIUSZKO STREET	2146 feet to the NNW	Closed Status Spill (Unk/Other Cause)
92	MANHOLE 10990	DEKALB AVE/STUYVESANT AVE	2360 feet to the NNW	Closed Status Spill (Unk/Other Cause)

# Identified Toxic Sites by Category

633 Madison Street  
Brooklyn, NY 11221

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

<b>NYSDEC Inactive Haz. Waste Disposal Site Registry --- Total Sites - 1</b>			<b>Database searched at 1 MILE - ASTM required search distance: 1 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	224042	192 RALPH AVENUE	192 RALPH AVE	2860 feet to the ESE
<b>Brownfields Sites --- Total Sites - 4</b>			<b>Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
2	C224180	FORMER LEXINGTON LAUNDRY SERVICE	853 LEXINGTON AVENUE	1977 feet to the NE
3	C224202	FORMER MOTOR FREIGHT GARAGE	834 LEXINGTON AVENUE	2143 feet to the NE
4	C224195	FORMER B&Z STEEL EQUIPMENT CO.	1003 GREENE AVENUE	2199 feet to the NE
5	C224176	FORMER GETTY SERVICE STATION NO. 00564	1103-1107 DEKALB AVENUE	2508 feet to the N
<b>Active Tank Test Failures --- Total Sites - 1</b>			<b>Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
6	9603356	STUYVESANT GARDENS -NYCHA	875 GATES AVE	618 feet to the NNE
<b>Active Haz Spills (Unknown Causes &amp; Other Causes) --- Total Sites - 5</b>			<b>Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
7	0612764	RESIDENTIAL	467 MACDONOUGH STREET	1922 feet to the SE
8	1502938	CONSTRUCTION SITE	1038 GREENE AVE	2151 feet to the NE
9	1408617	COMMERCIAL WAREHOUSE	834 LEXINGTON AVE	2155 feet to the NE
10	0612492	2 DIFFERENT GETTY STATIONS - MISC	10 MALCOM X BLVD	2492 feet to the N
11	1411416	RESIDENCE	415 MONROE STREET	2503 feet to the W
<b>Active Haz Spills (Miscellaneous Spill Causes) --- Total Sites - 1</b>			<b>Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
12	9805815	FORMER SERVICE STATION -MTBE	79 RALPH AVE	2371 feet to the E
<b>Closed Status Tank Failures --- Total Sites - 11</b>			<b>Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
13	9206194	701 PUTNAM AVE.	701 PUTNAM AVE	584 feet to the SW
14	0612617	850 GREEN AVE	850 GREEN AVE	1263 feet to the NNW
15	9605970	JUNIOR HIGH SCHOOL 57	125 STUYVESANT AVENUE	1626 feet to the N
16	9902888	SPILL NUMBER 9902888	545A QUINCY ST	1688 feet to the WNW
17	9207660	743 HANCOCK STREET	743 HANCOCK STREET	1873 feet to the ESE
18	0504491	RESIDENCE	467 MACDONOUGH STREET	1922 feet to the SE
19	9513317	NYPD 81ST PCT	18 RALPH AVE	2265 feet to the ENE
20	9401949	742 HALSEY ST.	742 HALSEY ST	2318 feet to the ESE
21	0513938	GULSTON HOME	182 BAINBRIDGE STREET	2345 feet to the SSE
22	9509924	416 STUYVESANT AVE	416 STUYVESANT AVE	2452 feet to the S
23	9207785	157 DECATUR STREET	157 DECATUR STREET	2600 feet to the SW
<b>Closed Status Tank Test Failures --- Total Sites - 7</b>			<b>Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
24	9804491	STUYVESANT GARDENS -NYCHA	734 GATES AVENUE	968 feet to the WNW
25	9100104	STUYVESANT GARDENS -NYCHA	734 GATES AVENUE	968 feet to the WNW
26	9305256	CLOSED-LACKOF RECENT INFO	125 STUYVESANT AVENUE	1626 feet to the N
27	0400812	APARTMENT BLDG.	940-950 GATES AVE	1685 feet to the ENE
28	8910005	32 RALPH AV - BKLN	32 RALPH AVENUE	2265 feet to the ENE

29	8706770	141 CHAUNCEY ST/HOLY ROSA	141 CHAUNCEY ST	2442 feet to the SSE
30	0007993	NYC PUBLIC SCHOOL PS44	432 MONROE ST	2521 feet to the W

**Closed Status Spills (Unknown Causes & Other Causes) -- Total Sites - 74 Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
31	9814841	SERVICE BOX 30619	620A MONROE ST	131 feet to the NW*
32	0310353	REISIDENT	661 JEFFERSON AVE	539 feet to the SSE
33	9314684	183 MALCOM-X BLVD.	183 MALCOM-X BLVD	642 feet to the E
34	0911795	INTERSECTION OF MALCOM X BVLD & PUTMAN AVE	INTERSECTION OF MALCOM X BVLD & PUTMAN AVE	651 feet to the ESE
35	9812302	SPILL NUMBER 9812302	671 MONROE ST	667 feet to the ENE
36	8504834	JEFFERSON & REID AVE	JEFFERSON / REID AVE	832 feet to the SE
37	0502379	MANHOLE #21454	JEFFERSON AV MALCOM X BLV	832 feet to the SE
38	0912009	PRIVATE RESIDENCE	616 JEFFERSON AVE	852 feet to the SSW
39	9904030	VACANT LOT	174 STUYVESANT AVE	876 feet to the NNW
40	9801011	STUYVESANT GARDENS -NYCHA	734 GATES AVENUE	968 feet to the WNW
41	9713919	VACANT LOT	640 LEXINGTON AVE	997 feet to the NW
42	9914774	SERVICE BOX 28841	713A - 715 MADISON ST	1028 feet to the E
43	0613000	MANHOLE M3317	HANCOCK STREET & MALCOLM X BLVD	1048 feet to the SE
44	1009732	ROADWAY	LEWIS AND PUTNAM AVE	1148 feet to the WSW
45	0500920	TM 960	PUTNAM AVE/LEWIS AVE.	1148 feet to the WSW
46	9810787	RESIDENCE	260 LEWIS AVE	1170 feet to the W
47	1010926	PVT DWELLING	874 GREEN AVE	1196 feet to the NNW
48	0304209	SERVICE BOX 11749	906 GREENE AVE	1204 feet to the N
49	0109107	LEON GHYLL	483 HALSEY ST	1238 feet to the SSW
50	1214960	PRIVATE RESIDENCE	310 LEWIS AVE	1271 feet to the WSW
51	0003234	SERVICE BOX 20325	IFO 589-591 HALSEY ST	1330 feet to the SE
52	9808711	MANHOLE #2245	MONROE ST/PATCHEN ST	1379 feet to the ENE
53	9807780	SPILL NUMBER 9807780	MONROE ST/ PATCHEN AVE	1379 feet to the ENE
54	0012025	SERVICE BOX 20307	453 HALSEY ST	1398 feet to the SSW
55	0708170	451 HALSEY STREET	451 HALSEY STREET	1409 feet to the SSW
56	0208654	SERVICE BOX 31332	129 PATCHEN AVE	1432 feet to the E
57	0209538	MANHOLE #5809	GATES AV & PATCHEN AV	1441 feet to the ENE
58	0207780	VAULT # VS5809	GATES AVE / PATCHEN AVE	1441 feet to the ENE
59	1215240	PRIVATE RESIDENCE	640 HALSEY ST	1477 feet to the SE
60	9412668	962 GREENE AVE	962 GREENE AVE	1497 feet to the NNE
61	9913169	455 MACON ST	455 MACON ST	1509 feet to the SSW
62	0703125	CONSTRUCITON SITE	494 HALSEY STREET	1541 feet to the SSW
63	0914300	217425; QUINCY AVE AND PATCHEN AVE	QUINCY AVE AND PATCHEN AVE	1546 feet to the NE
64	9904192	KINEBREW RES	383 MCDONOUGH ST	1617 feet to the S
65	0610690	BUILDING	585 MACON ST	1627 feet to the SE
66	0609322	ARK SUPPLY CO- 718-443-4579	585 MACON AVE	1627 feet to the SE
67	9515951	APARTMENT BUILDING	794 GREENE AVE	1645 feet to the NW
68	1102689	PAMOJA HOUSE	357 MARCUS DARBY BLVD	1660 feet to the WSW
69	1201143	APARTMENT BLDG	492 MONROE ST	1738 feet to the W
70	9905403	PATCHEN AVE & GREENE AVE	PATCHEN AVE & GREENE AVE	1863 feet to the NE
71	1410980	DAYCARE CENTER	987 LAFAYETTE AVE	1893 feet to the N
72	0310396	RESIDENCE	953 LAFAYETTE AVE	1918 feet to the NNW
73	0013467	APT BUILDING	279 DECATUR ST	1959 feet to the S
74	9807531	SPILL NUMBER 9807531	1023 LAFAYETTE AVE	1960 feet to the N
75	9804807	1054-1066 LAFAYETTE AVE	1054-1066 LAFAYETTE AVE	1965 feet to the NNE
76	0210891	SPILL NUMBER 0210891	DECATUR ST/STUYVESANT A	1992 feet to the S
77	9614376	ABANDONED BLDG	966 GATES AVE	1995 feet to the ENE
78	0808184	COBBLE HILL HEALTH CENTER	822 LEXINGTON AVE	2043 feet to the NE

79	9702910	APARTMENT BLDG	531 KOSCIUSKO STREET	2129 feet to the NNW
80	9812957	SERVICE BOX 21468	861 JEFFERSON AVE	2135 feet to the E
81	0314156	SPILL NUMBER 0314156	458 KOSCIUSZKO STREET	2146 feet to the NNW
82	0412474	FORMER GAS SATION	1086-1098 LAFAYETTE AVE	2148 feet to the NNE
83	9812876	RESIDENCE	439 MONROE ST	2206 feet to the W
84	0412139	GAMBLE HOME	471 JEFFERSON AVE	2219 feet to the WSW
85	0305841	419 DECATUR	419 DECATUR ST	2222 feet to the SE
86	0104106	MANHOLE 3340	386 DECATUR ST	2228 feet to the SSE
87	9911681	SERVICE BOX 20343	732 HALSEY ST	2231 feet to the ESE
88	9804805	28-32 MALCHOM X BLVD	28-32 MALCHOM X BLVD	2239 feet to the N
89	9804806	27-35 MALCHOM X BLVD	27-35 MALCHOM X BLVD	2295 feet to the N
90	9812121	IFO 516 LEXINGTON AVE	516 LEXINGTON AVE	2312 feet to the WNW
91	0410019	MANHOLE # 32303	SE CORNER OF GATES AVE /	2330 feet to the ENE
92	9911155	MANHOLE 10990	DEKALB AVE/STUYVESANT AVE	2360 feet to the NNW
93	0303856	SB 17458	412 DECATUR ST	2369 feet to the SE
94	0611079	AP MART	951 PUTNUM AVE	2386 feet to the E
95	1409894	RESIDENCE	719 GREENE AVE	2424 feet to the WNW
96	0003599	MANHOLE 2145	500 QUINCY ST	2483 feet to the W
97	0503913	MANHOLE #DS2884	RALPH AVE/LEXINGTON AVE	2494 feet to the ENE
98	0005768	SB 16683	INFO 111 CHAUNCEY ST	2501 feet to the S
99	0700577	APARTMENT BUILDING	522 PUTMAN AVE	2521 feet to the WSW
100	0002781	SERVICE BOX 11138	IFO 413 KOSCIUSKO ST	2525 feet to the NW
101	9011158	STUYVESANT AVE&CHAUNCEYST	STUYVESANT AV&CHAUNCEY ST	2528 feet to the S
102	9314540	400 HANCOCK ST	400 HANCOCK STREET	2549 feet to the WSW
103	0000542	TM966	CHAUNCY ST & REED AVE	2573 feet to the SSE
104	0103937	MH 63919	GROVE ST/ BROADWAY	2581 feet to the ENE

**Closed Status Spills (Miscellaneous Spill Causes) -- Total Sites - 21**

MAP ID	FACILITY ID	FACILITY NAME
105	0914593	219047; MONROE ST AND STUYVESANT AVE
106	9511049	738 PUTNAM AVE
107	0610816	UNKNOWN
108	1110104	BRATWAITE RESIDENCE
109	9604712	STUYVESANT GARDENS
110	9901275	VAULT VS5630
111	8809223	816 GREENE AVE/BROOKLYN
112	0310355	RESIDENT
113	8908416	612 PUTNAM AVE
114	0102569	SERVICE VAULT 3003
115	0205548	SPILL NUMBER 0205548
116	9905402	PATCHEN AV &
117	1410470	GROUND
118	1410440	RESIDENCE
119	9614384	ABANDONED BUILDING
120	0612863	CULPEPPER RESIDENCE
121	9702904	BASEMENT FLOOR - CONCRETE
122	9713736	HOUSE
123	9605506	IFO
124	9512384	226 MARCUS GARVEY BLVD
125	9314539	400 HANCOCK STREET

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

FACILITY STREET	DISTANCE & DIRECTION
MONROE ST AND STUYVESANT AVE	330 feet to the WNW
738 PUTNAM AVE	454 feet to the S
738 PUTNAM AVE	454 feet to the S
788 PUTNAM AVE	567 feet to the SE
845 GATES AVENUE	568 feet to the NNW
STUYVESANT AVE & QUINCY S	774 feet to the NNW
816 GREENE AVE	1457 feet to the NW
494 MACON ST	1515 feet to the S
612 PUTNAM AVE	1660 feet to the WSW
GREEN AV/LEWIS AV	1672 feet to the NW
MACON ST & LEWIS AVE	1802 feet to the SSW
GREENE AV	1863 feet to the NE
378 LEWIS AVE	1908 feet to the SSW
376 LEWIS AVE	1908 feet to the SSW
964 GATES AVE	1976 feet to the ENE
235 DECATUR STREET	2116 feet to the SSW
531 KOSCIUSKO STREET	2129 feet to the NNW
225 DECATUR AVE	2158 feet to the SSW
541 LEXINGTON AVE	2358 feet to the WNW
226 MARCUS GARVEY BLVD	2440 feet to the WNW
400 HANCOCK STREET	2549 feet to the WSW

**Petroleum Bulk Storage Sites --- Total Sites - 8**

MAP ID	FACILITY ID	FACILITY NAME
126	2-279544	651 MADISON
127	2-466735	651 MADISON STREET HDFC
128	2-355704	JUNIOR HIGH SCHOOL 324 - BROOKLYN K324
129	NY05255	JANE METHODIST
130	2-610973	192-194 MALCOLM X BLVD
131	NY05015	IRVING CARTER
132	2-601881	STUYVESANT GARDENS
133	2-601880	STUYVESANT GARDENS

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

FACILITY STREET	DISTANCE & DIRECTION
651 MADISON ST	259 feet to the ENE
651 MADISON STREET	259 feet to the ENE
800 GATES AVENUE	349 feet to the N
170 MALCOLM X BLVD	462 feet to the ENE
192-194 MALCOLM X BOULEVARD	515 feet to the ESE
194 MALCOLM X BLVD	515 feet to the ESE
841 GATES AVENUE	562 feet to the NNW
875 GATES AVENUE	623 feet to the NNE

**Hazardous Waste Generators, Transporters --- Total Sites - 57**

MAP ID	FACILITY ID	FACILITY NAME
134	NYP004477915	CON EDISON
135	NYP004515177	CON EDISON
136	NYP004620233	CON EDISON
137	NYP004430161	CON EDISON
138	NYP004685244	CON EDISON
139	NYP004759189	CON ED
140	NYP004589479	CON EDISON
141	NYP004483947	CON EDISON
142	NYP004494449	CON EDISON
143	NYP004424859	CON EDISON
144	NYP004571725	CON EDISON
145	NYP004522835	CON EDISON
146	NYP004483939	CON EDISON
147	NYP004199527	CON EDISON
148	NYP004199535	CONSOLIDATED EDISON
149	NYP004522014	CON EDISON
150	NYP004552014	CON EDISON
151	NYP004556320	CON EDISON
152	NYP004563318	CON EDISON
153	NYP004622569	CON EDISON
154	NYP004661443	CON EDISON
155	NYP004478251	CON EDISON
156	NYP004601498	CON EDISON
157	NYP004706271	CON EDISON
158	NYP004732454	CON EDISON
159	NYP004004479	CONSOLIDATED EDISON
160	NYP004015392	CONSOLIDATED EDISON CO
161	NYP004505491	CON EDISON
162	NYP004505087	CON EDISON
163	NYR000051052	NYCHA - STUYVESANT GARDENS
164	NYR000098566	NYCHA - STUYVESANT HOUSES
165	NYP004488797	CON EDISON
166	NYP004483913	CON EDISON
167	NYP004528147	CON EDISON
168	NYP004528197	CON EDISON
169	NYP004548475	CON EDISON
170	NYP004185526	CONSOLIDATED EDISON
171	NYP004186526	CONSOLIDATED EDISON MH28837
172	NYP004476511	CON EDISON

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

FACILITY STREET	DISTANCE & DIRECTION
622 MONROE ST	116 feet to the NW*
643 MADISON ST	121 feet to the E*
FO 623 MADISON ST	135 feet to the WSW*
OPP 623 MADISON ST	165 feet to the SW*
FRONT OF 620 MONROE	187 feet to the NW*
620 MONROE STREET	187 feet to the NW*
219 STUYVESANT AVE	211 feet to the WNW
OPP 622 MONROE ST	217 feet to the NNW
674 MADISON STREET	236 feet to the SE
644 MONROE ST	237 feet to the ENE
680 MADISON ST	290 feet to the ESE
FRONT OF 684 MADISON ST	313 feet to the ESE
629 MONROE ST	319 feet to the NE
MONROE ST & STUYVESANT AVE	330 feet to the WNW
STUYVESANT AVE & MONROE ST - MH 2249	330 feet to the WNW
748 PUTNAM AV	442 feet to the S
748 PUTNAM AVE	442 feet to the S
748 PUTNAM AVE	442 feet to the S
779 PUTNAM AVE	470 feet to the ESE
814 GATES AVE	481 feet to the NNE
832 GATES AV	481 feet to the NNE
622 MADISON AVE	489 feet to the WSW
OPP 881 GATES AVE	510 feet to the NNE
OPP 881 GATES AVE	510 feet to the NNE
778 PUTNAM AV	518 feet to the SE
V#4841 - STUYVEWT GATES	531 feet to the NW
V4841 STUYVESANT	531 feet to the NW
N/E/C GATES AVE & STUYVESANT AVE	531 feet to the NW
588 MONROE ST	534 feet to the W
835 GATES AVE	534 feet to the NNW
845 GATES AVE	534 feet to the NNW
198 MALCOLM X BLVD	539 feet to the ESE
659 JEFFERSON ST	544 feet to the SSE
659 JEFFERSON AV	544 feet to the SSE
659 JEFFERSON AV	544 feet to the SSE
659 JEFFERSON AVE	544 feet to the SSE
MALCOLMX BLVD & MADISON AVE - MH 28837	554 feet to the E
MH28837 MALCOLM X BLVD & MADISON	554 feet to the E
589 MADISON STREET	567 feet to the W

173	NYP004430088	CON EDISON	677 JEFFERSON AVE	581 feet to the SSE
174	NYP004747465	CON EDISON	790 PUTNAM AVE	584 feet to the SE
175	NYP004582953	CON EDISON	FO 267 STUYVESANT AVE	593 feet to the SSW
176	NYP004485603	CON EDISON	OPP 885 GATES AVE	601 feet to the NE
177	NYP004432423	CON EDISON	FRONT OF 649 JEFFERSON AVE	604 feet to the S
178	NYP004635031	CON EDISON	FO 825 GATES AVE	616 feet to the NW
179	NYP004531976	CON EDISON	716 PUTNAM AV	617 feet to the SW
180	NYP004512042	CON EDISON	173 MALCOLM X BLVD	618 feet to the E
181	NYP004658563	CON EDISON	173 MALCOLMX BLVD	618 feet to the E
182	NYP004737102	CON EDISON	693 JEFFERSON AVE	621 feet to the SE
183	NYP004775185	CON EDISON	693 JEFFERSON AVE	621 feet to the SE
184	NYP004477683	CON EDISON	F/O 664 JEFFERSON AVE	650 feet to the SSE
185	NYP004201778	CONSOLIDATED EDISON	MALCOLM X BLVD & PUTNAM AVE – MH 63308	651 feet to the ESE
186	NYP004614640	CON EDISON	MALCOLM X BLVD & PUTNAM AVE	651 feet to the ESE
187	NYP004480786	CON EDISON	825 GATES AVE	657 feet to the NW
188	NYP004642120	CON EDISON	825 GATES AV	657 feet to the NW
189	NYP004657433	CON EDISON	825 GATES AV	657 feet to the NW
190	NYP004696431	CON EDISON	825 GATES AV	657 feet to the NW

**NYC Env. Quality Review – Env. Designation Sites -- Total Sites – 4**

MAP ID	FACILITY ID	FACILITY NAME
191	E-185	BLOCK: 1641 LOT: 67
192	E-185	BLOCK: 1641 LOT: 65
193	E-185	BLOCK: 1646 LOT: 13
194	E-185	BLOCK: 1646 LOT: 11

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

FACILITY STREET	DISTANCE & DIRECTION
635 MADISON STREET	27 feet to the ENE*
639 MADISON STREET	61 feet to the ENE*
652 MADISON STREET	177 feet to the SSW*
650 MADISON STREET	202 feet to the SSW

# Identified Toxic Sites by Proximity

633 Madison Street, Brooklyn, NY 11221

\* 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
191	BLOCK: 1641 LOT: 67	635 MADISON STREET	27 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
192	BLOCK: 1641 LOT: 65	639 MADISON STREET	61 feet to the ENE*	NYC Env. Qual. Review-"E" Designation
134	CON EDISON	622 MONROE ST	116 feet to the NW*	Hazardous Waste Generator/Transporter
135	CON EDISON	643 MADISON ST	121 feet to the E*	Hazardous Waste Generator/Transporter
31	SERVICE BOX 30619	620A MONROE ST	131 feet to the NW*	Closed Status Spill (Unk/Other Cause)
136	CON EDISON	FO 623 MADISON ST	135 feet to the WSW*	Hazardous Waste Generator/Transporter
137	CON EDISON	OPP 623 MADISON ST	165 feet to the SW*	Hazardous Waste Generator/Transporter
193	BLOCK: 1646 LOT: 13	652 MADISON STREET	177 feet to the SSW*	NYC Env. Qual. Review-"E" Designation
138	CON EDISON	FRONT OF 620 MONROE	187 feet to the NW*	Hazardous Waste Generator/Transporter
139	CON ED	620 MONROE STREET	187 feet to the NW*	Hazardous Waste Generator/Transporter
194	BLOCK: 1646 LOT: 11	650 MADISON STREET	202 feet to the SSW	NYC Env. Qual. Review-"E" Designation
140	CON EDISON	219 STUYVESANT AVE	211 feet to the WNW	Hazardous Waste Generator/Transporter
141	CON EDISON	OPP 622 MONROE ST	217 feet to the NNW	Hazardous Waste Generator/Transporter
142	CON EDISON	674 MADISON STREET	236 feet to the SE	Hazardous Waste Generator/Transporter
143	CON EDISON	644 MONROE ST	237 feet to the ENE	Hazardous Waste Generator/Transporter
126	651 MADISON	651 MADISON ST	259 feet to the ENE	Petroleum Bulk Storage Site
127	651 MADISON STREET HDFC	651 MADISON STREET	259 feet to the ENE	Petroleum Bulk Storage Site
144	CON EDISON	680 MADISON ST	290 feet to the ESE	Hazardous Waste Generator/Transporter
145	CON EDISON	FRONT OF 684 MADISON ST	313 feet to the ESE	Hazardous Waste Generator/Transporter
146	CON EDISON	629 MONROE ST	319 feet to the NE	Hazardous Waste Generator/Transporter
105	219047; MONROE ST AND STUYVESANT AVE	MONROE ST AND STUYVESANT AVE	330 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
147	CON EDISON	MONROE ST & STUYVESANT AVE	330 feet to the WNW	Hazardous Waste Generator/Transporter
148	CONSOLIDATED EDISON	STYVESANT AVE & MONROE ST – MH 2249	330 feet to the WNW	Hazardous Waste Generator/Transporter
128	JUNIOR HIGH SCHOOL 324 – BROOKLYN K324	800 GATES AVENUE	349 feet to the N	Petroleum Bulk Storage Site
149	CON EDISON	748 PUTNAM AV	442 feet to the S	Hazardous Waste Generator/Transporter
150	CON EDISON	748 PUTNAM AVE	442 feet to the S	Hazardous Waste Generator/Transporter
151	CON EDISON	748 PUTNAM AVE	442 feet to the S	Hazardous Waste Generator/Transporter
106	738 PUTNAM AVE	738 PUTNAM AVE	454 feet to the S	Closed Status Spill (Misc. Spill Cause)
107	UNKNOWN	738 PUTNAM AVE	454 feet to the S	Closed Status Spill (Misc. Spill Cause)
129	JANE METHODIST	170 MALCOLM X BLVD	462 feet to the ENE	Petroleum Bulk Storage Site
152	CON EDISON	779 PUTNAM AVE	470 feet to the ESE	Hazardous Waste Generator/Transporter
153	CON EDISON	814 GATES AVE	481 feet to the NNE	Hazardous Waste Generator/Transporter
154	CON EDISON	832 GATES AV	481 feet to the NNE	Hazardous Waste Generator/Transporter
155	CON EDISON	622 MADISON AVE	489 feet to the WSW	Hazardous Waste Generator/Transporter
156	CON EDISON	OPP 881 GATES AVE	510 feet to the NNE	Hazardous Waste Generator/Transporter
157	CON EDISON	OPP 881 GATES AVE	510 feet to the NNE	Hazardous Waste Generator/Transporter
130	192-194 MALCOLM X BLVD	192-194 MALCOLM X BOULEVARDD	515 feet to the ESE	Petroleum Bulk Storage Site
131	IRVING CARTER	194 MALCOLM X BLVD	515 feet to the ESE	Petroleum Bulk Storage Site
158	CON EDISON	778 PUTNAM AV	518 feet to the SE	Hazardous Waste Generator/Transporter
159	CONSOLIDATED EDISON	V#4841 – STUYVEWT GATES	531 feet to the NW	Hazardous Waste Generator/Transporter
160	CONSOLIDATED EDISON CO	V4841 STUYVESANT	531 feet to the NW	Hazardous Waste Generator/Transporter
161	CON EDISON	N/E/C GATES AVE & STUYVESANT AVE	531 feet to the NW	Hazardous Waste Generator/Transporter
162	CON EDISON	588 MONROE ST	534 feet to the W	Hazardous Waste Generator/Transporter
163	NYCHA – STUYVESANT GARDENS	835 GATES AVE	534 feet to the NNW	Hazardous Waste Generator/Transporter
164	NYCHA – STUYVESANT HOUSES	845 GATES AVE	534 feet to the NNW	Hazardous Waste Generator/Transporter

32	REISIDENT	661 JEFFERSON AVE	539 feet to the SSE	Closed Status Spill (Unk/Other Cause)
165	CON EDISON	198 MALCOLM X BLVD	539 feet to the ESE	Hazardous Waste Generator/Transporter
166	CON EDISON	659 JEFFERSON ST	544 feet to the SSE	Hazardous Waste Generator/Transporter
167	CON EDISON	659 JEFFERSON AV	544 feet to the SSE	Hazardous Waste Generator/Transporter
168	CON EDISON	659 JEFFERSON AV	544 feet to the SSE	Hazardous Waste Generator/Transporter
169	CON EDISON	659 JEFFERSON AVE	544 feet to the SSE	Hazardous Waste Generator/Transporter
170	CONSOLIDATED EDISON	MALCOLMX BLVD & MADISON AVE – MH 28837	554 feet to the E	Hazardous Waste Generator/Transporter
171	CONSOLIDATED EDISON MH28837	MH28837 MALCOLM X BLVD & MADISON	554 feet to the E	Hazardous Waste Generator/Transporter
132	STUYVESANT GARDENS	841 GATES AVENUE	562 feet to the NNW	Petroleum Bulk Storage Site
108	BRATWAITE RESIDENCE	788 PUTNAM AVE	567 feet to the SE	Closed Status Spill (Misc. Spill Cause)
172	CON EDISON	589 MADISON STREET	567 feet to the W	Hazardous Waste Generator/Transporter
109	STUYVESANT GARDENS	845 GATES AVENUE	568 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
173	CON EDISON	677 JEFFERSON AVE	581 feet to the SSE	Hazardous Waste Generator/Transporter
13	701 PUTNAM AVE.	701 PUTNAM AVE	584 feet to the SW	Closed Status Tank Failure
174	CON EDISON	790 PUTNAM AVE	584 feet to the SE	Hazardous Waste Generator/Transporter
175	CON EDISON	FO 267 STUYVESANT AVE	593 feet to the SSW	Hazardous Waste Generator/Transporter
176	CON EDISON	OPP 885 GATES AVE	601 feet to the NE	Hazardous Waste Generator/Transporter
177	CON EDISON	FRONT OF 649 JEFFERSON AVE	604 feet to the S	Hazardous Waste Generator/Transporter
178	CON EDISON	FO 825 GATES AVE	616 feet to the NW	Hazardous Waste Generator/Transporter
179	CON EDISON	716 PUTNAM AV	617 feet to the SW	Hazardous Waste Generator/Transporter
6	STUYVESANT GARDENS –NYCHA	875 GATES AVE	618 feet to the NNE	Active Tank Test Failure
180	CON EDISON	173 MALCOLM X BLVD	618 feet to the E	Hazardous Waste Generator/Transporter
181	CON EDISON	173 MALCOLMX BLVD	618 feet to the E	Hazardous Waste Generator/Transporter
182	CON EDISON	693 JEFFERSON AVE	621 feet to the SE	Hazardous Waste Generator/Transporter
183	CON EDISON	693 JEFFERSON AVE	621 feet to the SE	Hazardous Waste Generator/Transporter
133	STUYVESANT GARDENS	875 GATES AVENUE	623 feet to the NNE	Petroleum Bulk Storage Site
33	183 MALCOM–X BLVD.	183 MALCOM–X BLVD	642 feet to the E	Closed Status Spill (Unk/Other Cause)
184	CON EDISON	F/O 664 JEFFERSON AVE	650 feet to the SSE	Hazardous Waste Generator/Transporter
34	INTERSECTION OF MALCOM X BVLD & PUTMAN AVE	INTERSECTION OF MALCOM X BVLD & PUTMAN AVE	651 feet to the ESE	Closed Status Spill (Unk/Other Cause)
185	CONSOLIDATED EDISON	MALCOLM X BLVD & PUTNAM AVE – MH 63308	651 feet to the ESE	Hazardous Waste Generator/Transporter
186	CON EDISON	MALCOLM X BLVD & PUTNAM AVE	651 feet to the ESE	Hazardous Waste Generator/Transporter
187	CON EDISON	825 GATES AVE	657 feet to the NW	Hazardous Waste Generator/Transporter
188	CON EDISON	825 GATES AV	657 feet to the NW	Hazardous Waste Generator/Transporter
189	CON EDISON	825 GATES AV	657 feet to the NW	Hazardous Waste Generator/Transporter
190	CON EDISON	825 GATES AV	657 feet to the NW	Hazardous Waste Generator/Transporter
35	SPILL NUMBER 9812302	671 MONROE ST	667 feet to the ENE	Closed Status Spill (Unk/Other Cause)
110	VAULT VS5630	STUYVESANT AVE & QUINCY S	774 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
36	JEFFERSON & REID AVE	JEFFERSON / REID AVE	832 feet to the SE	Closed Status Spill (Unk/Other Cause)
37	MANHOLE #21454	JEFFERSON AV MALCOM X BLV	832 feet to the SE	Closed Status Spill (Unk/Other Cause)
38	PRIVATE RESIDENCE	616 JEFFERSON AVE	852 feet to the SSW	Closed Status Spill (Unk/Other Cause)
39	VACANT LOT	174 STUYVESANT AVE	876 feet to the NNW	Closed Status Spill (Unk/Other Cause)
24	STUYVESANT GARDENS –NYCHA	734 GATES AVENUE	968 feet to the WNW	Closed Status Tank Test Failure
25	STUYVESANT GARDENS –NYCHA	734 GATES AVENUE	968 feet to the WNW	Closed Status Tank Test Failure
40	STUYVESANT GARDENS –NYCHA	734 GATES AVENUE	968 feet to the WNW	Closed Status Spill (Unk/Other Cause)
41	VACANT LOT	640 LEXINGTON AVE	997 feet to the NW	Closed Status Spill (Unk/Other Cause)
42	SERVICE BOX 28841	713A – 715 MADISON ST	1028 feet to the E	Closed Status Spill (Unk/Other Cause)
43	MANHOLE M3317	HANCOCK STREET & MALCOLM X BLVD	1048 feet to the SE	Closed Status Spill (Unk/Other Cause)
44	ROADWAY	LEWIS AND PUTNAM AVE	1148 feet to the WSW	Closed Status Spill (Unk/Other Cause)
45	TM 960	PUTNAM AVE/LEWIS AVE.	1148 feet to the WSW	Closed Status Spill (Unk/Other Cause)
46	RESIDENCE	260 LEWIS AVE	1170 feet to the W	Closed Status Spill (Unk/Other Cause)
47	PVT DWELLING	874 GREEN AVE	1196 feet to the NNW	Closed Status Spill (Unk/Other Cause)
48	SERVICE BOX 11749	906 GREENE AVE	1204 feet to the N	Closed Status Spill (Unk/Other Cause)
49	LEON GHYLL	483 HALSEY ST	1238 feet to the SSW	Closed Status Spill (Unk/Other Cause)

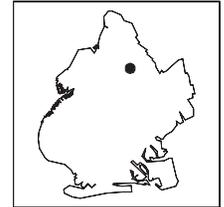
14	850 GREEN AVE	850 GREEN AVE	1263 feet to the NNW	Closed Status Tank Failure
50	PRIVATE RESIDENCE	310 LEWIS AVE	1271 feet to the WSW	Closed Status Spill (Unk/Other Cause)
51	SERVICE BOX 20325	IFO 589-591 HALSEY ST	1330 feet to the SE	Closed Status Spill (Unk/Other Cause)
52	MANHOLE #2245	MONROE ST/PATCHEN ST	1379 feet to the ENE	Closed Status Spill (Unk/Other Cause)
53	SPILL NUMBER 9807780	MONROE ST/ PATCHEN AVE	1379 feet to the ENE	Closed Status Spill (Unk/Other Cause)
54	SERVICE BOX 20307	453 HALSEY ST	1398 feet to the SSW	Closed Status Spill (Unk/Other Cause)
55	451 HALSEY STREET	451 HALSEY STREET	1409 feet to the SSW	Closed Status Spill (Unk/Other Cause)
56	SERVICE BOX 31332	129 PATCHEN AVE	1432 feet to the E	Closed Status Spill (Unk/Other Cause)
57	MANHOLE #5809	GATES AV & PATCHEN AV	1441 feet to the ENE	Closed Status Spill (Unk/Other Cause)
58	VAULT # VS5809	GATES AVE / PATCHEN AVE	1441 feet to the ENE	Closed Status Spill (Unk/Other Cause)
111	816 GREENE AVE/BROOKLYN	816 GREENE AVE	1457 feet to the NW	Closed Status Spill (Misc. Spill Cause)
59	PRIVATE RESIDENCE	640 HALSEY ST	1477 feet to the SE	Closed Status Spill (Unk/Other Cause)
60	962 GREENE AVE	962 GREENE AVE	1497 feet to the NNE	Closed Status Spill (Unk/Other Cause)
61	455 MACON ST	455 MACON ST	1509 feet to the SSW	Closed Status Spill (Unk/Other Cause)
112	RESIDENT	494 MACON ST	1515 feet to the S	Closed Status Spill (Misc. Spill Cause)
62	CONSTRUCITON SITE	494 HALSEY STREET	1541 feet to the SSW	Closed Status Spill (Unk/Other Cause)
63	217425; QUINCY AVE AND PATCHEN AVE	QUINCY AVE AND PATCHEN AVE	1546 feet to the NE	Closed Status Spill (Unk/Other Cause)
64	KINEBREW RES	383 MCDONOUGH ST	1617 feet to the S	Closed Status Spill (Unk/Other Cause)
15	JUNIOR HIGH SCHOOL 57	125 STUYVESANT AVENUE	1626 feet to the N	Closed Status Tank Failure
26	CLOSED-LACKOF RECENT INFO	125 STUYVESANT AVENUE	1626 feet to the N	Closed Status Tank Test Failure
65	BUILDING	585 MACON ST	1627 feet to the SE	Closed Status Spill (Unk/Other Cause)
66	ARK SUPPLY CO- 718-443-4579	585 MACON AVE	1627 feet to the SE	Closed Status Spill (Unk/Other Cause)
67	APARTMENT BUILDING	794 GREENE AVE	1645 feet to the NW	Closed Status Spill (Unk/Other Cause)
68	PAMOJA HOUSE	357 MARCUS DARBY BLVD	1660 feet to the WSW	Closed Status Spill (Unk/Other Cause)
113	612 PUTNAM AVE	612 PUTNAM AVE	1660 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
114	SERVICE VAULT 3003	GREEN AV/LEWIS AV	1672 feet to the NW	Closed Status Spill (Misc. Spill Cause)
27	APARTMENT BLDG.	940-950 GATES AVE	1685 feet to the ENE	Closed Status Tank Test Failure
16	SPILL NUMBER 9902888	545A QUINCY ST	1688 feet to the WNW	Closed Status Tank Failure
69	APARTMENT BLDG	492 MONROE ST	1738 feet to the W	Closed Status Spill (Unk/Other Cause)
115	SPILL NUMBER 0205548	MACON ST & LEWIS AVE	1802 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
70	PATCHEN AVE & GREENE AVE	PATCHEN AVE & GREENE AVE	1863 feet to the NE	Closed Status Spill (Unk/Other Cause)
116	PATCHEN AV &	GREENE AV	1863 feet to the NE	Closed Status Spill (Misc. Spill Cause)
17	743 HANCOCK STREET	743 HANCOCK STREET	1873 feet to the ESE	Closed Status Tank Failure
71	DAYCARE CENTER	987 LAFAYETTE AVE	1893 feet to the N	Closed Status Spill (Unk/Other Cause)
117	GROUND	378 LEWIS AVE	1908 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
118	RESIDENCE	376 LEWIS AVE	1908 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
72	RESIDENCE	953 LAFAYETTE AVE	1918 feet to the NNW	Closed Status Spill (Unk/Other Cause)
7	RESIDENTIAL	467 MACDONOUGH STREET	1922 feet to the SE	Active Haz Spill (Unknown/Other Cause)
18	RESIDENCE	467 MACDONOUGH STREET	1922 feet to the SE	Closed Status Tank Failure
73	APT BUILDING	279 DECATUR ST	1959 feet to the S	Closed Status Spill (Unk/Other Cause)
74	SPILL NUMBER 9807531	1023 LAFAYETTE AVE	1960 feet to the N	Closed Status Spill (Unk/Other Cause)
75	1054-1066 LAFAYETTE AVE	1054-1066 LAFAYETTE AVE	1965 feet to the NNE	Closed Status Spill (Unk/Other Cause)
119	ABANDONED BUILDING	964 GATES AVE	1976 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
2	FORMER LEXINGTON LAUNDRY SERVICE	853 LEXINGTON AVENUE	1977 feet to the NE	Brownfields Site
76	SPILL NUMBER 0210891	DECATUR ST/STUYVESANT A	1992 feet to the S	Closed Status Spill (Unk/Other Cause)
77	ABANDONED BLDG	966 GATES AVE	1995 feet to the ENE	Closed Status Spill (Unk/Other Cause)
78	COBBLE HILL HEALTH CENTER	822 LEXINGTON AVE	2043 feet to the NE	Closed Status Spill (Unk/Other Cause)
120	CULPEPPER RESIDENCE	235 DECATUR STREET	2116 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
79	APARTMENT BLDG	531 KOSCIUSKO STREET	2129 feet to the NNW	Closed Status Spill (Unk/Other Cause)
121	BASEMENT FLOOR - CONCRETE	531 KOSCIUSKO STREET	2129 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
80	SERVICE BOX 21468	861 JEFFERSON AVE	2135 feet to the E	Closed Status Spill (Unk/Other Cause)
3	FORMER MOTOR FREIGHT GARAGE	834 LEXINGTON AVENUE	2143 feet to the NE	Brownfields Site
81	SPILL NUMBER 0314156	458 KOSCIUSZKO STREET	2146 feet to the NNW	Closed Status Spill (Unk/Other Cause)

82	FORMER GAS SATION	1086-1098 LAFAYETTE AVE	2148 feet to the NNE	Closed Status Spill (Unk/Other Cause)
8	CONSTRUCTION SITE	1038 GREENE AVE	2151 feet to the NE	Active Haz Spill (Unknown/Other Cause)
9	COMMERCIAL WAREHOUSE	834 LEXINGTON AVE	2155 feet to the NE	Active Haz Spill (Unknown/Other Cause)
122	HOUSE	225 DECATUR AVE	2158 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
4	FORMER B&Z STEEL EQUIPMENT CO.	1003 GREENE AVENUE	2199 feet to the NE	Brownfields Site
83	RESIDENCE	439 MONROE ST	2206 feet to the W	Closed Status Spill (Unk/Other Cause)
84	GAMBLE HOME	471 JEFFERSON AVE	2219 feet to the WSW	Closed Status Spill (Unk/Other Cause)
85	419 DECATUR	419 DECATUR ST	2222 feet to the SE	Closed Status Spill (Unk/Other Cause)
86	MANHOLE 3340	386 DECATUR ST	2228 feet to the SSE	Closed Status Spill (Unk/Other Cause)
87	SERVICE BOX 20343	732 HALSEY ST	2231 feet to the ESE	Closed Status Spill (Unk/Other Cause)
88	28-32 MALCHOM X BLVD	28-32 MALCHOM X BLVD	2239 feet to the N	Closed Status Spill (Unk/Other Cause)
19	NYPD 81ST PCT	18 RALPH AVE	2265 feet to the ENE	Closed Status Tank Failure
28	32 RALPH AV - BKLN	32 RALPH AVENUE	2265 feet to the ENE	Closed Status Tank Test Failure
89	27-35 MALCHOM X BLVD	27-35 MALCHOM X BLVD	2295 feet to the N	Closed Status Spill (Unk/Other Cause)
90	IFO 516 LEXINGTON AVE	516 LEXINGTON AVE	2312 feet to the WNW	Closed Status Spill (Unk/Other Cause)
20	742 HALSEY ST.	742 HALSEY ST	2318 feet to the ESE	Closed Status Tank Failure
91	MANHOLE # 32303	SE CORNER OF GATES AVE /	2330 feet to the ENE	Closed Status Spill (Unk/Other Cause)
21	GULSTON HOME	182 BAINBRIDGE STREET	2345 feet to the SSE	Closed Status Tank Failure
123	IFO	541 LEXINGTON AVE	2358 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
92	MANHOLE 10990	DEKALB AVE/STUYVESANT AVE	2360 feet to the NNW	Closed Status Spill (Unk/Other Cause)
93	SB 17458	412 DECATUR ST	2369 feet to the SE	Closed Status Spill (Unk/Other Cause)
12	FORMER SERVICE STATION -MTBE	79 RALPH AVE	2371 feet to the E	Active Haz Spill (Misc. Spill Cause)
94	AP MART	951 PUTNUM AVE	2386 feet to the E	Closed Status Spill (Unk/Other Cause)
95	RESIDENCE	719 GREENE AVE	2424 feet to the WNW	Closed Status Spill (Unk/Other Cause)
124	226 MARCUS GARVEY BLVD	226 MARCUS GARVEY BLVD	2440 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
29	141 CHAUNCEY ST/HOLY ROSA	141 CHAUNCEY ST	2442 feet to the SSE	Closed Status Tank Test Failure
22	416 STUYVESANT AVE	416 STUYVESANT AVE	2452 feet to the S	Closed Status Tank Failure
96	MANHOLE 2145	500 QUINCY ST	2483 feet to the W	Closed Status Spill (Unk/Other Cause)
10	2 DIFFERENT GETTY STATIONS - MISC	10 MALCOM X BLVD	2492 feet to the N	Active Haz Spill (Unknown/Other Cause)
97	MANHOLE #DS2884	RALPH AVE/LEXINGTON AVE	2494 feet to the ENE	Closed Status Spill (Unk/Other Cause)
98	SB 16683	INFO 111 CHAUNCEY ST	2501 feet to the S	Closed Status Spill (Unk/Other Cause)
11	RESIDENCE	415 MONROE STREET	2503 feet to the W	Active Haz Spill (Unknown/Other Cause)
5	FORMER GETTY SERVICE STATION NO. 00564	1103-1107 DEKALB AVENUE	2508 feet to the N	Brownfields Site
30	NYC PUBLIC SCHOOL PS44	432 MONROE ST	2521 feet to the W	Closed Status Tank Test Failure
99	APARTMENT BUILDING	522 PUTMAN AVE	2521 feet to the WSW	Closed Status Spill (Unk/Other Cause)
100	SERVICE BOX 11138	IFO 413 KOSCIUSKO ST	2525 feet to the NW	Closed Status Spill (Unk/Other Cause)
101	STUYVESANT AVE&CHAUNCEYST	STUYVESANT AV&CHAUNCEY ST	2528 feet to the S	Closed Status Spill (Unk/Other Cause)
102	400 HANCOCK ST	400 HANCOCK STREET	2549 feet to the WSW	Closed Status Spill (Unk/Other Cause)
125	400 HANCOCK STREET	400 HANCOCK STREET	2549 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
103	TM966	CHAUNCY ST & REED AVE	2573 feet to the SSE	Closed Status Spill (Unk/Other Cause)
104	MH 63919	GROVE ST/ BROADWAY	2581 feet to the ENE	Closed Status Spill (Unk/Other Cause)
23	157 DECATUR STREET	157 DECATUR STREET	2600 feet to the SW	Closed Status Tank Failure
1	192 RALPH AVENUE	192 RALPH AVE	2860 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site

# Toxics Targeting 1 Mile Radius Map

633 Madison Street  
Brooklyn, NY 11221

Elevation above Sea Level: 62 feet



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



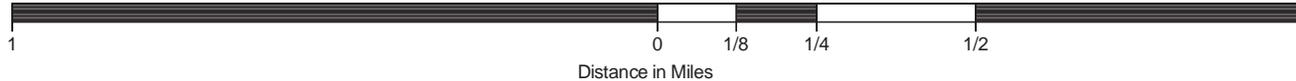
1/2 Mile Radius



1/4 Mile Radius



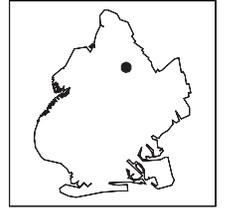
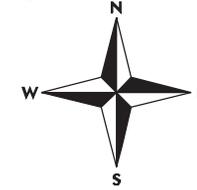
1/8 Mile Radius



# Toxics Targeting 1/2 Mile Radius Map

633 Madison Street  
Brooklyn, NY 11221

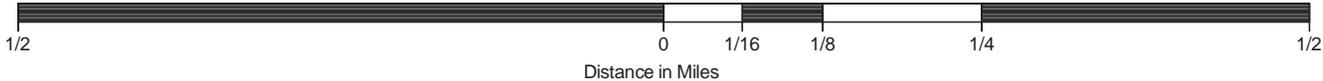
Elevation above Sea Level: 62 feet



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
- Railroad Tracks
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- 1/8 Mile Radius

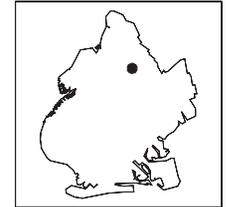
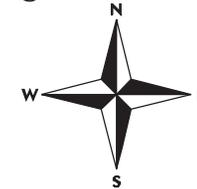




# Toxics Targeting 1/8 Mile Closeup Map

633 Madison Street  
Brooklyn, NY 11221

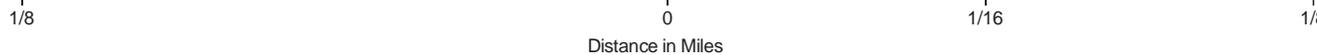
Elevation above Sea Level: 62 feet



Kings County



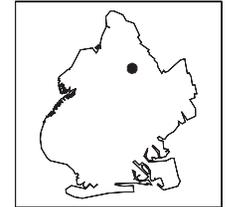
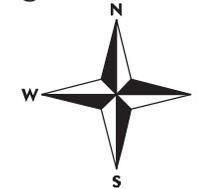
- |   |  |
|---|--|
| National Priority List (NPL) *                    | Delisted NPL Site **                         |
| CERCLIS Superfund Non-NFRAP Site **               | CERCLIS Superfund NFRAP Site                 |
| Inactive Hazardous Waste Disposal Registry Site * | Inact. Haz Waste Disp. Registry 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  
\*\* 1/2 Mile Search Radius  
\*\*\*\* 1/8 Mile Search Radius  
\*\*\*\*\* Onsite Search (250 Ft)



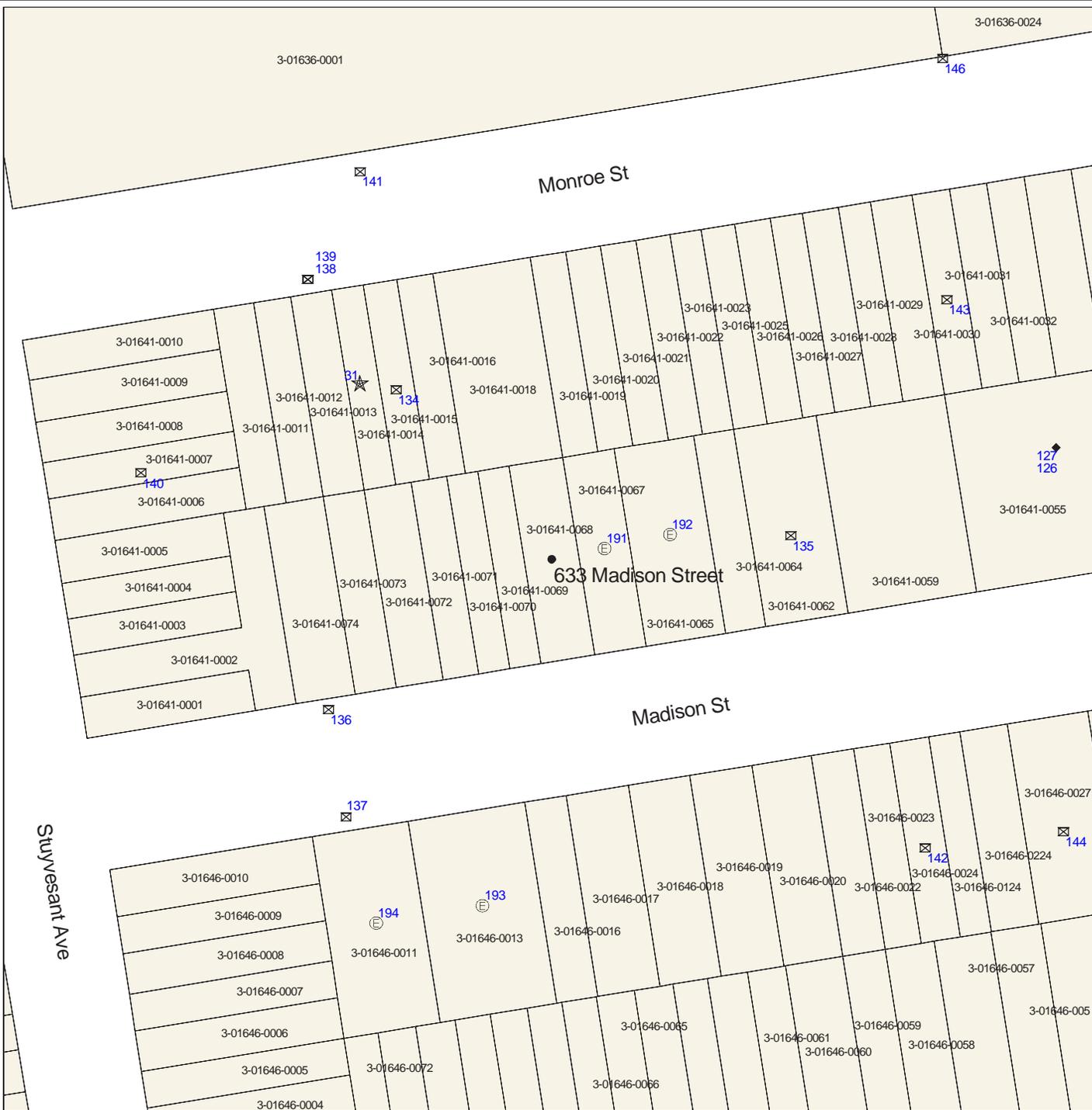
# Toxics Targeting Tax Parcel Map

633 Madison Street  
Brooklyn, NY 11221

Elevation above Sea Level: 62 feet



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

**633 Madison Street  
Brooklyn, NY 11221**

## Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01641-0068	633 MADISON STREET	HOUSING PRESERVATION	R6B	C0	1	1901	13036	2500

## Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01641-0023	636 MONROE STREET	BAPTISTE, CAROL	R6B	B3	1	1899	12565	1700
3-01641-0031	644 MONROE STREET	CONRAD AUGUSTUS FAGAN	R6B	B3	1	1899	13436	1900
3-01646-0066	743 PUTNAM AVENUE	MCCOWN, PAULINE	R6B	C0	1	1905	15924	1825
3-01641-0073	625 MADISON STREET	SULLIVAN, OCTAVIUS	R6B	B9	1	2000	29441	2000
3-01646-0007	239 STUYVESANT AVENUE	DAVID ALMONTE	R6B	B3	1	1899	20044	1853
3-01641-0012	MONROE STREET	UNITY TEMPLE CHURCHOF	R6B	V0	0		576	2000
3-01646-0059	757 PUTNAM AVENUE	F HAGENS	R6B	B3	1	1899	13976	2000
3-01641-0028	640A MONROE STREET	ALAUDDIN, MOHAMMED	R6B	C0	1	1899	13386	1750
3-01646-0018	662 MADISON STREET	PHILLIPS, EVA L	R6B	C1	1	1931	70171	3117
3-01641-0034	650 MONROE STREET	FAGAN ERNEST	R6B	B3	1	1901	12565	2300
3-01641-0033	648 MONROE STREET	ELMACK CONSULTING, IN	R6B	C0	1	1899	12838	1900
3-01641-0067	635 MADISON STREET	GOODING, PAMELLA D	R6B	B3	1	1901	12423	2500
3-01646-0064	747 PUTNAM AVENUE	BEASLEY DELBERT	R6B	B3	1	1905	15078	1875
3-01646-0009	235 STUYVESANT AVENUE	KAY A NURSE	R6B	B3	1	1899	20044	1853
3-01641-0016	624 MONROE STREET	FLEMING, PATRICIA A	R6B	B1	1	1899	12565	1667
3-01636-0024	146 MALCOLM X BOULEVARD	NEW YORK CITY HOUSING	R6A	D3	1	1985	2364300	55000
3-01646-0029	682 MADISON STREET	WAITE PATRICIA	R6B	B3	1	1899	14907	2000
3-01641-0065	639 MADISON STREET	WADE, RICHARD P	R6B	B2	1	1899	16420	4300
3-01641-0062	643 MADISON STREET	BILLY, SERVULUS	R6B	C3	1	1931	36042	4200
3-01646-0072	731 PUTNAM AVENUE	CURTIS A PEEK	R6B	C0	1	1905	13310	1883
3-01641-0030	642A MONROE STREET	J BOOK	R6B	B3	1	1901	16772	2000
3-01646-0056	763 PUTNAM AVENUE	BAYNE, WALTER	R6B	C2	1	1931	46111	2667
3-01646-0054	767 PUTNAM AVENUE	ST LEONARDS CHR INC	R6B	M1	1	1936	421650	5000
3-01641-0064	641 MADISON STREET	ADAMS, JULIET	R6B	C0	1	1899	14181	2000
3-01646-0019	664 MADISON STREET	WATT MICHAEL	R6B	C1	1	1931	70171	3117
3-01641-0019	628 MONROE STREET	JOHN E HOWARD	R6B	B3	1	1899	12565	1800
3-01646-0013	652 MADISON STREET	PEDIFORD, WILLNETTE	R6B	A9	1	1899	18014	6000
3-01641-0059	645 MADISON STREET	MADISON CONG OF JEHOV	R6B	M1	1	1970	145800	6500
3-01641-0003	227 STUYVESANT AVENUE	SMITH, MAX A	R6B	B3	1	1901	13136	1600
3-01646-0023	672 MADISON STREET	HYLTON EARL	R6B	A9	1	1899	10026	2000
3-01646-0058	759 PUTNAM AVENUE	759 PUTNAM, LLC	R6B	C2	1	1931	48657	2667
3-01641-0018	626A MONROE STREET	CRISWELL, JOAN B	R6B	C2	1	1931	51529	5000
3-01646-0017	660 MADISON STREET	MHR REALTY LP	R6B	C1	1	1931	70171	3117
3-01646-0008	237 STUYVESANT AVENUE	REGINA B YAVANA	R6B	B3	1	1899	20044	1853
3-01646-0010	233 STUYVESANT AVENUE	233 STUYVESANT AVE HD	R6B	C6	1	1931	90499	2090
3-01646-0006	241 STUYVESANT AVENUE	LARK LISA	R6B	B3	1	1899	20044	1853
3-01646-0016	MADISON STREET	TOMER, GWENDOLYN E	R6B	V0	0		927	2033
3-01646-0061	753 PUTNAM AVENUE	KIM-MCKENNA, YONG	R6B	A9	1	1899	17375	2000

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01641-0004	225 STUYVESANT AVENUE	ROOSEVELT LEE	R6B	B3	1	1901	10026	1600
3-01646-0071	733 PUTNAM AVENUE	RILEY L	R6B	C0	1	1905	13310	1858
3-01641-0055	651 MADISON STREET	651 MADISON STREET HO	R6B	C6	1	1931	411750	8000
3-01646-0011	650 MADISON STREET	SEGUN J OGUNLANA	R6B	A9	1	1899	17237	5000
3-01641-0005	223 STUYVESANT AVENUE	DEBORAH JACOBS	R6B	B3	1	1901	10026	1600
3-01646-0068	739 PUTNAM AVENUE	WILLIAM H EVANS	R6B	B3	1	1905	13310	1858
3-01641-0002	229 STUYVESANT AVENUE	CLOUD, DORIS	R6B	B3	1	1901	13789	3600
3-01641-0074	623 MADISON STREET	UNITY TEMPLE CHURCH O	R6B	M1	1	1900	162900	3000
3-01641-0071	629 MADISON STREET	BROWN LAMBERT	R6B	C0	1	1899	13957	1667
3-01641-0006	221 STUYVESANT AVENUE	KENYON, JONATHAN	R6B	C0	1	1901	20894	1800
3-01641-0007	219 STUYVESANT AVENUE	LONCKE, VINCENT F	R6B	C0	1	2005	31140	1800
3-01646-0005	243 STUYVESANT AVENUE	SMITH SHIRLEY	R6B	C0	1	1899	20736	1853
3-01641-0009	215 STUYVESANT AVENUE	TESSA G JOHN	R6B	B9	1	1901	19024	1800
3-01646-0004	245 STUYVESANT AVENUE	CLINTON, ELIDA F	R6B	A4	1	1899	20044	1853
3-01641-0029	642 MONROE STREET	WINSTON ADAMS, PAULIN	R6B	B1	1	1899	12565	1750
3-01641-0015	622 MONROE STREET	DYER, PERCIVAL	R6B	C0	1	1899	12945	1667
3-01641-0025	636A MONROE STREET	HERRERA DOLORES	R6B	B3	1	1899	15052	1733
3-01645-0040	254 STUYVESANT AVENUE	MAJOR MORRISON	R6B	C0	1	1899	17588	2000
3-01646-0020	668 MADISON STREET	MHR REALTY L.P.	R6B	C1	1	1931	134608	3117
3-01641-0010	213 STUYVESANT AVENUE	ESMIE REALTY GROUP, L	R6B	S4	1	1931	54000	1800
3-01641-0069	631 MADISON STREET	HENRY J CULLINS	R6B	B3	1	1899	10872	1667
3-01646-0057	761 PUTNAM AVENUE	W FYE	R6B	C2	1	1931	41000	2667
3-01646-0060	755 PUTNAM AVENUE	WILLIAM A CRAIG	R6B	A9	1	1899	13976	3000
3-01646-0067	741 PUTNAM AVENUE	SHIRLEY GIST	R6B	B3	1	1905	13310	1858
3-01645-0035	244 STUYVESANT AVENUE	'PEOPLE'S INSTITUTIONA'	R6B	M1	1	1930	178650	6000
3-01641-0021	632 MONROE STREET	J MC CULLOUGH	R6B	C0	1	1899	12565	1783
3-01641-0027	640 MONROE STREET	KHAN, MOHAMMED S	R6B	C0	1	1899	15459	1750
3-01646-0069	737 PUTNAM AVENUE	TULL ARTHUR P	R6B	B3	1	1905	13310	1858
3-01641-0072	627 MADISON STREET	OLIVIERRE, MAWULI	R6B	B9	1	1901	12733	2500
3-01646-0065	745 PUTNAM AVENUE	RUDDER RENEE	R6B	C0	1	1899	15078	1875
3-01641-0020	630 MONROE STREET	MICHA SOLOMON A/K/A M	R6B	B3	1	1899	12565	1800
3-01645-0039	252 STUYVESANT AVENUE	BEARSCH, BENJAMIN	R6B	C3	1	1931	34453	2000
3-01646-0022	670 MADISON STREET	MARY JONES	R6B	A9	1	1899	10026	2000
3-01646-0062	751 PUTNAM AVENUE	TUKURU, HANAKO	R6B	B9	1	1899	16754	1875
3-01641-0070	629A MADISON STREET	ALAMO, ROWLAND	R6B	C0	1	1899	14727	1667
3-01645-0038	250 STUYVESANT AVENUE	PEOPLES INSTIT.AFRICA	R6B	C3	1	1931	31930	2000
3-01641-0001	231 STUYVESANT AVENUE	MINNIE TUCKER	R6B	B3	1	1901	10026	1600
3-01641-0022	634 MONROE STREET	SPANGLER, JOANN	R6B	C0	1	1899	12565	1700
3-01636-0001	209 STUYVESANT AVENUE	BOARD OF EDUCATION	R6A	W1	1	1974	8528400	95000
3-01646-0070	735 PUTNAM AVENUE	MILDRED C MILLS	R6B	C0	1	1905	13310	1858
3-01646-0027	678 MADISON STREET	LEONARD, JESSICA	R6B	B3	2	1899	15924	4083
3-01641-0026	638 MONROE STREET	LEWIS GLORIA	R6B	C0	1	1899	12838	1733
3-01641-0013	620 MONROE STREET	LLEWELLYN, MONICA	R6B	B3	1	1899	11991	2000
3-01646-0063	749 PUTNAM AVENUE	HARTLEY JACQUALINE	R6B	B3	1	1905	15078	1875
3-01641-0008	217 STUYVESANT AVENUE	PCJ REALTY LLC	R6B	C0	1	1901	10026	1800
3-01641-0011	616 MONROE STREET	SEASE ELLA	R6B	V0	0		576	2000
3-01641-0035	652 MONROE STREET	ALI, MUHAMMED	R6B	A9	1	1901	10747	2500
3-01641-0032	646 MONROE STREET	AKTER, MOSAMMAT F	R6B	C0	1	1899	13436	1900
3-01641-0014	620A MONROE STREET	HAMMOND , RONALD	R6B	C0	1	1899	12565	1667
3-01646-0024	674 MADISON STREET	POOLE, MILDRED	R6B	B3	1	1899	10209	1979
3-01646-0224	676 MADISON STREET	LAURENCIN, IRENE	R6B	B3	1	2006	31450	2368
3-01646-0124	674A MADISON STREET	WILLIAMS, KIBWE	R6B	B2	1	2006	31072	1569

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
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## 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;
- D<sub>1</sub>, 2, 3 -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed);
- C -- Remediation Complete (formerly D2).



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



**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 1**      **192 RALPH AVENUE**      **Facility Id: 224042**  
 192 RALPH AVE      BROOKLYN, NY 11233      TT-Id: 120A-0004-571

MAP LOCATION INFORMATION      ADDRESS CHANGE INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)      Revised street: NO CHANGE  
 Approximate distance from property: 2860 feet to the ESE      Revised zip code: NO CHANGE

\*\*\*\*\*

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

CLASSIFICATION CODE: 02      REGION: 2      SITE CODE: 224042  
 CLASSIFICATION CODE DESCRIPTION:      DEC ID: 58281  
 Significant threat to the public health or environment - action required.

NAME OF SITE: 192 Ralph Avenue      TOWN: New York City  
 STREET ADDRESS: 192 Ralph Ave      COUNTY: Kings  
 CITY: Brooklyn      ZIP: 11233      ESTIMATED SIZE: 0.009 Acre

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

INSTITUTIONAL/ENGINEERING CONTROLS:  
 None reported

CROSS REFERENCES:  
 IDENTIFIER      SOURCE  
 -----      -----  
 V00669      VCP Site ID

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:  
 CURRENT OWNER(S):  
 NAME: Brooklyn Properties 5, LLC      Owner Type: Innocent Owner -Class 2a/2/3/4/5 HS  
 Peter S. Rosenbaum

ADDRESS: 188 Ralph Avenue  
Brooklyn, NY 11233

NAME: Brooklyn Properties 5, LLC  
Peter S. Rosenbaum

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

ADDRESS: 412 Carriage Road  
Roslyn, NY 11576

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: Brooklyn Properties 5, LLC  
Peter S. Rosenbaum

Operator Type: Corporate or Commercial

ADDRESS: 192 Ralph Avenue  
Brooklyn, NY 11233

APPLICANT REQUESTOR(S):

NAME: Hubbell Mountain, LLC  
Omri Minin

Applicant Type: Corporate or Commercial

ADDRESS: 404 East 79th Street  
New York, NY 10075-1482

NAME: Brooklyn Properties 5, LLC  
Peter S. Rosenbaum

Applicant Type: Corporate or Commercial

ADDRESS: 188 Ralph Avenue  
Brooklyn, NY 11576

DOCUMENT REPOSITORY(S):

NAME: Saratoga Library  
ADDRESS: 8 Thomas S. Boyland St  
Brooklyn, NY 11233

Repository Typ: Local Government

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:

Location: The site is located in an urban area in the southeastern part of the Bedford Stuyvesant section of Brooklyn. The site occupies 188 through 192 Ralph Avenue and is identified on the New York City Tax Map as Section 3, Block 1678, Lot 53.

Site Features: The main site feature is the existing three-story building on the property and an attached one-story addition with a basement at the rear (192 Ralph Avenue). The building structure is 20' x 80' occupying an area of approximately 0.037 acres.

Current Zoning/Use: The building at the site is zoned mixed Residential and Commercial (R6B) and is currently unoccupied. The surrounding properties are either zoned the same or as Residential 1 and 2 Family (primarily row house structures), which make up the majority of the area property uses. The row house property adjacent to the site building at 590 MacDonough Street has this

latter zoning designation, while the adjacent 4-story, 14-unit apartment building to the south at 196 Ralph Avenue has the residential and commercial designation.

Past Use of the Site: Dry-cleaning operations (wet chemical) were conducted at the site from approximately 1946 until 1998. From 1998 until 2000 the site was used solely as a drop-shop dry-cleaning operation. The dry-cleaning operations took place in the 20 x 20 foot addition at the rear of the building with the equipment located on the first floor. It appears that the site contamination came from releases of process chemicals into the basement area of the one-story building addition, which at the time had a dirt floor in the basement allowing migration of contaminants into the underlying soils and groundwater.

Site contamination was discovered in 2002 during an owner-initiated subsurface investigation within the basement area of the building. With the confirmation of waste disposal at the site the property owner entered the Department's Voluntary Cleanup Program (VCP) as a Volunteer in 2004. The VCP site is defined as the entire 80' x 20' parcel. The State Superfund site is a 20' x 20' area at the southern end of the parcel.

Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable Unit 2 (OU2) is the on-site source area. A Record of Decision was signed for OU2 on October 18, 2013. OU1 consists of the off-site groundwater and soil vapor plumes.

Site Geology and Hydrogeology: The general area geology is composed of outwash sand and gravel deposits. Locally, there are highly permeable fine to medium sands with some gravel. There appears to be a confining silt/clay layer of unknown thickness present in the site area around 60 to 70 feet below the ground surface. Groundwater is encountered at 35 to 40 feet below ground surface (~9 feet above sea level). The area groundwater flow is to the south/southeast.

#### CONFIRMED HAZARDOUS WASTE DISPOSED:

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

#### ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination: Based upon investigations conducted to date the primary contaminant of concern at the site is the dry cleaning solvent tetrachloroethylene (also known as perchloroethylene, perc or PCE).

Chemical concentrations are reported in parts per billion (ppb) for water, soil samples are reported in parts per million (ppm) while air samples are reported in micrograms per cubic meter (ug/m<sup>3</sup>).

Soil Contamination: The significant soil contamination at the site is primarily limited to the area under the building footprint. The shallow soils are contaminated with PCE in the range of 10 to 344 ppm. The restricted residential soil cleanup objective (SCO) for PCE is 19 ppm.

Groundwater Contamination: Groundwater beneath the building footprint is contaminated with PCE above groundwater standard of 5 ppb. PCE has also migrated from the site area down-gradient to the south southeast under the adjoining sidewalks and streets. PCE contamination in the upper part of the aquifer (~ 40 feet below ground surface) ranges from approximately 2.4 to 320 ppb in the

vicinity of the site in February, 2013.

Soil Vapor: Soil vapor measurements taken from the five extraction wells in the basement of the building showed PCE concentrations ranged from 678 to 19,000 ug/m3 during the latest monitoring event.

Indoor Air: A post-IRM indoor air sample in the southern 20'x 20' portion of the parcel defined as the State Superfund site showed PCE at a concentration of 7.46 ug/m3. Three post-IRM indoor air samples were taken in the remainder of the parcel and contained a maximum PCE concentration of 6.71 ug/m3.

ASSESSMENT OF HEALTH PROBLEMS:

People will not come into contact with contaminated soils since they are located at depth and beneath a building foundation. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect 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. A soil vapor extraction system has been installed beneath the on-site building to prevent the indoor air quality from being affected by the contamination in soil vapor beneath the building. The potential for off-site inhalation exposures due to soil vapor intrusion is being investigated as part of a separate investigation (Operable Unit 1).

PROJECT COMPLETIONS:

Operable Unit 02 - On-site Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation	On-Site	10/18/2013	No Further Action

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-	

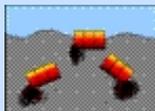
GEOTECHNICAL INFORMATION:

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***



***NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***



**BROWNFIELDS 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 2**

**FORMER LEXINGTON LAUNDRY SERVICE**  
853 LEXINGTON AVENUE

BROOKLYN, NY 11221

**Facility Id: C224180**  
TT-Id: 320A-0003-305

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 1977 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION  
BROWNFIELD CLEANUP PROGRAM

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

REGION: 2

SITE CODE: C224180  
DEC ID: 485896

NAME OF SITE: Former Lexington Laundry Service  
STREET ADDRESS: 853 Lexington Avenue  
CITY: Brooklyn ZIP: 11221

TOWN: New York City  
COUNTY: Kings

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

ESTIMATED SIZE: 0.168 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:  
None reported

CROSS REFERENCES:  
None reported

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:  
CURRENT OWNER(S):  
NAME: 853 Lexington LLC  
Matt Katz

ADDRESS: 116 Nostrand Avenue  
Brooklyn, NY 11205

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):

NAME: 853 Lexington LLC  
Matt Katz

ADDRESS: 116 Nostrand Avenue  
Brooklyn, NY 11205

DOCUMENT REPOSITORY(S):

NAME: Brooklyn Public Library-Macon Branch

ADDRESS: 361 Lewis Avenue at Macon Street  
Brooklyn, NY 11233

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:

Location: The BCP site is located in the Bedford Stuyvesant section of Brooklyn in Kings County at 853 Lexington Avenue. It is comprised of a single tax parcel, Section 3 Block 1623 Lot 70, of approximately 0.168 acres. The lot is on the north side of Lexington Avenue between Patchen Avenue and Broadway.

Site Features: The lot is currently developed with a two-story vacant warehouse (1931) occupying the entire lot. One third of the site contains a full cellar on the northeast corner.

Current Zoning and Land Use: To serve local retail needs, the site is in a NYC commercial overlay District C2-4 that is within a residential density R6A zoning district. The surrounding neighborhood is a mix of commercial and residential use and the proposed use is restricted residential. The site has been used for commercial purposes in the past but has been vacant since around 2007.

Past Use of the Site: A grocery store and bakery operated in the building in the early 1900's, and a commercial laundry was known to occupy the property in the 1930's through sometime prior to 1951. From 1951 to at least 2007, several furniture manufacturers occupied the building.

Site Geology and Hydrogeology: Subsurface soils at the site consists of a mixture of silty non-abrasive historic fill comprised of coal, broken brick and/or coal ash mixed in with gravel and/or sandy fill to approximately 5 feet below grade. Native fine brown silty-sands are present immediately below the fill material. Brown coarse sand and gravel exist from around 12 feet to a depth of at least 45 feet.

Based on regional groundwater contour maps, and data obtained during the investigation, the depth to groundwater beneath the site is approximately 41 feet below grade. The groundwater flow direction is west-northwest toward the East River.

## CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
NICKEL	UNKNOWN
indeno(1,2,3-cd)pyrene	UNKNOWN
ACETONE	UNKNOWN
LEAD	UNKNOWN
ZINC	UNKNOWN
BENZO [K] FLUORANTHENE	UNKNOWN
BARIUM	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
BENZO (B) FLUORANTHENE	UNKNOWN
Chrysene	UNKNOWN
BENZ (A) ANTHRACENE	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
MERCURY	UNKNOWN
BENZO (GHI) PERYLENE	UNKNOWN
BENZO (A) PYRENE	UNKNOWN
DIBENZ [A, H] ANTHRACENE	UNKNOWN

## ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination: On-site contamination has been detected in the shallow soil (0-6 feet), groundwater (41 feet deep) and sub-slab soil vapor (2 inches below slab). The primary contaminants of concern for this site are tetrachloroethylene (PCE), trichloroethene (TCE), polyaromatic hydrocarbons (PAHs) and metals.

SOIL: PCE, PAHs and low levels of mercury and barium were found in shallow on-site soil borings (B1-B4, B6-B13). No TCE was detected in the soil. The PAHs and metals in the shallow soils are typical of urban fill and can likely be found off-site, but are not likely related to past site use. Of a total of twelve borings across the site, PCE was only detected in one centrally located soil boring B-4 confirming there is no off-site PCE-contaminated soil associated with this site. Soil detections over the applicable soil cleanup objectives (SCOs) (i.e., protection of groundwater [PGWSCO] or restricted residential [RRSCO]) are noted below.

PCE: 12.0 parts per million (ppm) (PGWSCO of 1.3 ppm),  
benzo[a]anthracene: 4.3 ppm (RRSCO 1.0 ppm),  
chrysene: 4.9 ppm (RRSCO 3.9 ppm),  
benzo[b]fluoranthene; 4.0 ppm (RRSCO 1.0 ppm),  
benzo[a]pyrene: 3.5 ppm (RRSCO 1.0 ppm),  
indeno(1,2,3-cd)pyrene: 2.0 ppm (RRSCO 0.5 ppm),  
dibenz(ah)anthracene: 0.56 ppm (RRSCO 0.33 ppm),  
mercury: 1.47 ppm (RRSCO 0.81 ppm), and  
barium: 1140 ppm (RRSCO 400 ppm).

GROUNDWATER: In 2013, concentrations of PCE (up to 110 parts per billion [ppb] vs. NYS Ambient Water Quality Standard of 5 ppb) and TCE (up to 85 ppb vs. the standard of 5 ppb) were found in on-site groundwater samples (MW-1 through MW-4). In 2014, TCE was noted in the new well (MW-4), located at the center of the site, at a concentration of 120 ppb; however, the TCE

concentrations in the existing wells (MW-1 and 3), decreased by approximately 50% from 2013 to 2014, while remaining the same in MW-2 (15 and 17 ppb). MW-1 is closest to the up-gradient property line, and MW-3 is the most down-gradient well. In addition, PCE was not detected in any of the 2014 groundwater samples. Should VOCs migrate off-site, the concentrations are relatively low and degrading. Although detected, the levels of PAHs in the groundwater (0.03 ppb to 0.12 ppb) were slightly above NYS Ambient Water Quality Standard of 0.002 ppb.

SUB-SLAB SOIL VAPOR AND INDOOR AIR: Elevated concentrations of TCE (up to 3,290 micrograms per cubic meter [ug/m3]) and PCE (up to 10,400 ug/m3) were detected in on-site sub-slab soil vapor samples. One indoor air sample detected PCE at 60 ug/m3 (NYSDOH air guideline, 30 ug/m3) and TCE at 17 ug/m3 (NYSDOH air guideline, 5 ug/m3). Based on NYSDOH Soil Vapor/Indoor Air decision matrices and guidance, actions are needed to address soil vapor intrusion. There is the potential that TCE and/or PCE could exist in the soil vapor beyond the site boundary. The off-site vapor evaluation will be performed after implementation of the remedy as it may address potential off-site vapor concerns.

Prior to any remedial efforts, the site presents a significant public health threat due to the release of contaminants from on-site source areas (shallow soil hot spots) into groundwater and sub-slab vapor.

ASSESSMENT OF HEALTH PROBLEMS:

Direct contact with contaminants in subsurface soil is unlikely because the site is covered with a building. People are not drinking contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into the 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. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion should the building become reoccupied. Furthermore, environmental sampling indicates that soil vapor intrusion could represent a concern for off-site structures.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		09/22/2014	Actual
Remedial Design		10/15/2014	Actual

Map Identification Number 3



FORMER MOTOR FREIGHT GARAGE

834 LEXINGTON AVENUE

BROOKLYN, NY 11221

Facility Id: C224202

TT-Id: 320A-0004-272

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2143 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION  
BROWNFIELD CLEANUP PROGRAM

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

REGION: 2

SITE CODE: C224202  
DEC ID: 502540

NAME OF SITE: Former Motor Freight Garage  
STREET ADDRESS: 834 Lexington Avenue  
CITY: Brooklyn ZIP: 11221

TOWN: New York City  
COUNTY: Kings

ESTIMATED SIZE: 0.229 Acre

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

INSTITUTIONAL/ENGINEERING CONTROLS:  
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
1408617	Spill No.

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:

CURRENT OWNER(S):

NAME: Lexington Flats LLC  
Joel Schwartz  
ADDRESS: 183 Wilson Street - Suite No. 133  
Brooklyn, NY 11211

Owner Type: Innocent Owner NonRegistry-HazSubs

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: Yasakart Corporation  
ADDRESS: 280 Bowery  
New York, NY 10012

APPLICANT REQUESTOR(S):

NAME: Lexington Flats LLC  
Joel Schwartz  
ADDRESS: 183 Wilson Street, Suite No. 133  
Brooklyn, NY 11211

DOCUMENT REPOSITORY(S):

NAME: Brooklyn Public Library - Macon Branch  
 ADDRESS: 361 Lewis Avenue at Macon Street  
 Brooklyn, NY 11233

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:

Location:

The Former Motor Freight Garage site is located in the Bedford Stuyvesant section of Brooklyn, New York. The site is listed as Block 1628, Lot 30 and is located on the south side of Lexington Avenue between Broadway and Patchen Avenue.

Site Features:

The entire lot is occupied with a one-story commercial building and is currently used for storage. The surrounding properties are occupied by commercial and residential buildings.

Current Zoning and Land Use:

The site is zoned as R6A (residential) with a C4-4L (commercial) overlay. R6A districts have mandatory Quality Housing bulk regulations which limit apartment building height to 6 or 7 stories. They are designed to be compatible with older buildings and found in medium density neighborhoods. C4-4L districts are located in regional commercial centers outside of the central business districts in more densely built areas. The site is currently used as a warehouse for storage, with infrequent human occupancy.

Past Use of the Site:

The site was occupied by single family residential homes until 1908. The current existing building was built around 1920 for use as a garage. Two underground hydraulic lifts currently exist on site and the existence of a gasoline tank was noted on historical Sanborn maps. By 1932, the property was combined with adjacent lot 34 to the east at 844 Lexington Ave. In 1965, the site was identified as a motor freight station until 1987, and from 1988 through 2007 it was used as a garage.

Site Geology and Hydrogeology:

According to USGS geologic maps of the area, bedrock resides at a depth greater than 100 feet below ground surface (bgs). Above bedrock, unconsolidated sediments, sand, gravel, and silty clays reside which were deposited by glacial-fluvial activity. Non-native historic fill layers exist in the upper layers which were historically deposited to extend shoreline areas and improve drainage of low lying areas. During remedial investigation activities, subsurface obstructions, likely boulders and/or glacial till, were encountered at several locations at depths ranging from 3 to 15 feet bgs.

Groundwater exists beneath the site at a depth of approximately 42 feet bgs and according to the most recent remedial investigation, groundwater flows northwest.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
ZINC	UNKNOWN
Sec-Butylbenzene	UNKNOWN
STYRENE	UNKNOWN
TOLUENE	UNKNOWN
MERCURY	UNKNOWN

BENZO (A) PYRENE	UNKNOWN
1,2,4-TRIMETHYLBENZENE	UNKNOWN
BENZO [K] FLUORANTHENE	UNKNOWN
METHYLENE CHLORIDE	UNKNOWN
indeno(1,2,3-cd)pyrene	UNKNOWN
1,3,5-Trimethylbenzene	UNKNOWN
Isopropylbenzene	UNKNOWN
ETHYLBENZENE	UNKNOWN
BENZ (A) ANTHRACENE	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
BENZENE	UNKNOWN
XYLENE (MIXED)	UNKNOWN
N-PROPYLBENZENE	UNKNOWN
Chrysene	UNKNOWN
METHYL-TERT-BUTYL ETHER (MTBE)	UNKNOWN
BENZO (B) FLUORANTHENE	UNKNOWN
Butylbenzene	UNKNOWN
NAPHTHALENE	UNKNOWN
LEAD	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
BENZO (A) ANTHRACENE	UNKNOWN

## ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides.

Soil - 1,2,4-trimethylbenzene was detected in a drainage basin sediment and at one other location at 9 - 11 feet below ground surface (bgs) up to 58 parts per million (ppm) which marginally exceeds Restricted Residential Soil Cleanup Objectives (RRSCOs). Other petroleum-related compounds, including ethylbenzene (up to 8.8 ppm) and benzene (up to 0.1 ppm) were found exceeding Unrestricted Use Soil Cleanup Objectives (UUSCOs) and RRSCOs at 9 - 11 feet bgs and in the drainage sediment. Poly-aromatic hydrocarbons (PAHs) including benzo(a)anthracene up to 20 ppm were also detected at 2 locations exceeding UUSCOs at depths ranging from 3 - 11 feet bgs. Lead was detected above RRSCOs in one location at a depth of 3 - 5 feet bgs at a concentration of 433 ppm. Data does not indicate any off-site impacts in soil related to this site.

Groundwater - Groundwater was analyzed from 4 monitoring wells throughout the property. Petroleum related compounds including benzene (up to 53 ppb), ethylbenzene (up to 3,200 ppb), 1,2,4-trimethylbenzene (up to 2,700 ppb), toluene (up to 11,000 ppb), xylene (up to 5,100 ppb) n-propylbenzene (up to 310 ppb) and naphthalene (up to 670 ppb) were detected above groundwater standards in all on-site wells. MTBE was detected above the 10 ppb guidance value at 550 ppb in one monitoring well (MW1), the most downgradient on-site well. Trichloroethene (TCE) was also detected at 94 ppb (vs. standard of 5 ppb) in MW1 during the Phase II investigation, but not detected during the remedial investigation (RI), likely because the laboratory reportable limits doubled. Low concentrations of petroleum contaminants above groundwater standards are likely migrating off-site since the monitoring well with the highest petroleum contamination is located approximately 10 feet from the down-gradient property line.

Soil Vapor - Soil vapor was analyzed for VOCs and detected several petroleum-related compounds (including benzene as high as 40.5 ug/m<sup>3</sup>) from soil vapor wells ranging from 8 to 14 feet bgs. Tetrachloroethene (PCE) and trichloroethene (TCE) were detected as

high as 20.3 ug/m^3 and 6.34 ug/m^3 respectively. Data does not indicate any off-site soil vapor impacts related to this site.

ASSESSMENT OF HEALTH PROBLEMS:

Direct contact with contaminants in soil is unlikely because the entire site is covered with a building. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. 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 inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern because the site is vacant. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		06/03/2015	Actual
Remedial Design		06/09/2015	Actual

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Map Identification Number 4



FORMER B&Z STEEL EQUIPMENT CO.  
1003 GREENE AVENUE

BROOKLYN, NY 11221

Facility Id: C224195  
TT-Id: 320A-0004-239

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2199 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION  
BROWNFIELD CLEANUP PROGRAM

CLASSIFICATION CODE: A

REGION: 2

SITE CODE: C224195

DEC ID: 495778

CLASSIFICATION CODE DESCRIPTION:

Work is underway and not yet complete.

NAME OF SITE: Former B&Z Steel Equipment Co.  
STREET ADDRESS: 1003 Greene Avenue  
CITY: Brooklyn

ZIP: 11221

TOWN: New York City  
COUNTY: Kings

ESTIMATED SIZE: 0.336 Acre

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

INSTITUTIONAL/ENGINEERING CONTROLS:  
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
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1307014	Spill No.

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:

CURRENT OWNER(S):

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: B&Z Steel Equipment Col  
ADDRESS: 78 Greene Street  
New York, NY 10012

APPLICANT REQUESTOR(S):

NAME: Greene Pastures LLC  
Louis Handler  
ADDRESS: 329 Hewes Street  
Brooklyn, NY 11211

DOCUMENT REPOSITORY(S):

NAME: Brooklyn Pubic Library - Macon Branch  
ADDRESS: 361 Lewis Ave. at Macon Street  
Brooklyn, NY 11233

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:

Location: The site is located in the Bedford Stuyvesant section of Brooklyn, NY. The site is identified as Block 1618, Lot 35 and is located on the north side of Greene Avenue between Patchen Avenue and Broadway.

Site Features: The site is currently an unoccupied one-story commercial building constructed in 1910 which occupies the entire lot. Two fuel dispensers are located inside the building and connected to underground piping which is suspected to be connected to underground storage tanks.

Current Zoning and Land Use: The site is zoned as a C4-4L district which allows commercial use. C4 districts are intended for regional commercial shopping centers and offices which generate more traffic than neighborhood shopping areas. The C4-4 designation is used in more densely built areas. Prior to acceptance into the BCP, the site was used for contractor

storage/commercial use.

Historic Use: Prior to its most recent use, the site was used as a mineral water bottling facility, wagon houses, storage, and parking garage and auto repair shop. Non-commercial style fueling activities also occurred at the site up until the late 1970's.

Site Geology and Hydrogeology: Subsurface soils at the site consist of historic fill materials to a depth of approximately 4 - 8 feet below grade. Below the fill, a glacial layer exists consisting of silty sand and gravel to a depth of 20 feet with coarse sand and gravel reported to exist below 20 feet. Below the glacial layer, there is a confining layer of Gardiners Clay extending to a depth of approximately 200 feet below sea level. The groundwater depth is approximately 45 feet below grade, and based on the remedial investigation, flows south-southwest.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
MERCURY	UNKNOWN
1,2,4-TRIMETHYLBENZENE	UNKNOWN
ACETONE	UNKNOWN
ETHYLBENZENE	UNKNOWN
XYLENE (MIXED)	UNKNOWN
LEAD	UNKNOWN
CHROMIUM	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and PCB/pesticides.

Soil - Based upon investigations conducted to date, the primary contaminants of concern are petroleum-related VOCs, including ethylbenzene, xylene, and 1,2,4-trimethylbenzene which exceed the unrestricted use soil cleanup objectives (UUSCOs). Metals (lead, mercury, and chromium) were also detected in the soil exceeding UUSCOs. No data has been provided indicating contamination at levels exceeding restricted residential soil cleanup objectives (RRSCOs). No SVOCs, PCBs or pesticides were detected in site soils exceeding UUSCOs. Data does not indicate any off-site impacts in soil related to this site.

Groundwater - No site-related contaminants exceeding groundwater standards as noted in a Phase II investigation and subsequent remedial investigation except for naturally occurring metals including sodium, manganese, and iron.

Soil Vapor - Soil vapor was sampled at depths ranging from 8 to 14 feet below ground surface (bgs) and low levels of petroleum-related VOCs were noted. Also, tetrachloroethene (PCE) and trichloroethene (TCE) were detected as high as 80 micrograms per cubic meter (ug/m<sup>3</sup>) and 14.3 ug/m<sup>3</sup> respectively, and are attributed to historic site use.

ASSESSMENT OF HEALTH PROBLEMS:

Contaminated groundwater at the site is not used for drinking or other purposes and the area is served by a municipal water supply that obtains water from a different source not affected by this contamination. Access to the site is restricted; however, people who dig below the ground surface may come into contact with contaminants in subsurface soils. Volatile organic compounds

in contaminated soil or contaminated 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. Soil vapor intrusion is not a current concern because the site is vacant. An assessment for the potential for soil vapor intrusion to occur is needed prior to re-occupancy of on-site buildings or future development of occupied buildings. Environmental sampling indicates that soil vapor intrusion is not a concern for off-site structures.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		04/30/2015	Actual
Remedial Design		05/26/2015	Actual

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Map Identification Number 5

FORMER GETTY SERVICE STATION NO. 00564

1103-1107 DEKALB AVENUE

BROOKLYN, NY 11221

Facility Id: C224176

TT-Id: 320A-0004-187

MAP LOCATION INFORMATION

Site location mapped by: MAP COORDINATE (1)  
Approximate distance from property: 2508 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 1105 DEKALB AVE  
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL REMEDIATION  
BROWNFIELD CLEANUP PROGRAM

CLASSIFICATION CODE: A

REGION: 2

SITE CODE: C224176

DEC ID: 479739

CLASSIFICATION CODE DESCRIPTION:

Work is underway and not yet complete.

NAME OF SITE: Former Getty Service Station No. 00564

STREET ADDRESS: 1103-1107 DeKalb Avenue

CITY: Brooklyn ZIP: 11221

TOWN: New York City

COUNTY: Kings

ESTIMATED SIZE: 0.022 Acre

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

INSTITUTIONAL/ENGINEERING CONTROLS:

None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
9810224	Spill No.

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:

CURRENT OWNER(S):

NAME: Leemilt's Petroleum LLC Owner Type: Corporate or Commercial  
 ADDRESS: 125 Jericho Turnpike, Suite 103  
 Jericho, NY 11753-1016

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

NAME: Morillo Auto Repair Operator Type: Corporate or Commercial  
 ADDRESS: 1107 DeKalb Avenue  
 Brooklyn, NY 11221

APPLICANT REQUESTOR(S):

NAME: 1107D LLC  
 Moris Yeroshalmi  
 ADDRESS: 45 N. Station Plaza, Suite 315  
 Great Neck, NY 11021

DOCUMENT REPOSITORY(S):

NAME: Brooklyn Public Library  
 ADDRESS: Macon Branch  
 361 Lewis Avenue  
 Brooklyn, NY 11233

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:

Location: The site is located in the Bedford Stuyvesant section of Brooklyn (Kings County) and has 75 feet of frontage on DeKalb Avenue and 150 feet of frontage on Malcom X Boulevard. The site is surrounded by multi-story apartments with first-floor commercial units to the south and east, by an active Getty Petroleum Marketing, Inc. (GPMI) gas station across Malcolm X Boulevard to the west and by a commercial building to the northeast and a commercial parking lot to the north.

Site Features: The site is comprised of two (2) tax parcels, Block 1600 Lots 1 and 28 totaling approximately 0.218 acres and is currently vacant.

Current Zoning and Land Use(s): The current zoning is C4-4L for commercial use. Prior to demolition, the site was most recently used as an auto repair and vehicle storage yard.

Past Use of the Site: The site was formerly used as a gas station and auto service station.

Site Geology and Hydrogeology: The bedrock in this area of Brooklyn is an igneous intrusive type classified as Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Unconsolidated sediments overlie the bedrock and consist of Pleistocene-aged sand, gravel and silty clays, deposited by glacial-fluvial activity. These subsurface soils consist of a mixture of silty non-native fill, fine to coarse sand and sandy silt to a depth of approximately 10 feet below grade followed by sandy-clay to a depth of approximately 15 feet below grade. Medium to coarse grained gravelly sands exist to a depth of at least 50 feet below grade.

Groundwater is present under water table conditions at a depth of approximately 46 feet below the surface and flows in a westerly direction.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
-----	-----
TETRACHLOROETHYLENE (PCE)	UNKNOWN
Petroleum Products	UNKNOWN
trichloroethene (TCE)	UNKNOWN
ethylbenzene	UNKNOWN
benzo(a)anthracene	UNKNOWN
benzo(b)fluoranthene	UNKNOWN
1,2,4-trimethylbenzene	UNKNOWN
naphthalene	UNKNOWN
lead	UNKNOWN
n-propylbenzene	UNKNOWN
xylene (mixed)	UNKNOWN
benzo(a)pyrene	UNKNOWN
tetrachloroethene (PCE)	UNKNOWN
chromium	UNKNOWN
1,3,5-trimethylbenzene	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

Activities completed under the Phase II investigation and the Remedial Investigation included installation and sampling of soil borings, groundwater monitoring wells and soil vapor probes. Based on these investigations, the primary contaminants of concern include both petroleum related and chlorinated volatile organic compounds (VOCs).

Soil - The results of the investigations revealed elevated petroleum-related VOCs in five of the samples with total VOCs ranging from 1.1 ppm at 0-2 ft-bgs to 635 ppm at 45-47 ft-bgs. Xylenes, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene were all reported above restricted residential use SCOs (RRUSCOs); n-propylbenzene, ethylbenzene and naphthalene were at concentrations exceeding unrestricted use SCOs (UUSCOs). There was only one detection of a chlorinated VOC (CVOC) namely trichloroethylene (TCE) and it was at a concentration below its UUSCO. In addition the SVOCs benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene, and metals including lead and chromium were also detected at concentrations in soil samples above RRUSCOs. Site contamination does not extend off-site based on the available data.

Groundwater - Groundwater was analyzed for VOCs, SVOCs, metals, and PCB/pesticides. Petroleum-related VOCs were detected in six of ten groundwater samples. Total BTEX concentrations ranged from 28.7 ppb to 1,500 ppb. CVOCs, including tetrachloroethene (PCE) and TCE were reported above groundwater standards in four of the ten samples respectively with a total maximum concentration of 35.1 ppb; TCE ranged from 14 to 29 ppb and PCE ranged from 0.41 to 8 ppb. This CVOC contamination is related to the past use of the site as an auto service center and repair shop. Benzo(a)anthracene and other SVOCs were also found at levels exceeding SCGs. No pesticides or PCBs were detected in any of the groundwater samples collected on-site. No site-related metals were detected in filtered groundwater samples collected on-site above their SCG. However, certain naturally-occurring metals (e.g., iron, manganese and sodium) were detected above drinking water standards. Site-related groundwater contamination does not extend off-site.

Soil vapor - Multiple VOCs were detected in each of the soil vapor samples as well as the ambient air sample. BTEX concentrations ranged from 1.66 ug/m3 in the ambient air sample to 1,219 ug/m3 in soil vapor adjacent to the existing tank field. CVOCs were reported in five of the six soil vapor/sub-slab vapor samples at concentrations ranging from 1.3 to 6.9 ug/m3.

ASSESSMENT OF HEALTH PROBLEMS:

Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. 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. Inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern because the site is vacant. Furthermore, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		02/11/2015	Actual

\*\*\*\*\*



***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.



***NO ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***



**ACTIVE 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 6** **STUYVESANT GARDENS -NYCHA** **Spill Number: 9603356** **Close Date:**  
 875 GATES AVE BROOKLYN, NY TT-Id: 520A-0041-843

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 618 feet to the NNE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: FRANK OCELLO - NYC HOUSING AUTHORITY Spiller Phone: (212) 306-3229  
 Notifier Type: Tank Tester Notifier Name: JENE TOLVE Notifier Phone: (718) 265-3355  
 Caller Name: JENE Caller Agency: STATE ENVIORNMENTAL SER Caller Phone: (718) 265-3355  
 DEC Investigator: jkkann Contact for more spill info: MR HILLARD Contact Person Phone: (718) 453-4900

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
06/11/1996		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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	6000	Horner EZ Check I or II	1.90	UNKNOWN

Caller Remarks:

leak rate -1.9

DEC Investigator Remarks:

12/14/05: This spill transferred from J.Kolleeny to S.Kraszewski.

03/23/06: This spill transferred to K.Tang – SK

09/23/10: J.Kann – spill transferred from K. Tang to J.Kann.



**ACTIVE 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 7**      **RESIDENTIAL**      **Spill Number: 0612764**      **Close Date:**  
 467 MACDONOUGH STREET      BROOKLYN, NY      TT-Id: 520A-0047-973

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1922 feet to the SE

**ADDRESS CHANGE INFORMATION**

Revised street: 467 MAC DONOUGH ST  
 Revised zip code: 11233

Source of Spill: UNKNOWN      Spiller:      Spiller Phone:  
 Notifier Type: Other      Notifier Name:      Notifier Phone:  
 Caller Name:      Caller Agency:      Caller Phone:  
 DEC Investigator: hrpatel      Contact for more spill info: GWENDOLYN BOOKER      Contact Person Phone: (718) 574-3686

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	
02/25/2007		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:

CALLER STATES THAT THERE IS AN OIL SPILL IN HER NEIGHBORS HOUSE. SHE CLAIMS TO HAVE SPOKEN WITH KEYSpan WHO CONFIRMED THAT THERE IS AN OIL SPILL AND ADVISED HER TO CLOSE HER WINDOWS.

DEC Investigator Remarks:

02/26/07-Hiralkumar Patel. received at neight on 02/25/07. spoke with Ms. Booker, who is living at 465 Macdonough street. she

mentioned that she noticed some oil smell in her apartment and reported to Keyspan. keyspan came to site and found vapors coming from oil spill area at neighbour's house at 467 Macdonough street. asked Ms. Booker to keep windows closed along spill site, as no cleanup was possible at night (snow and cold weather). got owner's name and number for spill site:

Edward Parker  
646-419-3807

spoke with Edward. he mentioned that oil was delivered on 02/23/07 and spilled about 10 gal outside at vent pipe. oil company put some absorbent and left scene. Mr. Parker was doing cleanup himself. his oil company is approved oil.

spoke with Vinny (718-238-1050) at approved oil. asked him to talk to owner for cleanup.  
spoke to Mr. Parker again and asked him to get oil company for cleanup. he spoke with Vinny and told that cleanup crew will be at site in morning (02/26/07).

received call from Vinny today. he sent his crew out for cleanup and will finish today. as per Vinny, they did removed absorbent that they used to clean spill initially and put another fresh absorbent and left scene. as per Vinny, spill was less than 5 gal, so he hasn't reported to DEC.

02/27/07-Hiralkumar Patel. visited site on 02/26/07. met Mr. Parker at site. found cleanup crew from approved oil at site. site has 1080 gal #2 oil tank enclosed in concrete vault, invisible. Mr. Parker doesn't know when tank was installed. tank is in back side of basement and away from fill port/vent pipe location. found oil at vent pipe and inside basement under vent pipe, as there is basement door next to vent. also found oil in area next to tank. floor in this area has tiles on it. Mr. Parker mentioned that a little pipe on top of tank was open during delivery and that cause overfilling tank. saw oil stain on concrete from this pipe, but not sure about if all oil in tank room area came out from this pipe. owner has hired cleanup guy, Mr. Peter Niesen (718-769-5678) from Allgone Removal Inc. found odors inside basement as well as upstairs.

not sure about floor condition in spill area as there was so much stuff in basement. asked owner to run test on tank to check its integrity and suggest him to replace this old tank as he is renovating entire building.

Edward Parker  
467 MacDonough Street  
Brooklyn, NY 11233  
Ph. (646) 419-3807  
Fax (718) 630-3004 (office fax)

\*\*building owner\*\*

Vinny S. Siciliano  
Approved Oil  
6741 5th Avenue  
Brooklyn, NY 11220  
Ph. (718) 238-1050  
Fax (718) 238-1053

sent CSL to Mr. Parker and Mr. Siciliano, requiring tank test and contaminated soil removal/endpoint samples.

03/13/07–Hiralkumar Patel. received fax from Mark from PTC. they will start subsurface investigation in this week.

06/19/07–Hiralkumar Patel. spoke with Mr. Parker. he hasn't done tank test or soil investigation as he was under the impression that the department will send someone for testing. explained Mr. Parker that as a building and tank owner, he has to do required work. sent Mr. Parker a list of contractors and copy of previous letter (02/27/07). also asked him to contact his oil company, approved oil, to submit report on spill cleanup at vent pipe.

spoke with Mr. Parker again. he received a fax with copy of letter and list of contractors.

07/25/07–Hiralkumar Patel. left message for Mr. Parker.

10/09/07–Hiralkumar Patel. spoke with Mr. Parker. he hasn't done anything yet. asked him to run tank test and send report with test result and condition of concrete. report must be made by independed contractor. sent list of contractors again. asked Mr. Parker to submit report by 11/09/07.

11/29/07–Hiralkumar Patel. left message for Mr. Parker.

01/31/08–Hiralkumar Patel. spoke with Mr. Parker. he hasn't done any work yet because of no money. asked Mr. Parker to get proposal for tank test. he will call back by Feb. 8, 2008.

11/20/14–Hiralkumar Patel.

1:24 PM:– left message for Mr. Parker.

01/09/15–Hiralkumar Patel.

11:20 AM:– went to site for inspection, but no access.

11:27 AM:– left message for Mr. Parker.

**Map Identification Number 8**



**CONSTRUCTION SITE**

1038 GREENE AVE

BROOKLYN, NY

**Spill Number: 1502938**

**Close Date:**

TT–Id: 520A–0308–943

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 2151 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Other

Caller Name:

DEC Investigator: TJDEMEO

Spiller: GREENE PASTURES LLC

Notifier Name:

Caller Agency:

Contact for more spill info: KEVIN

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 – 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	
06/16/2015		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

found 550 gal ust during excavation/tank was impacted by excavator and lost approx. 20 gal. water gas mixture/clean up underway

DEC Investigator Remarks:

6/16/15 TJD

Teleconference with Kevin Brusse at EBC – excavation contractor digging for new foundation struck a previously unknown UST. As per Kevin, tank appears to be a 550 gallon former gasoline tank abandoned with water. Tank is reported to be shown on an old sanborne map. An estimated 20 gallons of liquid (mostly water) discharged into open excavation. DeMeo directed the tank be emptied by 364 permitted hauler (ABC Tank is across street working on another of the same developers properties). The spill location is a NYC e–designation site (15CVCP052K). Following pumping tank, DeMeo requires tank to be removed, tank grave overexcavated and endpoint samples collected. Planned terminal depth of current excavation is 12 ft bgs.

Map Identification Number 9



**COMMERCIAL WAREHOUSE**  
834 LEXINGTON AVE

BROOKLYN, NY

**Spill Number: 1408617**

**Close Date:**  
TT–Id: 520A–0303–337

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2155 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Other  
Caller Name:  
DEC Investigator: RMPIPER

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency:  
Contact for more spill info: CHARLES SOSIK

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (631) 504–6000

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	
11/21/2014		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL, GROUNDWATER

Caller Remarks:

cleanup pending

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 10**  **2 DIFFERENT GETTY STATIONS - MISC**  
 10 MALCOM X BLVD  
 BROOKLYN, NY  
**Spill Number: 0612492**  
**Close Date:**  
 TT-Id: 520A-0047-975

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2492 feet to the N

ADDRESS CHANGE INFORMATION  
 Revised street: 10 MALCOLM X BLVD  
 Revised zip code: 11221

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: KGHale

Spiller: MANNY SCRUIKE  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: MANNY SCRUIKE

Spiller Phone: (516) 220-5549  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (516) 220-5549

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	
02/15/2007		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

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Caller Remarks:

FOUND CONTAMINATED SOIL

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DEC Investigator Remarks:

5/2/2007 – Feng – Tyree called in and Spill #06–12492 is assigned to this site. Reviewed the Subsurface Investigation Report for Spill #: 98–10224, dated March 2007 and submitted by Tyree on behalf of Getty Properties. Tyree did an offsite investigation to delineate the extent of the groundwater contamination. Tyree has installed 3 monitoring wells and 2 of them are located in the property at 10 Malcolm X Blvd. One of the wells, W–12 is near the dispenser islands. Groundwater samples collected and the analytical results reveal elevated VOCs concentration, e.g. 26,459 ppb BTEX in W–12 and 17,429 ppb BTEX in W–13. The high BTEX concentration detected in these two wells suggested a possible petroleum discharge originated from the gasoline station at 10 Malcolm X Blvd and further delineation of the subsurface contamination is warranted. Checked the PBS registration record, 2–600417. Latest test date is 8/1/1988, and the 8/1/2003 test has not performed as required.

DEC sent a letter to Petroleum Distribution Inc (PDI) requiring: 1) tank tightness test and line pressure test. 2) Investigation Work Plan for soil/groundwater contamination. 3) Work Plan for soil vapor investigation. Tank test report and the IWP are due 6/15/2007. (RJF)

6/12/2007 – Feng – The letter sent on 5/2/2007 was returned. Resent the letter to M&V, LLC. cc to N. Sorkin (WTG). (RJF)

6/19/2007 – Feng – Call from E. Shurka (M&V LLC, 212–932–9100). He said he talked to Getty and Getty agreed to submit the investigation work plan. (RJF)

3/18/2008 – Feng – Reviewed the Site Assessment Report, dated 12/14/2007, prepared by C.D.S.P., Corp. CDSP collected two groundwater samples from the existing monitoring wells, W–12 and W–13 which were installed by Getty Properties. The analytical results show significant lower concentration compared to Tyree's sampling. Requested spill closure.

DEC sent a letter to E. Shurka and require soil borings from the gasoline station. Site plan with borings location attached. ISR due 5/30/2008. (RJF)

4/9/2008 – Feng – Dan Yarom from CDSP called (cdsp4u@aol.com). DEC agreed on installation of SB–2, SB–3 and SB–4. SB–1 and SB–5 will not be installed. One soil sample and one groundwater sample will be collected. (RJF)

5/8/2008 – Feng – Email and call from CDSP, the drilling of 3 soil borings is scheduled for Friday 5/9/2008. (RJF)

7/30/2008 – Reviewed Phase II Environmental Site Assessment Report dated May 9, 2008 prepared by CDSP Corp. CDSP installed 3 soil borings. 3 soil samples and 3 groundwater samples were collected. NO soil contamination was detected. Groundwater is contaminated, mostly with Ethylbenzene and Xylenes, no Benzene. Groundwater concentration is about 5,000 ppb TEX in each of the groundwater samples.

8/1/2008 – DEC sent letter to Efe Shurka requiring installation of permanent monitoring wells at the former soil borings location. A brief work plan is due 9/17/2008. (RJF)

1/12/2009 – Meeting with Efe Shurka, and his consultants Jim DeMartinis (JR Holzmacher), and Dan Yarom (CDSP). We went through the site history. Confirmed that during the soil borings installation, no PID readings were taken since it was heavily raining. The soil samples were selected by visual observation. Handed in the original lab results report. The consultants will FOIL the Getty site information and will decide what to do next by 2/2009. (RJF)

<b>Map Identification Number 11</b> 	<b>RESIDENCE</b> 415 MONROE STREET	BROOKLYN, NY	<b>Spill Number: 1411416</b>	<b>Close Date:</b> TT-Id: 520A-0306-568
<b>MAP LOCATION INFORMATION</b> Site location mapped by: PARCEL MAPPING (3) Approximate distance from property: 2503 feet to the W		<b>ADDRESS CHANGE INFORMATION</b> Revised street: NO CHANGE Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING Notifier Type: Other Caller Name: DEC Investigator: SXMAHAT	Spiller: unk Notifier Name: Caller Agency: Contact for more spill info: BATALLION 37		Spiller Phone: Notifier Phone: Caller Phone: Contact Person Phone: (718) 965-8337	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/05/2015		OTHER	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	

Caller Remarks:

spilled onto basement floor, spill is isolated and being cleaned up. nothing affected

DEC Investigator Remarks:

3/5/15: Mahat  
DEC Mahat contacted FDNY and confirmed that spill was minor and it was all contained. No other resources were impacted. DEC Mahat contacted Oil Company ( Paddy | 4th Ave Transportation @ 718.832.6057 ) and confirmed that clean up crew and mechanics are on the site for initial clean up.

A clean up report will be provided to the Department once it is ready.

3/19/15: Mahat

DEC Mahat contacted Oil company ( Ms. Paddy ) inquiring about the clean up reprot. She mentioned that clean up has been performed and a narrative clean up report will be provided to the Department.



**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 12**      **FORMER SERVICE STATION –MTBE**      **Spill Number: 9805815**      **Close Date:**  
 79 RALPH AVE      BROOKLYN, NY      TT-Id: 520A-0044-912

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2371 feet to the E

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY      Spiller: CHRIS BOYLE – OLD GAS SATTION      Spiller Phone: (917) 861-4229  
 Notifier Type: Other      Notifier Name: BRUCE STRANG      Notifier Phone: (718) 486-0011  
 Caller Name: BRUCE STRANG      Caller Agency: AREK PETRO      Caller Phone: (718) 486-0011  
 DEC Investigator: JAKOLLEE      Contact for more spill info: JAN SIENKIEWOCZ/AREK      Contact Person Phone: (718) 486-0011

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	
08/10/1998		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
MTBE (METHYL-TERT-BUTYL ETHER)	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	
BTEX	OXYGENATES	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

old tanks being removed    contamination found    soil being stock piled

DEC Investigator Remarks:

3/17/06 – Nathan – Contacted Chris Persheff, 212–772–7550, he has copy of the (7/18/00) report, Next Step, send letter/STIP to initiate additional investigation.

7/8/05 – Nathan – File review Environmental Assessment (7/18/00) Four GW wells installed groundwater was not encountered.

2/28/05 – also see 9711144. KST

Transferred Demeo to Rommel.

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ROMMEL"  
CONTAMINATION OF VOC'S AND SVOC'S FOUND IN WASTE OIL TANK ENDPOINT SAMPLES. VOC'S ALSO ENCOUNTERED WITH REMOVAL OF FORMER 550 GAS TANK BATTERY. SPOKE TO AARON LAPINE FROM BALTEC/DELTA, REQUESTED THAT 4 MONITORING WELLS BE INSTALLED ON SITE TO ASSESS GROUNDWATER.

12/9/03 TJD

02/26/01

Reassigned from Saccacio to Demeo

10/23/01 Sent letter request for additional work to C. Schmidgall @ Aggressive Environmental – 2 new gw MW's, additional soil boring, and sampling.

M.J. Hinton Region 9, on temp assignment to R2

11/02/06 Reassigned to Sun. (MS)

6/28/07: Called Chris Persheff @212–772–7550, however he no longer works with company. Secretary referred me to Anar and a message was left on his voicemail on 6/28/07. (JS/MS)

7/31/07: Received email from Christopher Boyle who said he thought spill had been closed after the installation of 4 MW where GW was not encountered in any. He has no further information. Will search for current RP and request for investigation status. (JS/MS)

9/11/07: MS sent C. Boyle additional GW investigation request letter from DEC showing file had not been closed. (JS/MS)

10/17/07: Following email sent to MS from C. Boyle regarding follow-up for 79 Ralph:

"Monica – We are property manager /owner for property. We want to do anything necessary to comply with DEC requirements. I think this may simply be a case of a situation slipping through cracks inadvertently. I would like chance to forward all existing files to our normal envt'l consultant, Mr. Douglas Reid of Lender Consulting Services. He has successfully helped us in numerous cases in need of DEC compliance and I would like him to oversee process from here on out. Can you give me a short while to get him involved ?

Christopher Boyle

Bradford N. Swett Management LLC  
1536 Third Avenue  
New York, NY 10028  
(212) 772-7550; Fax (212) 249-0029

Request was granted. (JS/MS)

1/28/08: Received via email on 1/23/08:

"Dear Monica – I apologize for delay in getting work plan to you. Things have been a bit more than crazy! We will have something to you soon. Sincerely, Douglas B. Reid  
Sr. VP, Environmental Services, Environmental Scientist, 1-800-474-6802

4/21/08: (JS/MM)

Dear Michael – We have received authorization and have work scheduled to begin tomorrow, April 22nd. We expect work to take remainder of week. Please call with any questions.  
Sincerely, Douglas B. Reid, Sr. VP, Environmental Services, Env't Scientist; 1-800-474-6802

6/24/08: Received Phase II ESA from Lender Consulting. (JS/MM)

7/3/08: VOC and MTBE contaminants found. SSI necessary. Must first regauge wells to determine GW flow direction. Locations of add'l MW TBD pending regauged well data. (JS/MM)

08/05/08: Transferred to Kolleen/Mandac. – JK

08/19/08: Received SIWP from LCS. Under review (JK/MM)

12/03/08: Phase II Site Assessment, Initial and Supplemental Investigation Summary dated 10/22/08 submitted by LCS under review. (JK/KG)

12/22/08: Rec'd email on 12/18/08 from Shawn Mittlefehldt: "LCS is contemplating chemical oxidation with quarterly GW sampling for 1 year. Would this be acceptable to DEC? If so, we will request permission from our client to prepare work plan for your review."

Responded: "After reviewing data submitted in Supplemental Investigation Summary dated Oct. 22, 2008 by LCS, use of chemical oxidation followed by quarterly GW monitoring would be an acceptable remedial approach at this site. Please prepare remedial action plan with details of chemical oxidation injection plan and follow-up monitoring. RAP should include collection of one round of GW samples from all wells prior to commencing remedial work, as a baseline measurement of contaminant levels. After one year of quarterly GW sampling (or sooner), effectiveness of this remedial approach should be evaluated. If it is not reducing contaminant levels, proposal for alternative approach should be developed. RAP should be submitted to NYSDEC by Feb. 27, 2009. Feel free to contact me if you have questions." (JK/KG)

03/03/09: Sent email to Shawn: "Please be advised that RAP for site is now past due. Please submit electronic and hard copy to me as soon as possible. If you are having difficulties meeting Feb. 27, 2009 deadline, please contact me to discuss." Rec'd

following email: "We have work plan prepared. We are working with endors to obtain better pricing for client. Sorry for any inconvenience, we can submit work plan by end of week. If you would like, copy of draft plan can be submitted for your review and when final is complete I can submit final for your approval if desired. Sincerely, Shawn Mittlefehldt"  
I told him to submit final work plan by 3/6/09. (JK/KG)

03/11/09: Sent email to Shawn reminding him to submit work plan. Rec'd call from Shawn stating that his client has directed him to do nothing. Work plan will not be submitted. Will need to contact RP. (JK/KG)

03/12/09: Sent letter to Mr. Boyle requiring RAP be submitted by 4/10/09. (JK/KG)

03/23/09: On 3/14/09 rec'd call from Doug Reid and Shawn Mittlefehldt of LCS stating that RAP was prepared but RP, Mr. Boyle, does not have full amount of money to pay for work. He wanted to know if there was any way that State could take over cleanup and Mr. Boyle could contribute to cleanup. He also said LCS has worked with Mr. Boyle for years and this is first time he has not had funding to perform required work. On 3/19/09, I spoke to John Urda for advice on this case. He said a Stipulation Agreement should be sent to RP. If RP is unable to do required work then case will need to be referred to legal. On 3/23/09, I spoke to Doug Reid and informed him that stipulation agreement will be sent to RP. (JK/KG)

03/24/09: Stipulation agreement sent to Mr. Boyle. Deadline is 04/10/09. (JK/KG)

04/21/09: Spoke to Mr. Boyle. He was under impression that DEC did not approve LCS' recommendations for remedial action. I told him we have not recieved RAP, therefore LCS' recommendations have not been reviewed. Proposal LCS gave Mr. Boyle was not financially feasible for him. I suggested that he see if LCS can propose different approach or get quotes from other consultants. He said he will talk to LCS and possibly check with other consultants and call back. (JK/KG)

06/23/09: Left message for Mr. Boyle. (JK/KG)

06/24/09: Rec'd message from Mr. Boyle stating that he is waiting for revised proposal for remediation from LCS. He said Doug Reid of LCS will be contacting DEC soon. Spoke to Mr. Boyle and reminded him that Stipulation Agreement is past due.

Current contact information for Mr. Boyle is:  
1536 Third Avenue, 3rd Floor, NY, NY 10028  
212-772-7550; bradfordswett@gmail.com (JK/KG)

06/25/09: Stipulation Agreement was resent to Mr. Boyle via email (eDocs). Respondent was changed from Mr. Boyle to Second Bronx/Brooklyn LLC. Signed Stip is due by 7/3/09 or this case may be referred to Office of General Counsel. (JK/KG)

07/06/09: Rec'd call from Doug Reid (LCS). He asked if it would be acceptable to monitor site quarterly for one year in order to assess stability of contaminant plume and allow RP time to accumulate necessary funds to remediate site.

Also rec'd an email from Reid: "Dear Kathleen – Thank you for talking with me earlier regarding envt'l status of subject property. As we discussed, my client would like to monitor stability of plume for 1–2 years while they generate revenue to address contamination on–site. Addt'l data would also be used in refining remedial approach. Given previously documented GW flow (or lack thereof) I think it would benefit client as well as State if this approach would be considered. I understand you will be meeting with Jonathan Kolleeny to discuss this when he returns from vacation. If you would like to discuss this approach

further, please do not hesitate to call. Sincerely, Douglas B. Reid" (JK/KG)

07/14/09: Letter sent to Boyle requiring round of GW samples be collected from all wells. A report summarizing results, with recommendations for further action, is due 9/4/09. Also, if signed Stip is not returned by 7/20/09 this case may be referred to legal dept. (JK/KG)

07/20/09: Rec'd faxed copy of signed Stip. Boyle stated hard copy would be sent in mail today. (JK/KG)

07/27/09: Stipulation agreement executed on 7/22/09. Executed Stip & revised CAP, reflecting recent requirements stated in DEC's letter dated 7/14/09, were sent to Boyle. (JK/KG)

09/15/09: Spoke to Doug Reid. He said wells were sampled and rpt needs to be prepared. He stated rpt has not been prepared due to overwhelming amount of projects/work at LCS. (JK/KG)

11/3/09 Spill case transferred from J. Kolleeny to J.A. Maisonave. – JAM

11/3/09 Reviewed Supplemental GW Monitoring Rpt – Aug. 28, 2009 submitted by LCS, Inc. dated Oct. 20, 2009. All 8 monitoring wells were gauged and sampled on Aug. 19, 2009. VOCs were detected in 4 of 8 wells and ranged from 1,793 ug/L in MW-6 to 11,190 ug/L in MW-2. No SVOC analysis. Well down-gradient (MW-6) and well across street (MW-8) were both ND. Contamination in all wells except MW-2 has decreased since last monitoring event in Sept. 2008. Quarterly GW monitoring will continue as consultant recommends monitored natural attenuation (MNA) as remedy. This rpt is uploaded to eDocs. – JAM

12/7/09 Spoke to Shawn Mittlefehldt and Doug Reid from LCS about latest GW monitoring rpt. I will issue letter requiring Quarterly GW Monitoring to continue. If contaminant levels do not continue to decline, then more aggressive remedial approach will be required. – JAM

12/10/09 Wrote letter to Christopher Boyle. NYSDEC requires:

1. A round of GW samples should be collected immediately from all monitoring wells and analyzed for TAGM 4046 list of petroleum-related VOCs. GW monitoring should then continue on a quarterly basis, and rpts should be submitted after each sampling event along with a site diagram showing well locations and GW flow direction.

2. If next sampling round shows that VOC concentrations have not decreased since Aug. 2009 monitoring event, then Monitored Natural Attenuation is not an adequate remedy, and an alternative remedial strategy should be proposed for NYSDEC review.

Letter uploaded to eDocs. – JAM

4/22/10 Reviewed GW Monitoring Rpt submitted by LCS dated Feb. 26, 2010. On Dec. 16, 2009, LCS sampled monitoring wells MW-1 thru MW-8. Results for wells MW-3, MW-4, MW-7 and MW-8 were below detection limit for VOCs. Total VOC concentrations are as follows:

MW-1 increased from 8,410 ug/L on 8/19/2009 to 10,112 ug/L

MW-2 decreased from 11,190 ug/L on 8/19/2009 to 6,531 ug/L

MW-5 increased from 11,864 ug/L on 8/19/2009 to 12,795 ug/L

MW-6 decreased from 1,793 ug/L on 8/19/2009 to 421 ug/L

I spoke with Doug Reid at LCS today about their recommendation to continue MNA as remedy. I advised Doug that quarterly GW monitoring is required and 1st Qtr 2010 round of sampling is past due. LCS should collect GW samples from all wells immediately and prepare a rpt. If VOC concentrations do not show a decrease in next monitoring event, then LCS must propose a remedial strategy to address GW contamination. GW Monitoring Rpt is uploaded to eDocs.

Next round of groundwater sampling is scheduled for Friday, April 30, 2010. – JAM

10/25/10 Received an email from Mr. Adam Zebrowski stating the following:

Dear Mr. Maisonave: Please review attached proposal and contact Douglas Reid (800-474-6802) with any questions. As this is last quarterly groundwater sampling event, please let us know if further work is required at your earliest convenience. Sincerely,  
Adam K. Zebrowski, Environmental Analyst, Lender Consulting Services, Inc.

There was no attached proposal to his email. Contact Mr Zebrowski about proposal. – JAM

05/03/11: This spill case transferred from J. Maisonave to J. Kolleeny. – JK

05/05/11: Reviewed GW Monitoring Event Rpts for 10/25/10 and 2/3/11 sampling events, by LCS, dated 2/1/11 and 3/3/11, resp. (in eDocs). GW data show persistent high levels of VOCs in several wells: MW-1 had 3,356 ug/L total VOCs in Oct. 2010 and 1,740 ug/L tVOCs in Feb. 2011; MW-2 had 3,747 ug/L tVOCs in Oct. 2010 and 3,798 ug/L tVOCs in Feb. 2011; MW-5 had 11,390 ug/L tVOCs in Oct. 2010 and 8,321 ug/L tVOCs in Feb. 2011. LCS recommends continued quarterly monitoring, suggesting that contam levels will continue to decrease by natural attenuation, and states that a more aggressive remedial approach does not appear to be warranted at this time. I sent letter (in eDocs) to RP Christopher Boyle (bradfordswett@gmail.com), cc's to Adam Zebrowski & Douglas Reid at LCS, stating that DEC disagrees with this evaluation and that historical GW data suggest that rate of natural attenuation at site is too slow to lead to spill closure in timely manner. In addition, available soil data indicate significant levels of "smear zone" soil contam at water table which are likely contributing to persistent GW contam. Most recent dissolved-phase contam levels in wells MW-1, MW-2 and MW-5 warrant active remediation to accelerate downward trend in contam levels and expedite movement of spill toward closure. I asked that they prepare detailed RAP to address petroleum impacts related to spill and submit for DEC review by no later than 6/30/11; failure to comply with deadline will be considered violation of the 7/22/09 Stipulation Agreement. – J. Kolleeny

06/27/11: On 6/24/11, received email from Shawn Mittlefehldt stating: "Dear Mr. Kolleeny: Please review attached letter and let me know if this is acceptable to you." Attached letter by LCS (in eDocs), dated 6/27/11, requested extension of 6/30/11 deadling for submission of RAP (established in my letter of 5/5/11) to July 30, 2011. I sent email (in eDocs) to RP Christopher Boyle, cc's to Shawn Mittlefehldt, Adam Zebrowski & Douglas Reid: "Dear Mr. Boyle: In my letter to you dated May 5, 2011, I set deadline of June 30, 2011 for submittal of Remedial Action Plan (RAP) to address petroleum contamination at this spill site. On June 24, 2011, I received via email a letter dated June 27, 2011 from your env't consultant, LCS Inc., requesting an extension of June 30, 2011 deadline to July 30, 2011. Since July 30, 2011 falls on a Saturday, I will agree to extend deadline for submittal of required RAP to Friday, July 29, 2011. Please be advised that failure to submit RAP by new deadline may result in referral of this case to our Office of General Counsel for initiation of enforcement proceedings. Please feel free to contact me if you have any questions." – J. Kolleeny

07/06/11: Reviewed Groundwater Monitoring Event – April 27, 2011 rpt by Lender Consulting Svcs, Inc., dated 7/6/11 (in eDocs).

Rpt presents well gauging data over multiple monitoring events, showing GW flow direction generally to SW, and results of GW sampling on 4/27/11, showing significant dissolved impacts remaining in wells MW-1, MW-2 and MW-5. Well MW-1 had 3,942 ug/L total VOCs, up from 1,740 ug/L in Feb. 2011; well MW-2 had 1,697 ug/L tVOCs, down from 3,798 ug/L in Feb. 2011; well MW-5 had 8,208 ug/L tVOCs, down a little from 8,321 ug/L in Feb. 2011. Well MW-6 had only 3 ug/L tVOCs, down from 118 ug/L in Feb. 2011. Rpt states that next GW monitoring event will be in late July 2011; also states that because DEC's 5/5/11 letter stated that rate of natural attenuation is too slow to lead to spill closure in timely manner and that active remediation is warranted, LCS is currently evaluating possible remedial alternatives and associated costs, in effort to comply with DEC requirements. – JK

07/28/11: On 7/26/11, received RAP dated 7/26/11 by Lender Consulting Svcs via email from Shawn Mittlefehldt. RAP proposed application of RegenOx and ORC Advanced to subsurface via 7 injection wells to address smear zone soil & GW contamination, with add'l injections as necessary to reduce contaminant levels; remedial action completion rpt will be prepared after initial event and follow-up quarterly monitoring & rping will be performed for one year to evaluate effectiveness of treatment. I contacted Shawn and requested revisions, including Site Location Map, injection well construction diagram, and table with recent & historical GW data, to make RAP more stand-alone document. On 7/27/11, received revised RAP with requested add'l materials (in eDocs). Sent email to Shawn with question: "Injection Well construction diagram shows screened interval of 20 ft, from 25-45 ft bg. That seems like a long screened interval for injections; I thought screened intervals for such injections are usually focused a few ft above/below water table. Will long screened interval reduce area of influence of injections (i.e., horizontal extent of penetration into formation)? Is this something you have checked with Regenesis, or if not, can you check into it with them? Or provide some supporting explanation for this choice of screen length, based on field experience or literature on such injections?" Shawn sent reply: "It was recommended to me that at least 20 ft of screen should be installed for injection wells. Reason for this is to allow access to GW if it were to rise to above level that say only 10 or 15 ft of screen would span. Actual injection application will be completed with well packer which will allow us to isolate particular screened section, inject, rise up to next section, inject, and so on until entire zone has been treated. This was confirmed by 2 separate parties. Please let me know if you have additional questions." On 7/28/11, sent approval letter (in eDocs) to Christopher Boyle (RP), with cc's to Shawn, Adam Zebrowski & Doug Reid of LCS, noting that post-injection quarterly monitoring/rping should continue until spill closure (not just for one year), that if injections are not effective, add'l remedial actions will be necessary, that USEPA Underground Injection Control program must be notified in advance of injections, and that RAP must be implemented with 60 days of this approval, or deadline extension must be requested with explanation and round of GW sampling must be done for up-to-date baseline data. – JK

08/05/11: Received email from Shawn Mittlefehldt of LCS: "LCS is scheduled to begin installing injection wells on Tuesday August 9th. Also, LCS just recently (a week ago) collected next quarter samples from this site. Will this be acceptable for up-to-date baseline described within your RAP approval letter? Please let me know if you have any questions." I sent email reply: "Thanks for notification on fieldwork schedule. Yes, GW samples collected a week ago are acceptable for providing baseline GW data. Please let me know if there are any scheduling changes or problems with fieldwork." – J. Kolleeny

08/22/11: Received email from Shawn Mittlefehldt of LCS: "Project update! LCS has finished injection well completion for this project and received approval from EPA on UIC inventory (please see attached [in eDocs]). Injection portion of project is scheduled to begin on Monday August 29th. Please let me know if you have any questions." – J. Kolleeny

12/27/11: Reviewed Injection Well Install'n and Chem Ox Application Rpt by LCS Inc., dated 12/15/11 (in eDocs). Rpt summarizes install'n of injection wells at site and application of RegenOx and ORC Advanced in August 2011. Also reviewed rpt for GW Mon Events – July 27, 2011 and Nov. 17, 2011, by LCS dated 12/15/11 (in eDocs). Rpt presents results of pre-and post-injection GW sampling events at site. Data show well MW-1 had 3,797 ug/L total VOCs in July 2011 (pre-inject) and 776 ug/L tVOCs in Nov. 2011

(post-inject); MW-2 had 1,099 ug/L tVOCs in July 2011 and 610 ug/L in Nov. 2011; MW-5 (historically worst well) had 9,323 ug/L tVOCs in July 2011 and 8,121 ug/L in Nov. 2011. Rpt recommends continued quarterly GW monitoring; next monitoring event scheduled for Feb. 2012. Changed spill priority ranking to P2 because RAP has been implemented and site is in GW monitoring phase. – J. Kolleeny

08/07/12: Reviewed rpt: GW Mon Event – March 21, 2012 by LCS Inc., dated 6/29/12 (in eDocs). Results of March 2012 GW sampling show contaminant rebound in two worst wells: MW-1 had 1,831 ug/L total VOCs (up from 776 ug/L in Nov. 2011), and MW-5 had 11,100 ug/L tVOCs (up from 8,124 ug/L in Nov. 2011); well MW-2, which had 610 ug/L tVOCs in Nov. 2011, was not sampled due to parked car over well. Rpt recommends continued quarterly monitoring, with next event scheduled for June 2012; I agree for now. – J. Kolleeny

04/19/13: Reviewed rpts: GW Mon Event – August 29, 2012 and GW Mon Event – December 19, 2012 by LCS Inc., dated 10/18/12 and 1/10/13, resp. (in eDocs), both received on 1/14/13. Results of Aug. 29, 2012 GW sampling event show well MW-1 had 5,741 ug/L total VOCs (up from 1,831 ug/L in March 2012); well MW-2 had 1,197 ug/L tVOCs (up from 610 ug/L in Nov. 2011; wasn't sampled in March 2012); and well MW-5 had 12,250 ug/L tVOCs (up from 11,100 ug/L in March 2012). Results of Dec. 19, 2012 GW sampling event show well MW-1 had 4,616 ug/L tVOCs (down from 5,741 ug/L in Aug. 2012); well MW-2 had 1,778 ug/L tVOCs (up from 1,197 ug/L in Aug. 2012); and well MW-5 had 7,330 ug/L tVOCs (down from 12,250 ug/L in Aug. 2012). Rpt states that total VOCs in part of plume proximate to former UST area decreased significantly since Aug. 2012 sampling event. LCS recommends that quarterly GW monitoring continue; next sampling event scheduled for week of March 18, 2013. – J. Kolleeny

08/06/13: Reviewed rpt GW Mon Event – March 18, 2013 (First Quarter 2013), dated 4/4/13, by LCS Inc. (in eDocs). Results of 3/18/13 GW sampling event show well MW-1 had 5,804 ug/L total VOCs (up from 4,616 ug/L in Dec. 2012); MW-2 had 2,805 ug/L tVOCs (up from 1,778 ug/L in Dec. 2012); MW-5 had 9,130 ug/L tVOCs (up from 7,330 ug/L in Dec. 2012); off-site well MW-8 had 472 ug/L tVOCs (up from 13 ug/L in Dec. 2012). LCS states that altho VOCs increased since Dec. 2012, Dec. 2012 levels were decrease from Aug. 2012, and that addt'l monitoring is needed to see if this is seasonal effect. Next sampling event scheduled for June 2013. – JK

09/12/13: Reviewed rpt "GW Mon Event – June 27, 2013 (Second Quarter 2013)," dated 7/17/13, by LCS Inc. (in edocs). Results of 6/27/13 GW sampling event show well MW-1 had 4,286 ug/L total VOCs (down from 5,804 ug/L in March 2013), well MW-2 had 835 ug/L tVOCs (down from 2,805 ug/L in March 2013), well MW-5 had 4,618 ug/L tVOCs (down from 9,130 ug/L in March 2013), off-site well MW-8 had 146 ug/L tVOCs (down from 472 ug/L in March 2013). LCS notes that most recent data show VOC levels have decreased or remained stable since August 2012, and that addt'l monitoring is needed to further evaluate this apparent trend. Next sampling event scheduled for Sept. 2013. – J. Kolleeny

01/27/14: Reviewed rpt "GW Mon Event – Sept. 30, 2013 (Third Quarter 2013)," dated 12/2/13, by LCS Inc. (in eDocs). Results of 9/30/13 GW sampling event show well MW-1 had 1,211 ug/L total VOCs (down from 4,286 ug/L in June 2013), well MW-2 had 1,570 ug/L tVOCs (up from 835 ug/L in June 2013), well MW-5 had 4,930 ug/L tVOCs (up from 4,618 ug/L in June 2013), off-site well MW-8 had 290 ug/L tVOCs (up from 146 ug/L in June 2013). Rpt states that total VOCs in GW have decreased or stayed consistent since Aug. 2012, and that addt'l monitoring is needed to further evaluate this trend. Next sampling event scheduled for late Dec. 2013. – JK

03/10/14: Reviewed GW Mon Event – Dec. 20, 2013 (4th Quarter of 2013) dated 1/20/14, by LCS, Inc. (in eDocs). Results of 12/20/13 GW sampling event show well MW-1 had 399 ug/L total VOCs (down from 1,211 ug/L in Sept. 2013), well MW-2 had 2,129 ug/L tVOCs (up from 1,570 ug/L in Sept. 2013), well MW-5 had 6,208 ug/L tVOCs (up from 4,930 ug/L in Sept. 2013); off-site well MW-8 had 348 ug/L tVOCs (up from 290 ug/L in Sept. 2013). Rpt states that it appears that tVOCs in GW have decreased or remained consistent since Aug. 2012, and that addt'l monitoring is needed to further evaluate this apparent trend. Rpt states that VOCs have only

recently been detected in off-site well MW-8, and that it's not clear if this impact is related to on-site impact. Next sampling event scheduled for late March 2014. – J. Kolleeny

03/11/14: On 3/7/14, received email from Charles Sosik of Env'tl Business Consultants: "Jonathan, I wanted to inform you that property was sold and new owners intend to redevelop property. It is our understanding that remedial activity was previously performed and that project is near closure. Please let us know if anything is needed at this point from new owners to close out spill file. Thanks." On 3/11/14, I sent reply: "Charles, I'm afraid my appraisal of this project is a little different from your impression that spill is near closure. It's true that remedial action in form of chemical oxidant injections has been performed at site. However, ongoing GW sampling continues to show persistently high levels of VOCs in several wells, which do not show a clear decreasing trend in contaminant levels. Most recent monitoring rpt for site, dated 1/20/14 and prepared by LCS Inc., shows that well MW-2 had 2,129 ug/L total VOCs when sampled in Dec. 2013, an increase from 1,570 ug/L in Sept. 2013 and from 835 ug/L in June 2013 (this well had 2,805 ug/L total VOCs in March 2013); well MW-6 had 6,208 ug/L total VOCs in Dec. 2013, an increase from 4,930 ug/L in Sept. 2013 and from 4,618 ug/L in June 2013 (MW-6 had 9,130 ug/L total VOCs in March 2013). It seems likely that add'l remedial actions will be needed to move this spill case toward closure. Please feel free to contact me with any questions about this project." Charles replied: "Thanks for getting back to me. That assessment was from LCS so I thought there might have been some consensus. New owners definitely want to proceed with whatever is needed to complete remediation. Let's discuss and scope out a remedial approach. We can then prepare and submit a remedial plan. Thanks." – J. Kolleeny

03/14/14: Spoke with Charles Sosik of Env'tl Business Consultants; I told him I suspect there may be residual soil contam in vadose zone acting as ongoing source of GW contam, and suggested he review available soil data to confirm or deny this. He agreed to do so. – JK

03/27/14: Received email from Charles Sosik of EBC, with attached LCS site plan showing sampling locations and boring logs by LCS (in eDocs with 9/08 date); email stated: "Jonathan, see attached boring info from LCS showing PID hits and contamination in soil from 38–48 ft. Based on this I'm inclined to go with an injection only program. Let me know and we will prepare a remedial plan for review and approval. We'd like to get started as soon as possible. Thanks." I sent reply: "Charles, Yes, I see boring logs seem to indicate only significant soil impacts are at smear zone. You can go ahead and prepare a remedial plan involving chemical oxidant injections or something along those lines." – J. Kolleeny

04/09/14: On 4/7/14, received email from Charles Sosik of EBC with attached RAP proposing RegenOx/ORC Advanced injections with follow-up GW sampling & reporting. After review, I sent email on 4/9/14: "Charles, I've looked over Remedial Action Plan for this site, and I have a number of questions/comments/requests:

- 1) Rpt proposes install'n of 1-inch diameter injection wells. I am more familiar with consultants using 2-inch wells for chem ox injections. Do you have any experience with use of 1-inch wells for this? I am concerned that with depth to GW being ~42 ft, a lot of back pressure may develop in 1-inch wells during injections, inhibiting amount of chem ox successfully delivered to water table.
- 2) Rpt section 3.1.1 discusses accessing injection wells after bldg construction and states that wells will have tubing routed back to parking garage, but there is no preceding mention or discussion of bldg or garage. Rpt section 2.0 Site Background (or a newly added section) should discuss planned redevelopment of site in more detail.
- 3) Rpt section 4.1 states that to monitor effectiveness of injections, GW samples will be collected from 4 new monitoring wells,

to be installed down-gradient of source area, but next section 4.2 states: "Each of 7 monitoring wells will be sampled..." Four vs. 7 monitoring wells discrepancy should be made consistent (I assume that 4 is correct and 7 was a mistake?).

4) Figure 3 – Injection Plan shows proposed locations where new monitoring wells will be installed, and two of wells are shown within bldg outline. Rpt section 4.1 should explain where and how these wells will be installed and accessed.

5) Locations of proposed monitoring wells 14MW3 and 14MW4 shown in Fig. 3 (in sidewalk along Ralph Ave) should be moved about 20–25 ft north along sidewalk (site conditions permitting), to put them more directly down-gradient of most impacted current wells, MW–2 and MW–5.

6) There's an off-site well, MW–8, across Ralph Ave from site (not shown in your site plans). Starting in March 2013, this well went from having virtually no contam to having moderately elevated VOC levels (from 146–472 ug/L total VOCs), indicating some off-site migration of plume. This well should be included in post-injection GW sampling events to evaluate these off-site impacts, at least initially. If 2 rounds of sampling show little or no impacts in this well, it can be omitted from any future sampling events that may be needed.

Please let me know your thoughts about 1-inch versus 2-inch wells for chemical injections, and please revise RAP to address other issues. Feel free to call to discuss further."

Then sent follow-up email with add'l comments: "Charles, it may also be a good idea to adjust locations of some proposed injection wells (or add a few add'l injection wells) to address area of existing well MW–2, since none of proposed injection wells seem to be located in that area. One more comment: RAP's title page gives site address as 75 Ralph Ave; correct address is 79 Ralph Ave (and for some reason, LCS's rpts list address as 79A Ralph Ave)." – JK

04/11/14: Received email from Charles Sosik with responses to my 4/9/14 comments: "NYC identifies property as 75 Ralph and technically it is 75–83 Ralph but we will change to 79 to be consistent with DEC's reference. Don't know where "A" came from either. \* Injection well diameter won't affect injection efficiency. It's more of a function of screen slot size (open area) and hydraulic properties of aquifer. 42 ft of a liquid column translates to about 18 psi which allows injection to be gravity fed instead of pumping. We have used 1-inch injection wells almost exclusively with no issues. \* All of wells need to be installed after basement is excavated and will need to be protected. MWs are located in hallway and can be accessed through a manhole cover. \* Will add/revise other sections as requested and get revised version to you today." Later, received revised RAP (in eDocs), proposing application of chelated iron-activated sodium persulfate via 10 injection points to address persistent GW contam. Install'n of injection pts will be coordinated with redevelopment of site and incorporated into planned on-site bldg to allow for add'l injection events, if needed. To monitor effectiveness of injections, 4 new wells will be installed at site to replace wells that will be destroyed during site development: 2 wells in sidewalk along Ralph Ave, and 2 wells inside planned on-site bldg. New wells, plus existing off-site well MW–8, will be gauged & sampled on quarterly basis (at a minimum), to evaluate GW quality and need for further injections. Project status rpts will be submitted to DEC on quarterly basis. RAP states that EBC will notify USEPA Underground Injection Control program in advance of injections. I sent letter (in eDocs) approving plan to Sol Feder (Blue Group Properties, 70 Taaffe Place, Brooklyn, NY 11205, sol@velocityframers.com), cc to Charles Sosik of EBC. – JK

**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
1214944	AWME CHURCH	277 STUYVESANT AVE	BROOKLYN
1200586	FUEL OIL SPILL AND SEEPAGE TO NEIGHBOR	492 MONROE STREET (SOURCE SITE)	BROOKLYN
1307014	COMMERCIAL	1003 GREENE AVENUE	BROOKLYN
1010795	APT BUILDING	853 LAFAYETTE AVE	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 13**      **701 PUTNAM AVE.**      **Spill Number: 9206194**      **Close Date: 10/07/1992**  
 701 PUTNAM AVE      BROOKLYN, NY      TT-Id: 520A-0051-417

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 584 feet to the SW

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING      Spiller:      Spiller Phone:  
 Notifier Type: Other      Notifier Name:      Notifier Phone:  
 Caller Name: EDWARD DWYER      Caller Agency: BAERENKLAU      Caller Phone: (718) 647-4200  
 DEC Investigator: MITCHELL      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
08/28/1992	10/07/1992	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

DELIVERY ON AUGUST 4 – LINE U/G IS LEAKING– ACTION OIL LINE      DICONNECTED– OIL STAIN ON CONCRETE FLOOR.      SITE CLEANED UP

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 14** **850 GREEN AVE**  
 850 GREEN AVE

BROOKLYN, NY

**Spill Number: 0612617**

**Close Date: 05/30/2007**  
 TT-Id: 520A-0047-970

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1263 feet to the NNW

ADDRESS CHANGE INFORMATION  
 Revised street: 850 GREENE AVE  
 Revised zip code: 11221

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Responsible Party  
 Caller Name:  
 DEC Investigator: rmpiper

Spiller:  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: JOSEPH FARIELLO

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (516) 686-2015

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
02/21/2007		TANK 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:

TANK 'DRIPPED OIL' ONTO A CONCRETE SLAB. TANK HAS BEEN RED TAGGED. LEAK HAS BEEN SEALED. TANK WILL BE REPLACED TOMORROW.

DEC Investigator Remarks:

minor spill, repairs made. Closed.

**Map Identification Number 15** **JUNIOR HIGH SCHOOL 57**  
 125 STUYVESANT AVENUE

BROOKLYN, NY

**Spill Number: 9605970**

**Close Date: 07/14/2005**  
 TT-Id: 520A-0051-415

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1626 feet to the N

ADDRESS CHANGE INFORMATION  
 Revised street: 125 STUYVESANT AVE  
 Revised zip code: 11221

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: IVAN FARIAS – SCHOOL CONSTRUCTION AUTHO Spiller Phone: (718) 472-9350  
 Notifier Type: Other Notifier Name: RICHARD DOINO Notifier Phone: (516) 673-0067  
 Caller Name: RICHARD DOINO Caller Agency: T.R.R. ENVIROMENTAL Caller Phone: (516) 673-0067  
 DEC Investigator: TLDiaz Contact for more spill info: GENE – DIRKS HEATING Contact Person Phone: (718) 784-0246

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	
08/07/1996		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLERS COMPANY WAS HIRED TO REMOVE THE TANKS AND DISCOVERED GROUND CONTAMINATION – THE DIRT AROUND THE TANKS HAS BEEN EXCAVATED AND PLACED ONTO PLASTIC ON SITE

DEC Investigator Remarks:

7/14/05 Site investigation conducted. No staged soil piles found.

**Map Identification Number 16** **SPILL NUMBER 9902888** **Spill Number: 9902888** **Close Date: 07/13/1999**  
 545A QUINCY ST BROOKLYN, NY TT-Id: 520A-0043-826

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1688 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: REED Spiller Phone: (718) 443-4278  
 Notifier Type: Other Notifier Name: RAY LARA Notifier Phone: (718) 624-4842  
 Caller Name: RAY LARA Caller Agency: PETROLEUM TANK CLEANERS Caller Phone: (718) 624-4842  
 DEC Investigator: SMSANGES Contact for more spill info: MRS REED Contact Person Phone: (718) 443-4278

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		
06/12/1999		TANK FAILURE	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:

spill contained – cleanup in progress

-----

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

Saturday. water break in empty house next door (vandals stole the copper pipes and left water on. This water caused tank in abandoned house to lift and break away from floor and leak into water in basement. 1500 gal of this oil/water mix came into basement of 545A quincy st. Petroleum tank cleaners got into abandoned house and turned off the water. PTC did initial rough clean of basement at 545A.

Sangesland did detective work and tracked the owner as Mr. Yoram Eli, Linclon Equities, 89-04 70th Rd. Forest Hills NY

Mr. Eli met Sangesland at the site and agreed to pay Mrs. Reid for the money she spent to clean her basement and to have her basement steam cleaned.

Call back to Mrs. Reid said the basement was clean and problem solved.

closed

**Map Identification Number 17**      **743 HANCOCK STREET**  
      743 HANCOCK STREET

BROOKLYN, NY

**Spill Number: 9207660**

**Close Date: 10/06/1992**  
 TT-Id: 520A-0044-190

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1873 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller:	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: ED DWYER	Caller Agency: BAERENKLAU FUEL	Caller Phone: (718) 647-4200
DEC Investigator: O'DOWD	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	
10/02/1992	10/06/1992	TANK FAILURE	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CUST. DISCOVERED LEAK-CALLED SVCMN-TANK LEAKING-275GAL A/G BASEMENT- WORKING TO STOP LEAK- 10/02/92 300/PM N/A CUSTOMER HOUSE AND N/A BAERENKLAU CLEANUP ENROUTE

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

<b>Map Identification Number 18</b>	<b>RESIDENCE</b>	<b>Spill Number: 0504491</b>	<b>Close Date: 07/15/2005</b>
	467 MACDONOUGH STREET	BROOKLYN, NY	TT-Id: 520A-0044-177

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1922 feet to the SE

ADDRESS CHANGE INFORMATION  
 Revised street: 467 MAC DONOUGH ST  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: FREDERICK ALLEN	Spiller Phone: (718) 493-0030
Notifier Type: Other	Notifier Name: SANJI KISSON	Notifier Phone: (516) 686-2012
Caller Name: SANJI KISSON	Caller Agency: PETRO OIL	Caller Phone: (516) 686-2012
DEC Investigator: JBVUGHT	Contact for more spill info: FREDERICK ALLEN	Contact Person Phone: (718) 493-0030

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/2005		TANK FAILURE	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:

Spill was on basement cement floor. Customer refused to have tank pumped out. Leak is temporarily stopped.

-----  
 DEC Investigator Remarks:

7/15/05-Vought-Off hours responder. Called Fredrick Allen and leak was slow and bucket was placed under the tank. No people residing in basement. Mr. Allen is property owner. Mr. Allen will have tank repaired. Leak has stopped and was on concrete. No sewers or drains affected. Spill closed by Vought.

**Map Identification Number 19**      **NYPD 81ST PCT**      **Spill Number: 9513317**      **Close Date: 05/23/1997**  
      18 RALPH AVE      BROOKLYN, NY      TT-Id: 520A-0041-749

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2265 feet to the ENE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: IGOR GOLSHTEYN	Notifier Phone: (212) 545-7440
Caller Name: IGOR GOLSHTEYN	Caller Agency: RECON ENVIRON CORP	Caller Phone: (212) 545-7440
DEC Investigator: WEISSMAN	Contact for more spill info:	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
01/23/1996		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:

in process of removing tank – spill found under dispenser

-----  
 DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 20** **742 HALSEY ST.** **Spill Number: 9401949** **Close Date: 05/10/1994**  
 742 HALSEY ST BROOKLYN, NY TT-Id: 520A-0044-194

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2318 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller:	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: FRANK SACINO	Caller Agency: PETRO OIL	Caller Phone: (718) 545-4500
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
05/10/1994	05/10/1994	TANK FAILURE	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 CONCRATE BASEMENT. SPEEDY DRY USED. BOTTOM TANK DRIPPING WILL REPAIR.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"

**Map Identification Number 21** **GULSTON HOME**  
 182 BAINBRIDGE STREET

BROOKLYN, NY

**Spill Number: 0513938**

**Close Date: 03/07/2006**  
 TT-Id: 520A-0046-423

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2345 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name: RICHARD FARFURM  
 DEC Investigator: SMSANGES

Spiller: MR GULSTON – GULSTON HOME  
 Notifier Name: RICHARD FARFURM  
 Caller Agency: MADISON OIL  
 Contact for more spill info: MR GULSTON

Spiller Phone: (718) 574-4281  
 Notifier Phone: (718) 444-3400  
 Caller Phone: (718) 444-3400  
 Contact Person Phone: (718) 574-4281

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	
03/06/2006		TANK FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	2.00	GALLONS	SOIL

**Caller Remarks:**

A HOLE IN OIL LINE AND HAS BEEN REPAIRED AND CLEANed up

**DEC Investigator Remarks:**

Sangesland spoke to Richard at Madison Oil. He said that there was a leak in the supply line from the tank to the burner, near the burner. The leak was above ground and minor. The line was replaced and the spill cleaned up.

Spill Closed

**Map Identification Number 22** **416 STUYVESANT AVE**  
 416 STUYVESANT AVE

BROOKLYN, NY

**Spill Number: 9509924**

**Close Date: 11/09/1995**  
 TT-Id: 520A-0041-683

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2452 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: MIKE SHAW  
 DEC Investigator: LUCE

Spiller: DR SPILLER  
 Notifier Name:  
 Caller Agency: WELCO FUEL OIL  
 Contact for more spill info: DR PARKER

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 596-6212  
 Contact Person Phone: (718) 493-9699

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	
11/09/1995		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

TANK ROTTED OUT - TANK HAS BEEN WRAPPED AND IS IN THE PROCESS OF BEING REPAIRED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 23** **157 DECATUR STREET**  
 157 DECATUR STREET

BROOKLYN, NY

**Spill Number: 9207785**

**Close Date: 10/06/1992**  
 TT-Id: 520A-0041-190

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2600 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name: RICH HOUSTAN  
 DEC Investigator: KSTANG

Spiller:  
 Notifier Name:  
 Caller Agency: BAERENKLAU OIL CO.  
 Contact for more spill info:

Spiller Phone:  
 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	
10/05/1992	10/06/1992	TANK FAILURE	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

LEAKY FITTINGS –SPILL ON BASEMENT FLOOR CLEANED UP AND TANK FIXED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"



**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 24**      **STUYVESANT GARDENS -NYCHA**      **Spill Number: 9804491**      **Close Date: 02/19/2003**  
 734 GATES AVENUE      NEW YORK CITY, NY      TT-Id: 520A-0046-016

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 968 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING      Spiller: FRANK OCELLO - NYC HOUSING AUTHORITY      Spiller Phone: (212) 306-3229  
 Notifier Type: Responsible Party      Notifier Name: SEBASTIAN LOREFICE      Notifier Phone: (212) 306-3229  
 Caller Name: SEBASTIAN LOREFICE      Caller Agency: NEW YORK CITY HOUSING AUT      Caller Phone: (212) 306-3229  
 DEC Investigator: JAKOLLEE      Contact for more spill info: FRANK OCELLO      Contact Person Phone: (212) 306-3229

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
07/09/1998		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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	15000	Horner EZ Check I or II	7.40	UNKNOWN

Caller Remarks:

tank test failure

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 25** **STUYVESANT GARDENS -NYCHA** **Spill Number: 9100104** **Close Date: 11/10/2005**  
 734 GATES AVENUE NEW YORK CITY, NY TT-Id: 520A-0046-014

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 968 feet to the WNW

**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: Caller Agency: TANK TEST INC Notifier Phone:  
 Caller Name: ROBERT GANDOLFO Contact for more spill info: Caller Phone: (718) 789-3770  
 DEC Investigator: SWKRASZE 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	
04/02/1991		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	SOIL

**TANK TEST INFORMATION**

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001		Unknown	0.00	UNKNOWN

Caller Remarks:

15K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE, ISOLATE & RETEST.

DEC Investigator Remarks:

11/10/05: This spill transferred from J.Kolleeny to S.Kraszewski.

This spill closed to consolidate with open spill #9801011.

**Map Identification Number 26**



**CLOSED-LACKOF RECENT INFO**

125 STUYVESANT AVENUE

BROOKLYN, NY

**Spill Number: 9305256**

**Close Date: 03/10/2003**

TT-Id: 520A-0051-416

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1626 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: 11221

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Tank Tester  
 Caller Name: MITCH LEFKOANTY  
 DEC Investigator: ADMIN. CLOSED

Spiller:  
 Notifier Name:  
 Caller Agency: TANK TESTING INC.  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 230-5664  
 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	
07/27/1993		TANK TEST FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

**TANK TEST INFORMATION**

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

**Caller Remarks:**

EXCAVATE, ISO LATE, RETEST - FIR.

CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY REQUIREMENTS.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "AQDMIN.CLOSED"  
 10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: Ttf.03/10/2003-  
 Closed Due To The Nature / Extent Of The Spill Report.

**Map Identification Number 27** **APARTMENT BLDG.** **Spill Number: 0400812** **Close Date: 04/17/2006**  
 940-950 GATES AVE BROOKLYN, NY TT-Id: 520A-0044-161

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1685 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SUSAN CAMERATA - WAVECREST MANAGEMENT Spiller Phone: (718) 463-1200 ext. 2  
 Notifier Type: Tank Tester Notifier Name: A. LOPEZ Notifier Phone: (631) 321-4670  
 Caller Name: JOHN LEDDY Caller Agency: PRO- TEST Caller Phone: (631) 321-4670  
 DEC Investigator: JXGRECO Contact for more spill info: STEVEN NORMAN Contact Person Phone: (917) 337-1757

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
04/23/2004		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

Tank Test Failure. Tank is reg. as an above ground tank in a vault and this is incorrect. Tank is underground.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEMEO"

send TTF ltr

5/28/04 TJD

closure report submitted by Protest. Low-level TAGM exceedances noted in laboratory data. Letter mailed requesting additional information: cause of TTF, any remediation performed, status of tank and remedial work plan.

8/3/05 Spill transferred to Greco as part of Spills Closure Initiative. Greco contacted Pro-Test, they will send info if available. JDG 8/3/05

Pro Test returned call and explained that the building is now owned by a governmental entity and that there are plans to remove the tank and contaminated soil at some point in the future.

The new owner is:

Gp-Uhab Housing Development Fund Corporation  
120 Wall Street  
New York NY 10025

Allen Blitz is the Uhab contact 212-479-3327 Greco called Mr. Blitz and left a message. JDG 8/5/05

11/1/05 Allen Blitz has been replaced Zully Rolan (212-479-3327). Greco faxed info to 212-344-6457 so Zully could assign the correct person.

11/1/05 Jeff Ewing (new property contact)212-479-3315 returned call. ProTest is in the field doing work now. He will have final report sent to me. JDG

11/2/05 I was contacted by John Leddy of ProTest. ProTest is currently under contract to replace UST with AST, then do soil excavation of contamination. The work will be done during December. JDG

1/04/06 Greco to retain project.

02/27/06: John Leddy of ProTest called to say that they were on-site to pull the tank today and it is apparently a major release (there were holes in the tank). They will be excavating soils tomorrow, and will attempt to excavate clean. A temporary AST has been brought in to service the apartment building at the facility. I explained that if they encounter groundwater prior to getting all the contamination, they will need to install wells. Mr. Leddy said they would likely be there the remainder of the week. JDG

3/27/06 Received report from ProTest. The report is data only, with a couple of hand sketches. Contacted Mr. Ewing (212-479-3315 or ewing@UHAB.org) and let him know that the report needs to include more detail, as well as some conclusions. Will send requirements to Mr. Ewing via email.

04/13/06: S.Kraszewski called Jeff Ewing to schedule a post-exc site inspection to assess any impacts to the basement based on visual and olfactory evidence. Jeff has contacted the Super, Eugene Flowers (347-706-7089), and has me scheduled to inspect the

basement at 1:00PM today.

Arrive on-site at 1:05PM, met with building superintendant Eugene Flowers. He directed me first to the excavation area behind the building, where the former 10K tank was. The area was approximately 20 ft wide by 30 ft long, backfilled with a clean sand/gravel mixture; no visual or olfactory evidence of contamination. I asked him about the pipes, he said they were filled and capped off. He mentioned that about 10–15 years ago, the tank was removed for repairs, including the piping which had leaks. Next, I visited the boiler room, which is only several feet below the excavation ground level and 30 feet horizontally from the excavation. No visual or olfactory contamination noticed; a very clean boiler room. It is clear that any residual soil contamination is not impacting the building. (see pictures in Edocs) – SK

4/13/06 Based on data supplied and upon observations of no noticable impacts, this site appears to be a candidate for NFA. Greco to contact Mr. Ewing to request a final report in support of closure. JDG

4/17/06 Received closure request from Pro Test (UHAB's contractor). Prepared and sent NFA letter. Letter is in E-DOCs. Spill closed. JDG 4/17/05

<b>Map Identification Number 28</b>	<b>32 RALPH AV – BKLN</b>		<b>Spill Number: 8910005</b>	<b>Close Date: 07/09/2002</b>
	32 RALPH AVENUE	BROOKLYN, NY		TT-Id: 520A-0040-967
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: PARCEL MAPPING (1)		Revised street: NO CHANGE		
Approximate distance from property: 2265 feet to the ENE		Revised zip code: NO CHANGE		
Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER		Spiller: NYCFD	Spiller Phone:	
Notifier Type: Responsible Party		Notifier Name:	Notifier Phone:	
Caller Name: JOHN		Caller Agency: PETRO CONSTRUCTION	Caller Phone: (718) 385-8800	
DEC Investigator: JMKRIMGO	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	
01/18/1990		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	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:

UNKNOWN TEST METHOD, SYSTEM DID NOT HOLD AIR PRESSURE, WILL EXCAVATE & LOCATE PROBLEM.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "KRIMGOLD"  
See Spill# 9703371.

**Map Identification Number 29**  **141 CHAUNCEY ST/HOLY ROSA** **Spill Number: 8706770** **Close Date: 11/19/1992**  
 141 CHAUNCEY ST BROOKLYN, NY TT-Id: 520A-0046-422

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2442 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: HOLY ROSARY	Spiller Phone: (718) 493-8001
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: BATTISTA	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	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
11/09/1987	11/19/1992	TANK TEST FAILURE	2-317519	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#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:

1500 GAL. TANK SYSTEM FAILED TEST (HORNER- EZY) WITH A LEAK RATE OF -.7289 G/HR. CONTACT: FR. FAHEY (718) 493-8001.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 30** **NYC PUBLIC SCHOOL PS44** **Spill Number: 0007993** **Close Date: 12/13/2005**  
 432 MONROE ST BROOKLYN, NY TT-Id: 520A-0046-733

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2521 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: FRANK CARDELLO - NYC PUBLIC SCHOOL PS44	Spiller Phone: (718) 391-6832
Notifier Type: Tank Tester	Notifier Name: JOHN LEDDY	Notifier Phone: (631) 321-4670
Caller Name: JOHN LEDDY	Caller Agency: PROTEST ENTERPRISES	Caller Phone: (631) 321-4670
DEC Investigator: AJWHITE	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
10/04/2000		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	15000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

RECOMMEND TO EXCAVATE-ISOLATE AND RE-TEST

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SAWYER"  
9/09/03 1600 Hrs Sawyer sent NYC Department Of Education an "Old Tank Test Failure" letter attention James A. Merlo. (718)349-5738

11/15/2005: Lead transferred to Joe White as part of the Spill Initiative Project.

12/08/2005: Mr. James Merlo, the coordinator for NYC School spills, called Joe White to indicate that the tank has been retested and passed. These passing results will be sent to the DEC for closure of failed tank test.

12/13/2005: Joe White received a copy of tank test of 2/7/2001 when tank passed leak test. This document is copied on eDocs files. A letter from James Merlo on 5/27/2003 verifies that there is no significant soil contamination in the vicinity of this tank (copy in eDocs). A copy of most recent tank test was received from registration Certificate 10/4/2005 (copy in eDocs). As a result of this information it appears that the tank has been pressure tested and no contamination remains at this site.



**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 31**      **SERVICE BOX 30619**      **Spill Number: 9814841**      **Close Date: 03/31/1999**  
 BROOKLYN, NY      620A MONROE ST      TT-Id: 520A-0043-831

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 131 feet to the NW\*

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL      Spiller: CON EDISON      Spiller Phone:  
 Notifier Type: Responsible Party      Notifier Name: REIDY      Notifier Phone:  
 Caller Name: BILL MURPHY      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
03/14/1999		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 ON TOP OF 50 GAL OF WATER – CONTAINED – 123618

SAMPLE TAKEN – CHRIS ENGLEHARDT CONTACTED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 DEC Inspector notes:

3/30/99: emailed ert's form e2mis.

Con ed e2mis notes:

Found 1 pt unknown oil on 50 gallons water. No sewers or waterways affected. <1.00ppm

Cleanup complete.

**Map Identification Number 32** **REISIDENT** **Spill Number: 0310353** **Close Date: 12/18/2003**  
 661 JEFFERSON AVE BROOKLYN, NY TT-Id: 520A-0044-178

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 539 feet to the SSE

**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: AZELEA MADDIX	Notifier Phone: (212) 689-1520
Caller Name: AZELEA MADDIX	Caller Agency: DEP	Caller Phone: (212) 689-1520
DEC Investigator: MXTIPPLE	Contact for more spill info: NICOLE	Contact Person Phone: (718) 443-7561

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
12/05/2003		UNKNOWN	NO	NO

**NO MATERIAL INFORMATION GIVEN FOR THIS SPILL**

**Caller Remarks:**

tag # 724984. fuel was filled at residents house, now resident is smelling oil . not known if there is a leak how much spilled and basically all of the above. the fuel is unknown also. I WAS CALLED AGAIN BY THE FUEL COMPANY AND WAS TOLD #2 FUEL OIL. BY NATALIA BOKSAN

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"

12/18/03 mt//oil company cleaned up minor spray// resident went on vacation and left house completely sealed//found odor upon return//oil company revisited, vented//nfa

**Map Identification Number 33** **183 MALCOM-X BLVD.** **Spill Number: 9314684** **Close Date: 03/15/1994**  
 183 MALCOM-X BLVD BROOKLYN, NY TT-Id: 520A-0048-089

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 642 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 183 MALCOLM X BLVD  
 Revised zip code: 11233

Source of Spill: PRIVATE DWELLING	Spiller: UNK	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: FRANK	Caller Agency: PETRO	Caller Phone: (718) 545-4500
DEC Investigator: KSTANG	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
03/15/1994	03/15/1994	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:

OIL VALVE AT THE BURNER LEAKED - SPEEDY DRY USED & CLEANED UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 34**

**INTERSECTION OF MALCOM X BVLD & PUTMAN AVE**  
 INTERSECTION OF MALCOM X BVLD & PUTMAN AVBROOKLYN, NY

**Spill Number: 0911795**

**Close Date: 02/17/2010**  
 TT-Id: 520A-0249-128

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 651 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: MALCOLM X BLVD / PUTNAM AVE  
 Revised zip code: 11221

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RWAUSTIN

Spiller: ERT - CONED  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ERT

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 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: 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
02/04/2010		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Caller reporting a spill of 1 pint of dielectric fluid to soil. Clean up in progress.

DEC Investigator Remarks:

Austin - 2/17/10 -Soil removed, analysis <1 ppm PCB, according to Con Ed - Spill contained and cleaned up by Con Ed - see eDocs for more info - spill closed - end.

**Map Identification Number 35**

**SPILL NUMBER 9812302**  
 671 MONROE ST  
 BROOKLYN, NY

**Spill Number: 9812302**

**Close Date: 09/14/1999**  
 TT-Id: 520A-0044-165

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 667 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: ANGELA CORALLO – BETTER HOMES Spiller Phone: (516) 326–6000 ext. 1  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: ANGELA CORALLO Caller Agency: BETTER HOMES Caller Phone: (516) 326–6000 ext. 1  
 DEC Investigator: O'DOWD Contact for more spill info: ANGELA CORALLO Contact Person Phone: (516) 326–6000 ext. 1

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	
01/04/1999		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	40.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER ADVISING THAT A PROPERTY HER COMPANY OWNS HAD BEEN VANDALIZED AND THE TANK HAD DAMAGE DONE TO IT. CLEAN UP HAS BEEN ARRANGED.

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:**

1/8/99 14:15 HRS LEFT MESSAGE FOR ANGELA CORALLO.  
 1/8/99 15:40 HRS SPOKE TO ANGELA. SHE SAID THERE WAS VANDALISM DONE OVER THE WEEKEND. THERE IS CONSTRUCTION GOING ON AT SITE. BROKE A PART AND HAD AN OIL SPILL. ALL TAKEN CARE OF. CALL BACK NEXT WEEK WITH SPECIFICS.  
 1/12/99 11:25 HRS LEFT MESSAGE FOR LARRY TRADEWINDS 516–755–4000.  
 1/13/99 15:35 HRS SPOKE TO DOUG/TRADEWINDS. THE BURNER WAS VANDALIZED AND TOOK OFF. THE SUCTION LINE WAS SNAPPED OFF. ABOUT 20 GAL #2 OIL SPILLED. FIRE DEPT. PUT DOWN SPEEDY DRI. TRADEWINDS CLEANED UP BOILER ROOM AND PICKED UP SPEEDY DRI AND GENERATED 4 DRUMS OF MATERIAL. ALSO OIL IMPACTED MATERIALS (ITEMS) IN BASEMENT WERE DRUMMED. ALSO 1X5 GAL JUG OF OIL/WATER MIXTURE THAT WAS ALSO DRUMMED. THERE WAS ALSO A 1X5 GAL CONTAINER OF HYDROFLUORIC ACID AND IT WAS OVERPACKED INTO A 25–GAL DRUM AND DISPOSED OF AS HAZ. WASTE. SUCTION LINE CAME UP THROUGH BOILER ROOM. TRADEWINDS DOESN'T BELIEVE THERE WAS ANY SPILL BENEATH THE CONCRETE FLOOR. USED A DEGREASER AND BRUSHED IT INTO THE FLOOR. 1X275 AST.

**Map Identification Number 36** **JEFFERSON & REID AVE**  
 JEFFERSON / REID AVE

BROOKLYN, NY

**Spill Number: 8504834**

**Close Date: 02/27/1986**  
 TT-Id: 520A-0050-109

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 832 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: JEFFERSON AVE / MALCOLM X BLVD  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: SULLIVAN  
 DEC Investigator: SJMILLER

Spiller: COLUMBIA UTILITIES HT COR  
 Notifier Name:  
 Caller Agency: NYVFD HAZMAT  
 Contact for more spill info:

Spiller Phone: ( ) 851-6655  
 Notifier Phone:  
 Caller Phone: (212) 414-6051  
 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	
02/27/1986	02/27/1986	UNKNOWN	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN MATERIAL	OTHER	2000	UNKNOWN	0	UNKNOWN	AIR

Caller Remarks:

FUEL OIL #2 - POSSIBLY SEWERS - FUEL TRUCK - TRAFFIC ACCIDENT - FD HAZMAT ON SCENE - DEC WILL RESPOND - DEP WILL RESPOND - FD HAZMAT ACTUAL AMOUNT OF SPILL 25 GAL AREA DRIED OFF SAND USED TO ABSORB OI

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MILLER"  
 mmm 10/15/97: INSUFFICIENT DATA CASE CLOSED.

**Map Identification Number 37** **MANHOLE #21454**  
 JEFFERSON AV MALCOM X BLV

BROOKLYN, NY

**Spill Number: 0502379**

**Close Date: 07/25/2005**  
 TT-Id: 520A-0044-168

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 832 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: JEFFERSON AVE / MALCOLM X BLVD  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name: DONATONE, JUILO	Notifier Phone: (212) 580-6763
Caller Name: COSTA, LARRY	Caller Agency: CON EDISON	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 – 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	
05/27/2005		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 quart of oil on 40 gallons of water in manhole. Cleanup pending removal of a car blocking access.

DEC Investigator Remarks:

e2mis no 158826

R. MICHELINO REPORTS FINDING APPROX 1 QT OF AN UNKNOWN OIL ON APPROX 40 GALS OF WATER IN SB21454. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO SEWER CONNECTIONS. NO SUMPS OR DRAINS. NO OIL FILLED EQUIP IN STRUCTURE. NO MOVEMENT IN THE WATER. TAG # 39156 PLACED IN STRUCTURE. PCB SAMPLE TAKEN. CLEANUP PENDING LAB RESULTS.

5/27/05 22:44 HRS. -- RECEIVED PCB RESULTS < 1.0 PPM, LSN 05-05057-001.

Update – 6/10/05 – 0815hrs. As per T. Fernandez this job completed on 6/7/05 – 1115 hrs by C. Lugo. There were 2 uncapped cable ends repaired by UG. Lugo double washed structure with slix and biogen 760. No sump. Removed env. stop tag # 39156. Clean up completed. Incident closed. cn#19661

Closed. 7-25-05. George Breen

**Map Identification Number 38** **PRIVATE RESIDENCE**  
 616 JEFFERSON AVE

BROOKLYN, NY

**Spill Number: 0912009**

**Close Date: 03/18/2011**  
 TT-Id: 520A-0248-311

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 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  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: HRAHMED

Spiller: RENE LEWIS - UNKNOWN  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: RENE LEWIS

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (917) 214-6670

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/14/2010		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	275.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

Caller reporting a spill of 275 gallons of #2 fuel oil to concrete floor, which was absorbed by the concrete... Caller is unsure who spiller is.

1639- Bob Castoro from Bobco Inc- 917-578-2839- Called after original caller. Bobco delivered approx 160 gallons of oil to above residence on friday- Bob states that there was additional delivery by an unknown company on 0930 am saturday the 13th. Caller reporting that neighborhood watch advised Blue/Gray delivery vehicle NY REG 28760- KA, With black male operator, Wearing a black coat and a black hat. Subject placed 2 bags of speedie dry on spill. Bob states none of his vehicles have that plate number.

**DEC Investigator Remarks:**

02/16/10-HRAHMED-Responded to the site as off hour responder on 02/14/10 at 6:00PM. Met with DEC ECO Gregory Maneeley (718 482 4885, 718 668 0276). Met with Inman Dallas (718 574 5211) who is the owner of the property at 627 Jefferson Ave, Brooklyn and Brother-In-Law of Ms. Minnie Long (718 481 8999, 917 374 3341), who is the owner of 616 Jefferson Ave (spill site). Mr Dallas arranged access to the spill site. Went to the basement, noticed strong petroleum odor in the basement. Noticed a 275 gal above ground oil tank, which was empty at that time. Noticed oil stains (wet) on the basement floor in approx 15'X35' area. Noticed oil stains on the vent line as it enters in the basement. As per Dallas, he maintains the property as Ms. Long doesn't live in the building. He said, the building had a 190 gal delivery on friday from Atlantic Oil (718 252 6000). On Saturday, Ms Jerry Black Shear, who is the owner of 629 Jefferson Ave, across the street saw a driver delivering oil at the site and then putting speedy dry on oil spilled from vent pipe. She recorded the truck's number plate 28760KA (NY State license) and noticed Chief Energy written on the truck. After getting an odor complaint from the tenant at 616 Jefferson Ave, the owner contacted her oil company

(Atlantic). Atlantic Oil sent a crew to check, and the crew found that the tank is empty, spilled all of its contents to the basement floor and he noticed some oil spill near the vent pipe which is in the 1st floor entrance area. The crew also noticed somebody put some speedy dry in that area. Then Atlantic Oil contacted Chief Energy. Chief Energy asked Rene Lewis from Alliance Mechanical to take a look at the site who called the spill hotline to report the spill.

Spoke to Harry of Chief Energy. Scheduled a site visit with chief Energy at the site on 02/15/10 at 10:00AM.

Met with Eddy (917) 559-5221 at site on 02/15/10 at 10:00AM, Operation Manager with Chief Energy. He said, as per the driver of that truck (28760KA), no oil was delivered at 616 Jefferson Ave. Driver name is Jerry Gift (718 708 0384). Ed gave me a copy of the drivers route sheet for 02/14/10. Noticed a delivery address (1331 Jefferson Ave, Brooklyn, NY) in the route sheet, which is 9 blocks away from spill site.

Bob Coal Fuel who is the subcontractor of Atlantic oil, contacted his insurance company Coverage Concept, which is also the insurance company for Chief Energy. The Insurance company is taking the responsibility for the cleanup cost. Bob Coal fuel put a temp tank (55 gal) to run the boiler and hired Ambross to do cleanup. Yesterday Ambross removed some of the stuffs from basement, which were soaked with oil. Ambross is suspecting Asbestos in the basement, therefore they are arranging a special type of fan by today for ventilation in the basement, which has a filter for Asbestos.

Coverage Concept      \*\*insurance broker for Bobco Inc.\*\*  
contact: Mary Ellen  
Ph. (631) 331-7700  
email: maryellen@coverageconcept.com)

Ronald Herrygers from Herrygers Environmental Services called. They are hired by the Insurance company to do the cleanup. Herrygers environmental sub-contracted IRS. He will send Tom from IRS to inspect the site today. Contact info for Ronald:

Ronald F. Herrygers, P.G.  
Herrygers Environmental Services, LLC  
214 Beltrees Drive, Lexington, SC 29072  
phone: (803) 951-8947  
fax: (803) 951-7389  
cell: (803) 917-7523  
email: rherrygers@windstream.net

Tom Licker  
Insurance Restoration Specialist  
Ph. (800) 634-0261 (O)  
(732) 770-3860 (C)  
email: tlicker@irs-restoration.com

As per DEC Patel as off hour primary:  
site has three story apartment building with basement. no body lives in basement. Bob Coal Fuel delivered about 160-190 gal oil to 275 gal AST, for Atlantic and Pacific Oil company, on friday. and then another oil company delivered oil again on saturday around 9:30 AM. as per Bob Castoro from Bob Coal Fuel, a lady who lives across the street (at 625 or 629 Jefferson Ave) saw a

driver delivering oil at the site and then putting speedy dry on oil spilled from vent pipe. that lady recorded vehicle plate # which is 28760KA – NY State licensed and as per ECO Maneeley, this truck belongs to Chief Energy. Chief Energy hired Alliance (Rene Lewis) to inspect property as their company was accused for misdelivery. as per Rene, who responded to site, he found that tank was burst and currently tank is empty. Rene saw few puddles of oil on basement floor and most of oil got into subsurface. Rene noticed strong petroleum odors in entire building. tenant on each floor. i spoke with Harry at Chief energy, who denying their responsibility. ECO Maneeley is also responding to the site.

Bobco Inc.  
Contact: Bob Castoro  
PH. (917) 578–2839

Chief Energy  
918 Mcdonald Avenue  
Brooklyn, NY 11218  
Attn.: Vincent Rizzuto      \*\*owner of Chief Energy\*\*  
PH. (718) 438–6676  
Fax (718) 972–0896  
email: chiefenergy@aol.com

Harry  
Chief Energy  
PH. (917) 559–5221

Inman Dallas      \*\*building owner's brother-in-law\*\*  
Ph. (718) 574–5211  
627 Jefferson Avenue  
Brooklyn, NY

Jerry Blackshear      \*\*lady who saw oil truck on saturday\*\*  
629 Jefferson Avenue  
Brooklyn, NY  
Ph. (718) 452–1768

02/17/10–Hiralkumar Patel. as DEC Hasan is out of service, DEC Austin asked to follow up on this case. received email from DEC Hasan with copy of email from Ron. as per Ron, they inspected basement on 02/16/10 and found that some contractor installed one ventilator (with a carbon filter) in the middle of basement.

9:45 AM:– spoke with Tom at IRS. he will meet at the site at 1:30 PM.

1:45 PM:– visited site. met Tom and Mr. Inman. found strong petroleum odors at sidewalk due to exhaust of one ventilation system running in boiler room in basement. asked Tom to raise this exhaust above roof level to prevent any odors complaints from neighbours. strong petroleum odors in basement. found entire basement floor impacted and partial floor was covered with plastic. tank was fall down on side. could not see point of leak in tank. one ventilation was installed in boiler room by V.E.SCIENCE, contractor hired by Bob Coal's insurance company. exhaust for this vetilation was running through coat chut to front yard near

fill/vent pipe location (which was causing odor problem on sidewalk). tank was installed next to foundation wall between properties at 616 and 618 Jefferson ave. and this foundation wall was made of stones. found about 3–4 inch high stain on almost entire length of foundation wall. second room in basement was also impacted. another coal chute found towards back of building in second room. asked Tom to install second ventilation system in back room and do PID survey in entire building. asked Tom to extend exhaust of both ventilation systems above roof level. no sign of impact found along foundation wall between properties at 616 and 614 Jefferson ave. left business cards in mail boxes of 614 Jefferson ave and 618 Jefferson ave and asked to contact the department to schedule a site visit to inspect their basements for possible impacts.

2:07 PM:– received email from Larry Vetter from V.E. Science who installed first ventilation system in boiler room.

Larry Vetter  
V.E.SCIENCE  
Ph. (631) 406–3155  
email: lvetter@vescience.com

2:50 PM:– received message from resident (347–296–6672) from 614 Jefferson Avenue.

02/18/10–Hiralkumar Patel. received email from Ron (at 8:39 PM on 02/17/10). IRS installed second ventilator in basement.

12:58 PM:– spoke with Ms. Long and requested first floor's tenant's contact info. Ms. Long refused to give this information and asked to contact Sam at Atlantic. Ms. Long mentioned that she is receiving so many calls in this matter and doesn't want to give information. if she gets ok from Atlantic, then she will give tenant's information.

1:03 PM:– spoke with Bob at Bob Coal. asked him to contact Sam at Atlantic to get first floor tenant's contact info.

Sam Ainbinder  
Atlantic and Pacific  
PH. (718) 252–6000  
(917) 567–1973  
email: apoil@optonline.net

2:04 PM:– received tenant's contact info from Bob.

Marcus Anderson      \*\*first floor tenant\*\*  
Ph. (917) 749–3144

Rosenberg              \*\*second floor tenant\*\*  
PH. (718) 266–1256 (not sure)

Deeta Grinage          \*\*third floor tenant\*\*  
Ph. (917) 723–7264

2:05 PM:– left message for Mr. Anderson, first floor tenant.

2:11 PM:– spoke with Ms. Grinage. she complained about some odors in her apartment on third floor but feels ok and doesn't need any relocation help right now. asked Mr. Grinage to contact the department for any relocation help.

2:19 PM:– left message at number provided for second floor tenant.

2:22 PM:– received call from Mr. Anderson. he mentioned that he never open door for driver who came to deliver on saturday, but he saw driver from window. Mr. Anderson did not see driver's face and doesn't know oil company's name. Mr. Anderson opened door for Mr. Inman when he came with someone from oil company to inspect basement after incident. he is living with his pet only and currently he is with his friend. Mr. Anderson mentioned that he may need relocation help tomorrow.

2:31 PM:– spoke with ECO Maneeley and informed him about first floor tenant's situation.

02/19/10–Hiralkumar Patel.

12:46 PM:– left message for resident at 614 Jefferson ave.

DEC Urda received statement from Ms. Blackshear.

DEC Urda spoke with Ms. Ellen at Coverage Concept and informer her about Chief energy's responsibility based on eye witness's statement. Ms. Ellen will inform Chief Energy's insurance company.

spoke with Mr. Rizzuto, owner of Chief Energy who refused responsibility. asked Mr. Rizzuto to submit copy of all delivery tickets for the truck # 5 for the day of 02/13/10.

received call from Mr. Rebuck from Gallagher Bassett Services, Inc., Chief Energy's insurance company. Mr. Rebuck requested copy of Ms. Blackshear's statement.

Michael J. Rebuck

Gallagher Bassett Services, Inc.

4 Flowers Drive

Mechanicsburg, PA 17050

Ph. (866) 469-0734 Ext. 284

(630) 306-2979 (C)

Fax (866) 743-0888

email: Michael\_Rebuck@gbtpa.com

claim # 003465-72AD01

with DEC Urda's approval, sent copy of Ms. Blackshear's statement to Mr. Rebuck.

received call from Kevin from H2M. H2M is being hired by Gallagher and will go to the site with Milro to start cleanup.

spoke with Mr. Rebuck about possible relocation of first floor tenant. Mr. Rebuck mentioned that tenant has to pay from his pocket and will be reimbursed later.

received fax from Mr. Rizzuto with copy of delivery tickets. most of the tickets dated 02/12/10.

spoke with Mr. Rizzuto about delivery tickets date. Mr. Rizzuto mentioned that the submitted delivery tickets are for 02/13/10 and it has wrong date on it.

me and DEC Austin discussed relocation issue with Mr. Anderson and informed him about insurance company's policy. DEC Austin asked to visit site to inspect building for petroleum odors as there are two ventilators running in basement.

02/22/10–Hiralkumar Patel. visited site (at 6:30 PM on 02/19/10). met Kevin from H2M and Augustine from Milro. milro crew started removing bags those were previously filled with contaminated debris. minor odors noticed in front of building. checked Mr. Anderson's apartment. no odors noticed. Mr. Anderson complained about odors and refused to accept help of setting up ventilation system in his apartment and he left apartment. during this time, property owner Ms. Long called Mr. Dallas and asked to stop cleanup immediately. Milro stopped working and put all bags of contaminated debris back in basement.

with DEC Austin's approval, did PID survey in entire building and found following results:

- in lobby, in front of Mr. Anderson's apartment entrance: 0.3 ppm
- boiler room (basement): 4.3 ppm
- second room in basement: 12.0 ppm
- 2nd floor lobby: 1.7 ppm
- 3rd floor lobby: 1.0 ppm

spoke with Roger Rosenberg, 2nd floor tenant and Ms. Grinage, 3rd floor tenant. both confirmed no odor issues in their apartments. Mr. Rosenberg doesn't have any contact number.

discussed with DEC Austin about PID readings.

9:40 AM:- spoke with Sam at Atlantic. Sam mentioned Ms. Long only trust him and everyone one in reference to spill cleanup must contact him and he will forward info to Ms. Long. Sam asked for contractor's contact info.

\*\*call Mr. Rizzuto for following information on delivery tickets:

- delivery ticket for 382 jefferson street is too small and can't read.
- delivery ticket for 353 Kingston ave missing total number of gal dropped.
- also delivery ticket for 353 kingston is different than other tickets.
- need darker/clear copy of tickets to read meter reading sequence at bottom.\*\*

6/11/10-HRAHMED-Spoke to Paul Basso from Milro and Kevin Taylor from H2M. They said clean-up has been completed and they will send a closure report.

8/4/10-HRAHMED-Called Paul Basso of Milro and Kevin Taylor of H2M and left a message requesting closure report.

8/24/11-HRAHMED-Received closure report from Kevin Taylor from H2M. As per the report, H2M

**Map Identification Number 39**



**VACANT LOT**

174 STUYVESANT AVE

BROOKLYN, NY

**Spill Number: 9904030**

**Close Date: 03/03/2003**

TT-Id: 520A-0043-830

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 876 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN – UNKNOWN Spiller Phone:  
 Notifier Type: Local Agency Notifier Name: MRS HAWKINS Notifier Phone: (212) 620-6073  
 Caller Name: GWEN HAWKINS Caller Agency: DEP Caller Phone: (718) 595-6777  
 DEC Investigator: TOMASELLO Contact for more spill info: UNK 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	
07/07/1999		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:

CITIZEN CALLED DEP TO STATE ABANDONED OIL TRUCK IS IN REAR LOT OF VACANT PROPERTY. THEY WILL INVESTIGATE FURTHER

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 40** **STUYVESANT GARDENS –NYCHA** **Spill Number: 9801011** **Close Date: 12/01/2005**  
 734 GATES AVENUE NEW YORK CITY, NY TT-Id: 520A-0046-015

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 968 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: FRANK OCELLO – NYC HOUSING AUTHORITY Spiller Phone: (212) 306-3229  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: MICHAEL SUSCA Caller Agency: T R C ENVIRONMENTAL Caller Phone: (860) 298-6234  
 DEC Investigator: SWKRASZE Contact for more spill info: FRANK OCELLO Contact Person Phone: (212) 306-3229

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	
04/21/1998		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 REPORTING A POSSIBLE RELEASE FROM UST.

DEC Investigator Remarks:

11/10/05: This spill transferred from J.Kolleeny to S.Kraszewski.

Reviewed ISRP dated May 2005 prepared by Gannett Fleming. GF installed five bore holes and four GWMW during Sept. 2003. No PAHs or VOCs were detected above RSCO limits. Two bore holes had elevated SVOC concentrations above RSCO guidelines, but due to the depth of GW (52' – 56') and lack of nearby public receptors the likelihood of the contaminants spreading is minimal. No product observed or detected in MW or GW samplings. Recommend closure.

12/01/05: Reviewed ISRP with Jon, decision is made to close spill. NFA letter sent to Brian Clarke, NYCHA.

Map Identification Number 41



VACANT LOT

640 LEXINGTON AVE

BROOKLYN, NY

Spill Number: 9713919

Close Date: 04/07/2003

TT-Id: 520A-0044-163

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 997 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Citizen  
 Caller Name: CHERYL FOY  
 DEC Investigator: MMMULQUE

Spiller: UNKNOWN – UNKNOWN  
 Notifier Name: CHERYL FOY  
 Caller Agency: CITIZEN  
 Contact for more spill info: CHERYL FOY

Spiller Phone:  
 Notifier Phone: (718) 574-5006  
 Caller Phone: (718) 574-5006  
 Contact Person Phone: (718) 574-5006

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	
03/16/1998		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:

CALLER STATES DRUMS OF OIL ARE BEING STORED ON VACANT LOT-DRUMS ARE LEAKING CAUSING STAIN ON SIDE WALK AND STRONG FUMES IN AIR.  
SEE SPILL #0010024

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN"

Map Identification Number 42



**SERVICE BOX 28841**  
713A - 715 MADISON ST

BROOKLYN, NY

**Spill Number: 9914774**

**Close Date: 03/27/2002**  
TT-Id: 520A-0044-167

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
Approximate distance from property: 1028 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: 11221

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Responsible Party  
Caller Name: STEVE ROMERO  
DEC Investigator: JHOCONNE

Spiller: CALLER - CON EDISON  
Notifier Name: REEDY  
Caller Agency: CON EDISON  
Contact for more spill info:

Spiller Phone: (212) 580-6763  
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	
03/30/2000		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:

2 QTS ON 10GAL OF WATER – CONTAINED – CASE #130630

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 43** **MANHOLE M3317** **Spill Number: 0613000** **Close Date: 11/27/2007**  
 HANCOCK STREET & MALCOLM X BLVD BROOKLYN, NY TT-Id: 520A-0038-216

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1048 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: HANCOCK STREET / MALCOLM X BLVD  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL 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: 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	
03/01/2007		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 100 GALLONS OF WATER. NO TO THE FIVE QUESTIONS. REF#204748. SPILL CONTAINED TO MANHOLE. COMING OFF 72 CLOCK.

DEC Investigator Remarks:

11/27/07 – See eDocs for Con Ed report detailing cleanup and closure.

204748. see eDocs

**Map Identification Number 44**      **ROADWAY**      **Spill Number: 1009732**      **Close Date: 12/13/2010**  
      LEWIS AND PUTNAM AVE      BROOKLYN, NY      TT-Id: 520A-0259-573

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1148 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: LEWIS AVE / PUTNAM AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: RMPIPER	Contact for more spill info: LAZZARI	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
12/12/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

1/8 mile long sheen on road surface/clean up crew en route with sander

DEC Investigator Remarks:

FDNY Hazmat on scene. No RP. Road will be lightly sanded by sanitation. Closed.

**Map Identification Number 45** **TM 960** **Spill Number: 0500920** **Close Date: 07/05/2005**  
 PUTNAM AVE/LEWIS AVE. BROOKLYN, NY TT-Id: 520A-0039-243

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1148 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Other	Notifier Name: MR. HOGAN	Notifier Phone: ( ) -
Caller Name: PETE MCGUIRE	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 - 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	
04/22/2005		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:

Crew is responding to cleanup.  
 Transformer is in the manhole - unknown if it's involved.

Ref. 158219

DEC Investigator Remarks:

e2mis no 158219

FOD DEPT. SR. FIELD OPER. T. BULLEN EMP# 17094 REPORTS: FOUND WHILE ON LOCATION SHOOTING FAULT ON FEEDER 5B31, APPROX. 50 GALS OF UNKNOWN OIL IN A DRY CONCRETE FLOOR. NO WATER. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. THE SPILL APPEARS TO BE CONTAINED. OWNER OF SUBSTANCES IS UNKNOWN. NO KNOWN SUBSTANTIAL CRACKS IN STRUCTURE. ENVIR. TAG# 31500 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL.

4/22/05 01:15 HRS. -- TRANSFORMER INFORMATION FROM E.C.C. WAREHOUSE  
Serial ID: H318269, MFG Code: GE, KVA: 500, Install Date: 01/01/1971, Mfr. Date: 05/01/1971  
HISTORICAL PCB RESULTS: Sample Date: 10/23/1997, PPM: 12, LAB SEQ # 97-12661.

LAB RESULT RECEIVED 4/22/05 - 0557. 15 PPM. TJ - 50495

UPDATE: 4/22/05 - 0630. AS PER K. SUDOL - SHIFT MANAGER, THIS TRANSFORMER IS THE FAULT ON THIS FDR (5B31) AND HAS BEEN CONDEMNED. TJ - 50495

UPDATE: 4/22/05 - 1400. E. WILLIAMS - O.S. - ENV. OPS., REPORTS 3 DRUMS OF SOLID WASTE REMOVED FROM STRUCTURE AND 1 TRIPPED BACK TO 3RD AVE YD. STRUCTURE DOUBLE WASHED WITH BIO GEN 760. NO SUMPS OR DRAINS IN STRUCTURE. DRAIN VALVE EXPOSED. BQE & TANKER ON LOCATION TO DRAIN UNIT. TJ - 50495

4/22/05 18:55 HRS. -- CRAIG MURDAUGH #18627 OF BROOKLYN/QUEENS EQUIPMENT GROUP REPORTS HE RELIEVED A.M. CREW TO DRAIN UNIT. TANKER REMOVED APPROX. 5 GAL. OF OIL FROM TRANSFORMER. PLATE OF TRANSFORMER STATES OIL CAPACITY IS 255 GAL. SINCE ORIGINAL SPILL REPORT WAS 50 GAL., THIS LEAVES APPROX. 200 GAL OF OIL UNACCOUNTED FOR. INCIDENT UPDATED AND C.I.G. WILL BE NOTIFIED.

4/22/05 19:06 HRS. -- NOTIFIED L. COSTA OF C.I.G. -- W.W. #17344 --

UPDATE: 16-MAY-2005 1710HRS TUDY ENVIROMENTAL OPS REPORTS DOUBLE WASHED STRUCTURE WITH BIO GEN 760. REMOVED ALL LIQUID AND DEBRIS. NO SUMP IN STRUCTURE. REMOVED ENVIROMENTAL STOP TAG # 31500. JOB COMPLETE 100%. JR78448

UPDATE MAY 17 0230 HRS PER FDR REP E. LAPP UNIT WAS REMOVED ON 5/16 E.VESCE.

Closed. 7-5-05. George Breen

**Map Identification Number 46**



**RESIDENCE**

260 LEWIS AVE

BROOKLYN, NY

**Spill Number: 9810787**

**Close Date: 02/15/2012**

TT-Id: 520A-0051-413

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 1170 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
Notifier Type: Affected Persons  
Caller Name: ANGEL MAHAICA  
DEC Investigator: hrpatel

Spiller: UNK  
Notifier Name: ANGEL MAHAICA  
Caller Agency: CITIZEN  
Contact for more spill info: WAVENEY LUKE

Spiller Phone:  
Notifier Phone: (718) 443-2736  
Caller Phone: (718) 443-2736  
Contact Person Phone: (718) 629-9471

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	
11/25/1998		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 THAT WHEN OIL IS DELEIVERED FOR NEIGHBOR THE AMT IS ALWAYS MORE THAN THE TANK CAN HOLD CONSEQUENTLY SPILLING EXCESS ONTO BASEMENT FLOOR–RESIDENCE IS A 3 FAMILY HOME–STRONG ODORS ARE MAKING TENANTS SICK–

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN"  
 06/12/06: This spill is transferred from Mike Mulqueen to Koon Tang.  
 10/8/10 – Austin – Reassigned from Tang to Spills staff – end  
 02/15/12–Hiralkumar Patel.  
 1:32 PM;– visited site. its four story building with basement. after talking to store owner on ground floor, inspected basement. site has two 275 gal ASTs on legs. no sign of any spill noticed. no odors detected in basement.  
 due to nature of the spill and based on site observations, case closed.

**Map Identification Number 47**  **PVT DWELLING**  
 874 GREEN AVE

BROOKLYN, NY

**Spill Number: 1010926**

**Close Date: 02/02/2011**  
 TT-Id: 520A-0259-470

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1196 feet to the NNW

ADDRESS CHANGE INFORMATION  
 Revised street: 874 GREENE AVE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: NATASHA DUNN Spiller Phone:  
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: smsanges Contact for more spill info: NATASHA DUNN 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 – No DEC Field Response – Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/26/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
MERCURY	HAZARDOUS MATERIAL	0	POUNDS	0	POUNDS	

Caller Remarks:

please call home owner

DEC Investigator Remarks:

Caller was directed to EPA website. She said the mercury was cleaned up several days ago. Sangesland told her to "air out" the house and check again for any mercury spots on the floor.

**Map Identification Number 48** **SERVICE BOX 11749**  
 906 GREENE AVE

BROOKLYN, NY

**Spill Number: 0304209**

**Close Date: 08/27/2003**  
 TT-Id: 520A-0043-832

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1204 feet to the N

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: KEVIN MCARDLE Notifier Phone: (212) 580-6763  
 Caller Name: KEVIN MCARDLE Caller Agency: CON EDISON 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		
07/21/2003		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 # 149393 MATERIAL LOCATED ON THE FLOOR OF MAN HOLE NO SMOKE FIRE SEWER OR WATERWAY INVOLVED CLEAN UP IS UNDERWAY AT THIS TIME MAN HOLE HAS A DIRT FLOOR NO TO ALL 5 QUESTIONS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL" e2mis no. 149-393:

7/21/03 1209hrs found 1 gallons unknown oil in SB11749. No fire/smoke involved. No sewers or waterways affected.

UPDATE @ 1907HRS 7/21 LAB RESULTS RECEIVED SEQ #03-05996-001 @ <1PPM PCB.

7-22-03 01:44HRS JOB WILL BE TAKEN OFF THEHR CLOCK DUE TO DIRT FLOOR (NO CEMENT FLOOR IN STRUCTURE).

UPDATE\*\*\*\*\* 7-22-03 02:20HRS K. HUFFORD (ENV OPS) REPORTS, DOUBLE WASHED STRUCTURE WITH BIO GEN 760 NO

SUMP AND NO FLOOR. TAG 05755 WAS REMOVED. JOB IS 100% AS PER J. DEANCHUCK (ENV OPS) S.PACE 49874.

Map Identification Number 49



LEON GHYLL  
483 HALSEY ST

BROOKLYN, NY

Spill Number: 0109107

Close Date: 03/16/2004  
TT-Id: 520A-0046-414

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 1238 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name: TASHA GERENA  
 DEC Investigator: CESAWYER

Spiller: UNK  
 Notifier Name: TASHA GERENA  
 Caller Agency: DEP  
 Contact for more spill info: RES

Spiller Phone:  
 Notifier Phone: (718) 595-6777  
 Caller Phone: (718) 595-6777  
 Contact Person Phone: (718) 452-5967

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
12/12/2001		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
UNKNOWN PETROLEUM	UNKNOWN	0	GALLONS	0	GALLONS	

Caller Remarks:

oil and odor was discovered in residents basement. there is oil seeping up through the basement of the house

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SAWYER"  
 12/13/01–Spill transferred from Krimgold to Vought.

1/5/04–Vought–Spill trnasferred from Vought to Austin.

01/27/04 – Sawyer – Spill transferred from Austin to Sawyer.

3/16/04 – Sawyer called the owner Delvin Ponds and asked him the condition of his basement. He indicated he was pleased with the clean up job Environmental Services Inc. had performed for him. Based on this information and the results of the end–point samples provided in the ESI closure report, no further action is required for this site. Closed.

**Map Identification Number 50** **PRIVATE RESIDENCE**  
 310 LEWIS AVE

BROOKLYN, NY

**Spill Number: 1214960**

**Close Date: 01/29/2013**  
 TT-Id: 520A-0281-137

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1271 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RMPIPER

Spiller: BOB CASTORO – PROPERTY OWNER  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: BOB CASTORO

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: 9175782839

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
01/25/2013		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

Oil delivery on 1/24/13. Fuel company reports homeowner just contacted the oil company about a leak under the tank. Unknown further at this time. Fuel company is enroute to the location.

DEC Investigator Remarks:

1/25/13 Sangesland spoke to Bob at Dyno Fuel. He said they made a delivery yesterday. Homeowner just called today to say there is oil coming out of the bottom of the tank. Bob sent a tech to the house with a magnetic patch and will look into repairs/drain/temp tank etc. Ryan Piper going on off hours will call back at 5:30PM

DEC Piper spoke with Bob. Tey only have 100 gal in tank and have patched it. Once they burn off the fuel a new tank will be installed. small spill cleaned. Closed.

**Map Identification Number 51**



**SERVICE BOX 20325**  
IFO 589-591 HALSEY ST

BROOKLYN, NY

**Spill Number: 0003234**

**Close Date: 09/26/2001**  
TT-Id: 520A-0044-170

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 1330 feet to the SE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: 11233

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: MIKE CESARE  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
Notifier Name:  
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	
06/15/2000		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	SEWER

**Caller Remarks:**

1 gallon on 10 gallons water. con ed. 131857.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Con Ed e2mis Notes:

6/15/00 Found 1gal unknown oil on 10gal water in service box. Sample returned <1ppm PCB. Cleanup completed by double washing with slix. Wastes removed by tanker and vactor. No leaking equipment. No sump.

**Map Identification Number 52** **MANHOLE #2245**  
 MONROE ST/PATCHEN ST

BROOKLYN, NY

**Spill Number: 9808711**

**Close Date: 10/25/2002**  
 TT-Id: 520A-0042-938

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1379 feet to the ENE

**ADDRESS CHANGE INFORMATION**

Revised street: MONROE ST / PATCHEN AV  
 Revised zip code: 11221

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: FRANK MASSERIA  
 DEC Investigator: JHOCONNE

Spiller: CON ED  
 Notifier Name: MR DONATONE  
 Caller Agency: CON EDISON  
 Contact for more spill info: ABOVE 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	
10/13/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

cable leaking in electrical manhole - spill contained and cleanup after test results - con ed #120498

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis #120498:

13-OCT-1998 17:10 M.DAVIS #03732 FLUSH REPORTS WHILE DOING ROUTINE CLEANUP FOR FEEDER # 5B27 ( CABLE GANG REQUEST) HE FOUND

APPROX 1 PT OIL LEAKING FROM CUT 3C CABLE END ON TO WALL & FLOOR ( ENDS NOT PROTECTED) MAN HOLE IS A DRY HOLE. NO WATER. THE HOLE IS CONTAINED NO SUMP PUMP. NO SEWERS OR WATERWAYS AFFECTED HE WILL TAKE A WIPE SAMPLE ( NOT ENOUGH DRIP TO TAKE A LIQUID SAMPLE HE WILL REQUEST A 4-6 HR TURNAROUND HE INSTALLED STOP TAG # 11170 FLUSH FOREMAN DECANCHUK ON WAY TO LOCATION TO CHECK JOB C.I.G. MASSERIA NOTIFIED 18:21.

UPDATE 10/14/98 0640HRS CHEM LAB RESULTS 98-11006 <1 PPM

UPDATE 10/15/98 K.QUEST 55475 REPORTED MH2245 OIL CLEAN CLEAN UP COMPLETED AND E.S.TAG REMOVED#11170. U/G SEALED THE CABLE END

INCIDENT IS CLOSED.

UPDATE – 5/20/02 – @ 1240 HRS. -- C.FERNANDEZ HAD FLUSH CREW CHECK THIS STRUCTURE 5/16/02 AND THEY DID NOT FIND ANY CABLE LEAKING IN THE STRUCTURE.

**Map Identification Number 53**  **SPILL NUMBER 9807780** **Spill Number: 9807780** **Close Date: 11/05/2003**  
 MONROE ST/ PATCHEN AVE BROOKLYN, NY TT-Id: 520A-0039-516

MAP LOCATION INFORMATION  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1379 feet to the ENE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: MAJOR OIL FACILITY (>400,000 GAL)	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: DELCROCCE	Notifier Phone:
Caller Name: JOE DEVOTI	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: JOE DEVOTI	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	
09/25/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	5.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

spill found in manhole 2244 approx 5 gallons on approx 100 gal of water

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT" E2MIS 120043

S.RADCLIFF# 331912 O.S CABLE REPORTS FINDING APPROX 5 GALLONS OF AN UNKNOWN OIL ON 100 GALLONS OF WATER IN MH2244.

CONTAINED TO STRUCTURE, NO SEWERS OR WATERWAYS AFFECTED, SAMPLE TAKEN & STOP TAG #11252 PLACED. #12255 VDC.

UPDATE..... 9/26/98 STEVE ZALLOUGHI REPORTS..... CENTRAL ERT REQUESTED WE CONTACT N.Y.S. DEC'S ALEXANDER ZHITOMIRSKY OF THE SPILLS MANAGEMENT DIVISION, HE CALLED THE DEC AND THE DEC REQUESTED WE MEET HIM AT THE LOCATION WHERE THE SPILL WAS REPORTED, THAT THE DEC WANTED TO INSPECT THE STRUCTURE. AT 16:45 THEY MET # 9 PERSONNEL AT THE LOCATION , THEY PULLED THE COVER AND DETERMINED THAT THE SAME CONDITION EXISTED AS WAS REPORTED. MR. ZHITOMIRSKY ASKED MR. ZALLOUGHI TO ADVISE THEM ASAP IF THE PCB COUNT WAS > 50 PPM PCBs. ALSO TO ADVISE DEC REGIONAL DIRECTOR M.E. KRIS OF WASTE MANIFEST, COPY OF E2MIS INCIDENT AND TEST RESULTS. MS. JONES OF CHEM LAB ADVISED MR. ZALLOUGHI THAT LAB RECEIVED THE SAMPLE AT 15:40 AND TEST FOR PCBs WAS COMPLETED AT 21:44. THE RESULTS WERE 2PPM PCBs. A SECOND ID TEST WOULD BE ADDRESSED ON THE NEXT SHIFT.... ED VESCE 56604.

UPDATE...09/26/98..16:26 HRS... ID TEST RECEIVED..TEST WAS APPROVED BY TECHNICAN HEDEMAN, THE RESULTS WERE: MONROE OPP#779 MANHOLE 2244 OIL ID ANALYSIS.. ANALYSIS INDICATES THE PRESENCE OF AN OILY SUBSTANCE SIMILAR TO A MIXTURE OF DIELECTRIC FLUIDS..ED VESCE 56604

UPDATE 26-SEP-1998 CHEM LAB RESULTS RECEIVED SEQUENCE # 98-10027 RESULTS 2PPM ANALIST: LOCHAN \*\*\*\* CAPPADONA \*\*\*

UPDATE 27-SEP-1998 00:10. TANKER ORDERED BY G.JACOBI O.S. NO UNDER 50 TANKERS AVAILBLE WILL SEND OVER 50 TANKER. EPA NUMBER ORDERED BY CAPPADONA \*\*\* EPA # 004017364 RECEIVED. CREW DISPATCHED BY O.S G. JACOBI TO PERFORM CLEANUP \*\*\*\*\* CAPPADONA

UPDATE 27-SEP-1998 03:40 M.GREEN #77829 FLUSH REPORTS CLEANUP IS COMPLETE STOP TAG #11252 WAS REMOVED \*\*\*\*\* CAPPADONA INCIDENT IS CLOSED. TJ - 50495

**Map Identification Number 54****SERVICE BOX 20307**

453 HALSEY ST

BROOKLYN, NY

**Spill Number: 0012025****Close Date: 07/11/2001**

TT-Id: 520A-0046-413

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1398 feet to the SSW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: CHARLIE MCCARTHY	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) 580-6763

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	
02/08/2001		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:

ON 100 GALS WATER – 2 QT TOTAL QUANTITY SAMPLES TAKEN AND CLEANUP  
 PENDING RESULTS – CON ED # 135430

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
 DEC INSPECTOR'S NOTES

CON ED E2MIS REPORT

2qts. unknown oil on 100gals. of water in structure. Spill is contained to structure. Also found, smoking secondary rubber crab which has not affected the oi/water in the structure. Also no PILC cable involved. Two samples taken, 1 marked for PCB the other for oil ID and marked priority. Env. tag placed, no sewers or waterways affected.

Update 2-08-01 21:05hrs.

Analysis indicates the sample is similar to a light fuel oil.

2-12-01 16:40hrs.

Double washed structure, removed tag, no sump found. Cleanup completed.

2-15-01 0920hrs.

Cleanup completed by double washing structure with slix. Liquids were removed by tanker and solids by vactor. no leaking xompany equipment, incident closed.

**Map Identification Number 55**  **451 HALSEY STREET** **Spill Number: 0708170** **Close Date: 01/09/2008**  
 451 HALSEY STREET BROOKLYN, NY TT-Id: 520A-0210-486

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1409 feet to the SSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: JAMES ROVE Spiller Phone: (718) 574-4044  
 Notifier Type: Local Agency Notifier Name:  
 Caller Name: Caller Agency: Notifier Phone:  
 DEC Investigator: jbvought Contact for more spill info: JAMES ROVE Caller Phone:  
 Contact Person Phone: (718) 574-4044

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
10/26/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	AIR

**Caller Remarks:**

NIEGHBOR HAS AN OIL SPILL IN HIS BASEMENT AND ABOVE PERSON CAN SMELL IT:

**DEC Investigator Remarks:**

10/26/07-Vought-Off hours responder. Vought never received page from hotline but as per hotline Vought was paged twice. Vought performed site visit and spoke to James Rove as as per Rove, oil was delivered next door (453 Halsey) yesterday and since delivery oil vapors were prominent at his residence (451 Halsey). As per Rove he contacted FDNY and NYPD who were onsite this morning and left site. FDNY applied sand. During inspection Vought found 275-gallon #2 fuel oil AST in basement with fresh petroleum staining around gauge and down sides of tank. Fuel oil ran over concrete floor and into dry sump in basement. Source building is four story residential brownstone. Heavy odors in basement apartment (resident is Alicia 646-523-0234). As per Alicia owner is Ellen (917-544-3542) and super is Eddie (718-789-9270). As per Alicia children also live upstairs in building. Vought

also spoke to resident on third floor (Yohani 347-750-6226) and she also complained of vapors. Vought left message with Ellen to return call to DEC immediately or PIN contractor would be hired due to vapor impact to building compounded by day being Friday to prevent spill from not being cleaned up over weekend. Vought called Eddie and left message to return call immediately.

DEC requires: 1) Removal of impacted sand 2) digging of sump and washing of floor.

10/30/07-Vought-Received call from Renee Lewis and his company (Alliance) confirmed that impacted soil was removed including from impacted drywell totalling 75 bags and one endpoint sample was required as per DEC Vought. Impacted floor was also washed by Lewis and he will submit soil analyticals for case closure.

12/7/07-Vought-Received call from Renee Lewis and he faxed info to DEC Piper.

01/09/08-Vought-Reviewed fax submitted after call from Lewis and fax included scope of work including removal of 45 bags of contaminated soil, discovered vent line had been broken and cemented over, replaced vent line from tank top to building, washed area with degreaser and odor kill to eliminate odors and collected and analyzed one endpoint sample. Sample analyticals also submitted that show no TAGM 4046 Soil Cleanup Objective exceedences. Report requests closure. Spill closed by Vought due to clean endpoints and washing of floor.

**Map Identification Number 56**



**SERVICE BOX 31332**

129 PATCHEN AVE

BROOKLYN, NY

**Spill Number: 0208654**

**Close Date: 02/20/2003**

TT-Id: 520A-0048-086

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 1432 feet to the E

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Responsible Party  
Caller Name: SEAN MCKEEVER  
DEC Investigator: KMFOLEY

Spiller: UNKNOWN  
Notifier Name: STEVE PACE  
Caller Agency: CON EDISON  
Contact for more spill info: SEAN MCKEEVER

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
11/20/2002		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:

SPILL IN A SERVICE BOX LAB RESULTS CAME BACK LESS THEN 1PPM SPILL COULD NOT HAVE BEEN CLEANED UP DUE TO A CAR PARKED OVER THE TOP OF IT CON EDISON REF #146084

-----  
DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
Con Ed e2mis #146084:

20-NOV-2002 0930HRS PETRIE #49755 PROPERTY PROTECTION DEPT REPORTS FOUND 1 GALLON UNKNOWN OIL ON 6 GALLONS WATER IN SB-

31332. NO FIRE OR SMOKE . NO PRIVATE PROPERTY AFFECTED . NO INJURIES. IT APPEARS TO BE CONTAINED TO STRUCTURE. NO SEWERS OR

WATERWAYS APPEAR TO BE AFFECTED. NO VISUAL WATER MOVEMENT. NO CRACKS IN STRUCTURE WALLS. TOOK SAMPLE ON A 4 TO 6 HOUR E PRIORITY TURNAROUND. PLACED ENVIROMENTAL STOP TAG # 05318 IN STRUCTURE. CLEAN UP PENDING RESULTS.

UPDATE: 20-NOV-2002 1850HRS LAB RESULTS RETURNED. LSN# 02-10845-001 <1.0PPM

11/21/02 13:30 HRS. -- USED COAGULANT TO SOLIDIFY OIL THEN REMOVED SOLIDS WITH VACTOR. DOUBLE WASHED STRUCTURE. NO SUMP OR DRAIN. REMOVED ENV STOP TAG. CLEANUP 100% COMPLETE.

**Map Identification Number 57****MANHOLE #5809**

GATES AV &amp; PATCHEN AV

BROOKLYN, NY

**Spill Number: 0209538****Close Date: 08/18/2009**

TT-Id: 520A-0039-048

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1441 feet to the ENE

## ADDRESS CHANGE INFORMATION

Revised street: GATES AV / PATCHEN AV

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: KEVIN MCARDLE  
DEC Investigator: JMKRIMGO

Spiller: UNKNOWN - UNKNOWN  
Notifier Name: MR DONATONE  
Caller Agency: CON ED  
Contact for more spill info: CALLER

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	
12/16/2002		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 PT OF UNKNOWN OIL ON 300 GLS OF WATER. CLEAN UP PENDING REMOVAL OF VEHICLE OVER STRUCTURE. CON ED # 146382.

DEC Investigator Remarks:

08/18/09 – See eDocs for Con Ed report detailing cleanup and closure.

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"

**Map Identification Number 58**



**VAULT # VS5809**  
GATES AVE / PATCHEN AVE

BROOKLYN, NY

**Spill Number: 0207780**

**Close Date: 02/10/2003**  
TT-Id: 520A-0039-039

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 1441 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Responsible Party  
Caller Name: TOM MARCINEK  
DEC Investigator: AERODRIG

Spiller: CON EDISON  
Notifier Name: MR WAYNEWRIGHT  
Caller Agency: CON EDISON  
Contact for more spill info: TOM MARCINEK

Spiller Phone: (212) 580-6763  
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	
10/27/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

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Caller Remarks:

LEAKING FROM A TRANSFORMER IN THE VAULT – CON ED # 145773 –SPILL IS CONTAINED AND CLEAN UP PENDING NETWORKS CREWS TO DRAIN THE OIL FROM THE TRANSFORMER

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
e2mis notes 145773

10/27/02=1110HRS WILLIAMS #11235 FOD REPORTS WHILE WORKING ON OPEN AUTO FEEDER 5B28 FOUND APPROX 2–GALLONS OF OIL ON 2–INCHES OF LEAVES IN VS–5809 .IT APPEARS TO BE CONTAINED AT THIS TIME NO SEWERS OR WATERWAYS EFFECTED.NO FIRE OR SMOKE OR PRIVATE PROPERTY INVOLVED.UNIT WAS CONDEMED WILL BE REPLACED.

1–SAMPLE TAKEN ENVIR TAG#15142 PLACED.

INCIDENT ON 24HRS DEC PROGRAM.

CLEANUP PENDING TEST RESULTS.

RECORDS SHOW 49PPM 5/7/95

UPDATE 10–27–02 1550 HRS CHEM LAB # 02–10094–001 51 PPM LAZ # 04425

UPDATE 10/28/02 01:55 HRS. -- R. QUIJIJE OF BROOKLYN ENV. OPS. ON LOCATION WITH OVER 50 TANKER FOR CLEANUP AND REPORTS OIL LEAKING FROM BOTTOM OF TRANSFORMER. A NETWORKS CREW WILL BE NEEDED TO MEET TANKER & DRAIN OIL FROM TRANSFORMER BEFORE CLEANUP CAN CONTINUE. AS PER FEEDER CONTROL REP, NETWORKS CREWS ARE ON OTHER JOBS AT THIS TIME, SO THIS WILL NEED TO BE DONE ON DAY SHIFT. ENV. OPS. O.S. A. WALKER NOTIFIED -- CREW WILL CLOSE DOWN JOB AND SEND TANKER BACK TO ASTORIA. CLEANUP WILL NOT BE COMPLETE PRIOR TO 11:10 HRS, THEREFORE INCIDENT REMOVED FROM 24–HOUR DEMINIMIS PROGRAM. -- W.W. #17344

**Map Identification Number 59**

**PRIVATE RESIDENCE**

**Spill Number: 1215240**

**Close Date: 07/22/2013**

 640 HALSEY ST BROOKLYN, NY

TT-Id: 520A-0286-231

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1477 feet to the SE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Spiller: ESTER WILLIAMS

Spiller Phone:

Notifier Type: Other

Notifier Name:

Notifier Phone:

Caller Name:

Caller Agency:

Caller Phone:

DEC Investigator: SFRAHMAN

Contact for more spill info: SABRINA SMITH

Contact Person Phone: 9175670813

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
01/29/2013		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

**Caller Remarks:**

Neighbor at 640 Halsey St had oil tank that leaked and seaped into caller's basement located at 638A Halsey St. Caller advised that the FD was on scene on the 29th to evaluate, and determined it was not oil. Caller had other subjects who believe it is Home heating oil and request a call back from DEC at this time. There is a small amount of oil in basement still at this time.

**DEC Investigator Remarks:**

02/02/13–Hiralkumar Patel. spoke with Ms. Smith. she mentioned that her next door property is owned by 85 year old lady who is in nursing home. due to cold weather, water pipes in her neighbour's house broke and basement was flooded. at the same time, oil tank also leaked and then oily water entered into her basement. she claimed strong odors in her house. she mentioned that insurance agent for neighbour's property and property owner's daughter inspected house this afternoon and found tank leaking.

spoke with Alex Chernov (Ph. 718-644-8465, 646-820-2720), insurance adjuster for bank who is in process of foreclosing the property. he confirmed about 0.5 inches of product in Ms. Smith's basement. he mentioned that bank does not own this house and does not take any responsibility for cleanup.

spoke with Ludsta Haggie (Ph. 718-531-0505), daughter of property owner for building 640 Halsey St. asked her to hire environmental contractor for cleanup.

after discussing with DEC Austin, asked DEC Rahman to inspect the site.

case assigned to DEC Rahman.

02/04/2013 I responded to the site on 02/02/13 evening and met Ms. Haggie and Ms. Smith. I checked both properties. The 275 gallon tank at 640 Halsey St was still dripping at the bottom and puddle of oil underneath the tank, strong odor in the cellar where tank is located. Debris in that area are also oil contaminated. Oil seeped through the wall and impacted the basement of 638 A Halsey Street. There is a sump pit on the floor that was full of oil water. Outer surface of the wall at 638A looked stained and oil contaminated. Furnitures, clothes were oil soaked and strong odor of oil was present in the basement and on the first floor. I explained to Ms. Haggie that the RP has to hire a contractor to perform the clean up, otherwise DEC will have to hire state funded contractor. She said she will not take the responsibility of clean up. I also spoke with Alex Chernov, Insurance Adjuster. He could not give me any positive answer as to who will hire the contractor. I contacted my supervisor and let him know that due to presence of strong odor, clean up action should be started immediately. He approved opening a PIN and hiring a State Funded contractor. I called Fenley and Nichol first (631-586-4900, 516-768-1765), and they were not available on the phone. Then I called Clean Harbors (732-268-1997), they did not have enough available crews to take the job. Then I called AARCO Environmental Services and they were available to respond to the site. AARCO responded to the site around 12:30 AM on 02/03/2013 and cleaned up the basement floor at 638A, pumped out the sump, removed oil soaked furnitures to the back of the house, set a blower fan to ventilate the room. (sr)

Louesther Haggie- daughter of home owner  
105-05 Seaview Avenue  
Brooklyn, NY 11236, Ph: 718-531-0505

Property has Mortgage with  
Reverse Mortgage Solutions Inc  
5010 Linbar Drive, Suite 100  
Nashville, TN 37211  
888-918-1110

Clean up contractor:

AARCO

Project Manager: Roger Terlaga, 516-351-1879

I spoke with Terrisa Boudreaux, 281-404-7870. She is with Reverse Mortgage Solution. I explained it to her that DEC has retained the clean up contractor for emergency spill clean up. If the responsible party does not bear the expenses for clean up, DEC will pay the contractor and case will be referred to State AG's office for cost recovery. Terrisa Boudreaux told me that they will pay the clean up cost. I gave her the contact no for AARCO. (sr)

02/07/2013 Spoke with Sabrina Smith, and she indicated that she spoke with Reverse Mortgage Solutions, Terrisa Boudreaux, regarding the restoration of her impacted apartment. (sr)

02/21/2013 Rec'd a call from Terrisa Boudreaux, she told me that they will pay the bills from AARCO for the emergency clean up, but continue the remainder of the clean up with their own contractor. (sr)

07/22/13- Clean up letter from AARCO attached in edocs.Floor and wall was epoxy painted.(sr)

**Map Identification Number 60** **962 GREENE AVE** **Spill Number: 9412668** **Close Date: 12/21/1994**  
 962 GREENE AVE BROOKLYN, NY TT-Id: 520A-0044-166

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1497 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: VUJAX FUEL OIL Spiller Phone: (718) 453-5024  
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:  
 Caller Name: PAUL LOSQUADRO Caller Agency: VIJAX FUEL OIL Caller Phone: (718) 497-4491  
 DEC Investigator: KSTANG 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
12/21/1994	12/21/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

**Caller Remarks:**

LESS THAN 1 GALLON OUT OF VENT PIPE- SPEEDY DRY SPREAD

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 61** **455 MACON ST**  
 455 MACON ST

BROOKLYN, NY

**Spill Number: 9913169**

**Close Date: 10/04/2005**  
 TT-Id: 520A-0046-415

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1509 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: ALVIN DEVERTEUIL  
 DEC Investigator: kamalone

Spiller: UNKNOWN  
 Notifier Name: ALVIN DEVERTEUIL  
 Caller Agency: HOMEOWNER  
 Contact for more spill info: ALVIN DEVERTEUIL

Spiller Phone:  
 Notifier Phone: (718) 602-3457  
 Caller Phone: (718) 602-3457  
 Contact Person Phone: (718) 602-3457

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	
02/17/2000		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:**

SOMEONE DUMPED OIL INTO HIS BASEMENT VIA A PVC VENT PIPE – HE WILL CALL HIS HOMEOWNERS ABOUT CLEAN UP & WILL FOLLOW UP WITH REG OFFICE ON TUESDAY

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "M TIBBE"

July 13, 2005 – tried to contact residence; left message ~Maloney

July 22, 2005 – tried to contact residence; left message ~Maloney

October 4, 2005 – administratively closed. ~Maloney

**Map Identification Number 62** **CONSTRUCITON SITE**  
 494 HALSEY STREET

BROOKLYN, NY

**Spill Number: 0703125**

**Close Date: 06/18/2007**  
 TT-Id: 520A-0038-144

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1541 feet to the SSW

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: smsanges

Spiller: CESAR GARCIA – CONSTRUCITON SITE  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: CESAR GARCIA

Spiller Phone: (212) 689-4520  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (212) 689-1520

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
06/15/2007		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
KEROSENE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Complaint says construction company on site is using mixture of kerosene and water to wash down cement foundation/walkway on site.

DEC Investigator Remarks:

Anonymous caller – no callback info.  
 forwarded to ECO's for drive by inspection

**Map Identification Number 63** **217425; QUINCY AVE AND PATCHEN AVE**  
 QUINCY AVE AND PATCHEN AVE

BROOKLYN, NY

**Spill Number: 0914300**

**Close Date: 10/02/2009**  
 TT-Id: 520A-0249-137

MAP LOCATION INFORMATION  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1546 feet to the NE

ADDRESS CHANGE INFORMATION  
 Revised street: QUINCY ST / PATCHEN AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT DESK – CON EDISON Spiller Phone:  
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: DMPOKRZY 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	
07/06/2009		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 64** **KINEBREW RES** **Spill Number: 9904192** **Close Date: 06/30/2005**  
 383 MCDONOUGH ST BROOKLYN, NY TT-Id: 520A-0043-546

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1617 feet to the S

ADDRESS CHANGE INFORMATION  
 Revised street: 383 MAC DONOUGH ST  
 Revised zip code: 11233

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:  
 Notifier Type: Citizen Notifier Name: Notifier Phone:  
 Caller Name: HARRIETT KINEBREW Caller Agency: HOMEOWNER Caller Phone: (718) 455-6546  
 DEC Investigator: hmdudek 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	
07/09/1999		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 STATES THAT HER ENTIRE BASEMENT FLOOR IS DAMP FOR AN UNKNOWN REASON AND WOULD LIKE A CALL FROM DEC

DEC Investigator Remarks:

6/30/05 – Administrative Closure – HMD

**Map Identification Number 65**  **BUILDING** 585 MACON ST BROOKLYN, NY **Spill Number: 0610690** **Close Date: 01/11/2007**  
 TT-Id: 520A-0038-271

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1627 feet to the SE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: WILLIAM BERNARD – BUILDING Spiller Phone: (917) 742-2327  
 Notifier Type: Police Department Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: JBVOUGHT Contact for more spill info: WILLIAM BERNARD Contact Person Phone: (917) 742-2327

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
12/20/2006		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:

BETWEEN MALCOLM X BLVD AND PATCHEN AVE SPILL AMOUNT UNKNOWN, STRONG ODOR OF SOME SORT:

## DEC Investigator Remarks:

12/21/06–Vought–Off hours duty officer. Responded to spill. Onsite was Rodney Hall (Owner 718–909–4302) and Ms. Bernard and daughter. Small one gallon spill out of vent pipe(fresh oil noted on pipe) onto concrete. Speedy dry applied by Ark fuel previously as per Hall. 275 gallon #2 fuel oil AST in basement leaking with 5–gallon bucket underneath with some contamination on concrete. Unsure if source of oil is at top of bottom of AST. No sewers or drains affected. Some contaminated soil on top of concrete under UST and adjacent to boiler from small separate fuel oil filter leak. Fuel oil company is Ark Fuel (Ms. Hood 718–443–2327).

Vought spoke to Ms. Hood while Vought enroute to site and Ms. Hood stated she was on her way to site with two men to perform cleanup. By time of DEC arrival, crew had left.

As per Hall overfill took place approximately three days ago by Ark Fuel. Ark Fuel will be referred to ECO's by Vought.

Hall hired Petroleum Tank Cleaners (718–624–4842) to come and remove oil from tank. Very heavy odors in residence above basement (Bernard residence).

Vought required Hall (financially limited) to: 1)wash AST 2)remove all contaminated adsorbent and speedy dry from top of concrete in basement at boiler and AST location 3)paint stained wall behind AST.

12/21/06–Vought–Spoke to Hall and he confirmed that PTC removed oil from AST last night and placed adsorbent down under AST. Vought required Hall to perform tightness test of AST system. If system passes then Hall will send Patel TTF results and site inspection will be performed to ensure adequate cleanup and no further odors to above residence.

1/11/07–Vought–Called William Bernard for presence of odors and heat is working and tank was tightness tested and passed test. As per Bernard, no more odors are present in house. Spill closed by Vought due to minor spill on concrete and no further vapor impact.

**Map Identification Number 66****ARK SUPPLY CO– 718–443–4579**

585 MACON AVE

BROOKLYN, NY

**Spill Number: 0609322****Close Date: 01/11/2007**

TT–Id: 520A–0047–974

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1627 feet to the SE

## ADDRESS CHANGE INFORMATION

Revised street: 585 MACON ST

Revised zip code: 11233

Source of Spill: PRIVATE DWELLING

Notifier Type: Affected Persons

Caller Name:

DEC Investigator: rmpiper

Spiller: JOAN BRYANT

Notifier Name:

Caller Agency:

Contact for more spill info: JOAN BRYANT

Spiller Phone: (718) 707–5723

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 707–5723

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	
11/14/2006		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:

CALLER STATES THAT OIL COMPANY DELIVERED TO ABOVE ADDRESS AND IT SPILLED ALL OVER AND RAN TO HER PROPERTY, OIL THREW SAND DOWN BUT NOTHING ELES AND ALSO SMELL IS TERRIBLE;

DEC Investigator Remarks:

11/14/06– DECP iper responded to site. UPon arrival @2 oil spilled to sidewalk, speedy dry put down though it was raining so it was a slippery mess. Oil spill came from fill port location. Must have come from hose. no oil out vent. Piper scraped up old speedy dry and place new down. Attempts to phone Oil co were unsuccessful./ Piper drove to Ark Supply Co., 132 Stuyvesant Ave., Brooklyn, NY 11221– Kenny Hood, 718–443–4579. Instructed Kenny to clean properly. Kenny will go to site and address. He will phone when cleanup is complete for inspection.  
 11/22/06– DECP iper spoke w/ Caller. Spill has been cleaned up. cLosed.

<b>Map Identification Number 67</b>	<b>APARTMENT BUILDING</b>		<b>Spill Number: 9515951</b>	<b>Close Date: 08/14/1996</b>
	794 GREENE AVE	BROOKLYN, NY		TT–Id: 520A–0043–470
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: PARCEL MAPPING (1)		Revised street: NO CHANGE		
Approximate distance from property: 1645 feet to the NW		Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING		Spiller: HOUSING PRESERVATION & DE	Spiller Phone:	
Notifier Type: Fire Department		Notifier Name: DOMINICK TRALLI	Notifier Phone: (917) 769–0483	
Caller Name: DOMINICK TRALLI		Caller Agency: FDNY – HAZMAT 1	Caller Phone: (917) 769–0483	
DEC Investigator: GUTIERREZ	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		
03/12/1996		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	40.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

also possible in sewer – # 2 fuel oil in basement – also mixed with water. – DEP is also responding

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

<b>Map Identification Number 68</b> 	<b>PAMOJA HOUSE</b> 357 MARCUS DARBY BLVD	BROOKLYN, NY	<b>Spill Number: 1102689</b>	<b>Close Date: 07/22/2013</b> TT-Id: 520A-0263-389
<b>MAP LOCATION INFORMATION</b> Site location mapped by: PARCEL MAPPING (1) Approximate distance from property: 1660 feet to the WSW		<b>ADDRESS CHANGE INFORMATION</b> Revised street: 357 MARCUS GARVEY BLVD Revised zip code: NO CHANGE		
Source of Spill: PRIVATE DWELLING	Notifier Type: Other	Spiller: PAMOJA HOUSE	Spiller Phone:	
Caller Name:	DEC Investigator: SFRAHMAN	Notifier Name:	Notifier Phone:	
		Caller Agency:	Caller Phone:	
		Contact for more spill info: LANRE ORIMABOGUNJE	Contact Person Phone: (347) 843-9421	

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		
06/07/2011		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
AUTO WASTE FLUIDS		PETROLEUM	0	GALLONS	0	GALLONS	

UNKNOWN MATERIAL OTHER 0 GALLONS 0 GALLONS

Caller Remarks:

various chemicals found in mens shelter

DEC Investigator Remarks:

6/9 Left voice message for Carl Pellagrino of EPA asking what type of materials were found and were they leaking? in drums? open containers? etc.

6/24 Left voice message for Carl Pellagrino of EPA

06/28/11 Notified DEP Hotline and requested an inspection since the reported materials are variuous chemicals.DEP ref no 185266911.I also left a messege for Carl Pellagrino to call us back regarding what else he knows about the spill.(sr)

06/30/11 No call back received from EPA(Carl Pellagrino).Case closed.(sr)

**Map Identification Number 69** **APARTMENT BLDG** **Spill Number: 1201143** **Close Date: 05/04/2012**  
 492 MONROE ST BROOKLYN, NY TT-Id: 520A-0273-572

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1738 feet to the W

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: CLAUDIUS WICHAM – APARTMENT BLDG Spiller Phone:  
 Notifier Type: Health Department Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: HRPATEL Contact for more spill info: CLAUDIUS WICHAM Contact Person Phone: (917) 295-5862

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
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Caller is a Health Inpsector and during the course of a visit he can smell fuel oil from the location. he spoke with a rep from

the bldg, but they claim there is no access to the basement. Caller is making notification for access and will advise further. Requests a callback.

-----  
 DEC Investigator Remarks:

duplicate spill. case closed. refer to spill #: 1200586.

**Map Identification Number 70**      **PATCHEN AVE & GREENE AVE**      **Spill Number: 9905403**      **Close Date: 12/21/1999**  
 PATCHEN AVE & GREENE AVE      BROOKLYN, NY      TT-Id: 520A-0038-413

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1863 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: PATCHEN AVE / GREENE AVE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN      Spiller: UNKNOWN      Spiller Phone:  
 Notifier Type: Federal Government      Notifier Name:      Notifier Phone:  
 Caller Name: CHERELLE MAYFIELD      Caller Agency: DEP      Caller Phone: (718) 595-6777  
 DEC Investigator: O'DOWD      Contact for more spill info: CALLER      Contact Person Phone: (718) 595-6777

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	
08/04/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

-----  
 Caller Remarks:

caller reports 100 or more gallons of unknown fuel oil on ground.

-----  
 DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 71** **DAYCARE CENTER**  
 987 LAFAYETTE AVE

BROOKLYN, NY

**Spill Number: 1410980**

**Close Date: 04/02/2015**  
 TT-Id: 520A-0306-560

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 1893 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: TJDEMEO

Spiller: NATALIA BOKSAN – PACIFIC ENERGY  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: NATALIA BOKSAN

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (718) 647-1400

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/18/2015		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	8.00	GALLONS	0.00	GALLONS	

**Caller Remarks:**

clean up done

**DEC Investigator Remarks:**

Obligado – I spoke to Nataly at Pacific. She said they delivered 150 gallons and the tank only received 146. The rest spilled to the front of the building to the artificial turf/carpeting. She said they removed the turf and the cleanup is complete.

I called the Daycare Contact Sandra Rose – 718-341-1024. She said she is not there but she said her employees complained of oil odor in the building and they need to evacuate the children. She is going to be there in 1 hr. I told her a spill responder will be there to inspect. Her cell is 917-364-5242.

I called Nataly back and notified her that according to the building owner there were odors in the building and a spill responder was enroute and he may require more cleanup actions. She provided the name of the onsite cleanup person for Pacific – Lino 917-807-1417.

As directed by Vought I emailed spill report to Michael Hughes at NYSDOH who also notified NYCDOH. Spill assigned to Demeo.

2/18/15 TJD

Site inspection – An overfill of basement 275 AST at a daycare center occurred as a result of human error. A driver for Pacific Energy Corp overfilled the AST causing an estimated 25 gallon discharge – product flowed from the vent pipe onto concrete

courtyard, sidewalk and roadway. Less than 5 gallons was spilled interior to the structure from a leaking gauge on top of AST – impacting household items, flooring and sheetrock. Initial cleanup was performed by Pacific Energy employees – upon DEC arrival to location the spill cleanup was determined to be unsatisfactory and Pacific Energy was directed to retain the services of a qualified environmental contractor to perform the remaining work and install/operate ventilation equipment to address nuisance petroleum odors. Pacific Energy owner (Lino Bellantuono 917.807.1417) was onsite during DEC inspection and hired ABC Tank Cleaners to complete the required containment and cleanup actions.

While onsite for inspection DEC (DeMeo) observed a video surveillance system and requested access to review footage of outdoor camera prior to and during the fuel delivery. The owner of the daycare (Sandy Rose 917.364.5242) authorized access to the video system, upon review of the surveillance camera footage, DEC confirmed the delivery and spill were all recorded. DeMeo obtained authorization from Ms. Rose and proceeded to copy an approximate 8 minute video clip from the outdoor camera. The file format of this video clip is not compatible with DEC electronic data management system, a copy has been provided to DEC OGC and spills staff are working to convert the file into another format. As per the obtained video clip the time stamp when the spill started is 10:21 AM. A copy of the delivery ticket was also obtained – the ordered volume of fuel was reported by both the property owner and owner of Pacific Energy as 150 gallons – the delivery ticket is stamped 169.4 gallons. Prior to DEC departure from site, ABC Tank Cleaners had responded and were actively recovering product from all affected areas. Ventilation fans were also placed in operation.

2/19/15 TJD

Site inspection – At approximately 7AM DEC performed a follow-up inspection of the affected day care facility. All required cleanup actions both interior and exterior of structure were completed by the contractor. The ventilation equipment remains in operation and petroleum odors were non-detect based upon an olfactory evaluation. The daycare facility was in operation at time of inspection. The property owner and oil company owner are in private negotiations regarding property damage. All documentation, with exception of video clip, have been uploaded to DECDOCS. The daycare owner/operator was contacted via telephone for an update, she states the children are safe and the odor condition has resolved. Awaiting closure report. A copy of DEC report is being forwarded to NYS & NYC DOH.

4/1/15 TJD

File review. All required closure documentation has been received and uploaded to DECDOCS. DOH inspection did not identify any indoor air quality concerns. No further action is required. Spill closed.

**Map Identification Number 72**



**RESIDENCE**

953 LAFAYETTE AVE

BROOKLYN, NY

**Spill Number: 0310396**

**Close Date: 12/20/2005**

TT-Id: 520A-0040-439

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1918 feet to the NNW

**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: RALPH LEWIS	Notifier Phone: (917) 299-9889
Caller Name: SUSAN MAGI	Caller Agency: HEATING OIL PARTNERS	Caller Phone: (718) 444-3400
DEC Investigator: rvketani	Contact for more spill info: RALPH LEWIS	Contact Person Phone: (917) 299-9889

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	
12/08/2003		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

company delivered fuel oil today and at approximately 20:00 the home owner called them and told them of the leak. unsure if it is human error or a leak in the fuel line. there is a team in route to clean it up.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
Fill line leak

Oil company repaired the pipe.

Milro hired to do cleanup

basement cleanup (no problem outside)

12/11/2003 Sangesland spoke to Paul at Milro.

Surface cleanup done in basement. There were cracks in the basement floor. Today Milro will do some soil borings to see if there is a problem under the slab.

12/16/03 small amt of staining near structural column//bio and close as to maintain structural integrity.

12/15/05 – Raphael Ketani. I called up Ralph Lewis, the homeowner. He said that the spill had been cleaned up and he was satisfied with the work.

Anthony from Milro Environmental ((800) 773-7000) called to say that he will get me the closure report very soon.

12/20/05 – Raphael Ketani. I received the closure report. It has all of the information I need to close the case. I spoke to Anthony. He said the cracks were just low spots in the floor and so no borings were needed. With this information on file, I am closing the spill case.

**Map Identification Number 73** **APT BUILDING** **Spill Number: 0013467** **Close Date: 03/29/2001**  
 279 DECATUR ST BROOKLYN, NY TT-Id: 520A-0039-989

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1959 feet to the S

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: JACKLYN FRAITS Notifier Phone: (718) 493-4865  
 Caller Name: JACKLYN FRAITS Caller Agency: CITIZEN Caller Phone: (718) 493-4865  
 DEC Investigator: MCTIBBE 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
03/25/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

CALLER STATES WHEN SHE RETURNED HOME TODAY SHE HAD A STRONG ODOR OF WHAT SHE THINKS IS SEWAGE INSIDE HER APT SHE CONTACTED HE LANDLORD WHO DID COME TO THE APT BUT HE SAID HE COULD NOT SMELL ANYTHING SHE AND HER DAUGHTER ARE FEELING ILL REQ CALL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE" she contacted dep who told her to call fdny. fdny enroute. fdny did not smell anything and was not getting elevated Carbon monoxide readings in apt. she was told to ventilate. odor dissappated.

**Map Identification Number 74**



**SPILL NUMBER 9807531**

1023 LAFAYETTE AVE

BROOKLYN, NY

**Spill Number: 9807531**

**Close Date: 12/30/2002**

TT-Id: 520A-0051-090

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1960 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Notifier Type: Responsible Party

Caller Name: FRANK MASSERIA

DEC Investigator: CAENGELH

Spiller: CON EDISON

Notifier Name: MR CAPPODONO

Caller Agency: CON EDISON

Contact for more spill info: FRANK MASSERIA

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	
09/20/1998		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

TRANSFORMER ON FIRE - IF PRODUCT IS TRANSFORMER OIL PCB COUNT 55 PPM - CREWS ARE ON SCENE TO CONTAIN SPILL

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

Notes from telephone conversation with Chris Tomasello who was on off hour duty at time of spill:

500 kV transformer. At time of report Con Ed believed transformer contained 55ppm PCBs. When Chris spoke to Con Ed they downgraded the volume from 20 gallons to 5-10 gallons, which spewed into street. Staining only, no cars affected or other structures affected. NYCDEP on scene (kim Hanna and Chris Haas) directed cleanup.

Con Ed cleaned by:

spreading sand and removing

washing twice with Slix

post cleanup wipe tests

spreading another layer of sand and leaving in street.

At 19:00 Chris T. got confirmation from Con Ed that cleanup complete. Lab analysis of oil was 51 ppm PCBs. According to Con Ed Kim Hanna gave final cleanup approval.

9/21 Spoke to Kim Hanna

She confirmed most of Chris T.'s report but said the cleanup sequence was: Spreading sorbent material (such as speedy dry, not sand). Washing 2x with Slix and collecting wash water/Slix with vac-truck spread more sorbent, work in with broom and remove

post cleanup wipe testing.

Of this DEP asked them to do the double wash with Slix (Con Ed was only going to do single wash). DEP also told them to take sample for analysis and also took there own sample. Kim expects results by noon of 9/21 and said will report results to me.

9/21/98, 10:40 Spoke to Paul Carbone, Con Ed ERT. 8' x 40' area affected on road. At first believed nothing to sewer but FD water into sewer. Also while on scene observed a drop in level of water in trasformer manhole. NRC notified. DEP approved wipe test sampling grid.

Con Ed e2mis #119902:

20-SEP-1998 AS OF 07:05 FOD SALVASEN # 07099 ON LOCATION AT 07:05 REPORTS TRANSFORMER ON FIRE & OIL ON STREEN WILL MAKE SAFE

K.KAVANAGH O.S FLUSH ON LOCATION 08:35 REPORTS TRANS ON FIRE FOUND QPPROX 1 GAL OIL ON STREET AREA AFFECTED APPROX 4'

X 20' AREA CLOSED OFF & PROTECTED OIL IS CONTAINED NO SEWERS OR WATER WAYS AFFECTED ASORB WAS APPLIED TO AREA \*\*\* UNABLE TO ACCESS TRANS AT THIS TIME OIL ON STREET IS POSSIBLY FROM TRANS #9 SUPERVISOR & RED TRUCK DISPATCHED AT 08:10 TO CUT LINE HOLE \*\*\*\* TRANS PCB COUNT 55 PPM \*\*\*\* ENVIORNMENTAL S.ZALLOUGHI WAS NOTIFIED AT 08:20 & WILL GO TO LOCATION \*\*\*\*\* 09:37 ZALLOUGHI REPORTS AREA IS SAFE NO PERSONAL PROPERTY WAS AFFECTED OIL IS CONTAINED TO STRUCTURE AREA OIL IS A SPRAY FROM TRANSFORMER NO SEWERES OR WATERWAYS WERE AFFECTED IN AGREEMENT WITH THIS IS LT. CRESEI (HAZMAT FD) ALSO Batt. Chief Hintze 37 BATT FD) CLEANUP OF STREET IS IN PROGRESS. (NOTE CIG MASSERIA WAS NOTIFIED AT 10:18 9/21/98 at 1010 hrs. as per Steve Zalloughi, D.E.P. (Ms.Hanna & Mr.Hass) arrived on location at 1000 hrs. Also ERT - L.Lukshides arrived on location.

UPDATE 20-SEP-1998 10:10 AS PER ZALLOUGHI CHEMIST ORDERED FOR WIPE SAMPLES OF STREET.

UPDATE 20-SEP-1998 10:25 AS PER ZALLOUGHI ALL OIL & WATER IN THE STRUCTURE HAS DISAPPEARED IT IS NOW POSSIBLE THAT HOLE HAS A SUMP OR LOW DUCTS

UPDATE 20 SEP-1998 11:45 ZALLOUGHI REPORTS KEITH WILLIAMS ON LOCATION (DEP) NYFD FLOODING HOLE FROM HYDRANT TO STOP SMOKE.

UPDATE 20-SEP-1998 @1913 HRS TEST RESULTS RECEIVED 51 PPM.

1554HRS ENVIRONMENTAL ZALLOUGHI RPTS APPROX. 310 GALLONS Leaked OUT OF TM996 INTO structure. 500 KVA transformer holds 320 gallons of oil. PULLED SEWER COVERS – NO OIL FOUND. PULLED CATCH BASIN – NO OIL FOUND. Pulled adjoining company structures no oil or water found. Unknown at this time where this considerable amount of oil has gone. Ms. HANNA & MR. HASS OF DEP SATISFIED AND LEFT SCENE. STREET DOUBLE WASHED BY ENVIRONMENTAL DEPT. 5 SWIPE SAMPLES TAKEN ON STREET BY CO. CHEMIST.

1632HRS – PERMISSION GRANTED BY DEP TO BREAK DOWN SETUP.

1652HRS – MR. ZALLOUGHI CHECKED INSIDE P.S. 26, JESSE OWENS SCHOOL AT MALCOLM X BD. & LAFAYETTE AV. NO OIL FOUND. TM996 – STRUCTURE AND TRANSFORMER DRAINED.

DATE 9/20/98 LAB SAMPLE FOR TM996 #98-09760 51 PPM PCB

9/21/98 – 0800

AS PER CONVERSATION WITH T. MIMNAGH (SECTION MGR – ENV. OPS.) AND P. KEELAN OF ASTORIA CHEM LAB. THE 5 WIPE SAMPLES WILL BE ANALYZED DURING TODAY'S DAY WATCH.

9/21/98 21.45 T.MIMNAGH CALLED TO UPDATE CONTROL. CENTER N.Y.S DEC IS INQUIRING AS TO PROPER PRIMITTING OF EQUIPMENT GROUP VEHICLE TO TRANSPORT TRANSFORMERS. O.S.DEKANCHUK TO PICK UP PERMIT AND MANIFIST AT ASTORIA R.K.T.

9/21/98 22.25 O.S.

KAVANAGH REPORTED TM996 HAS BEEN REMOVED AND OIL CLEAN UP HAS BEEN COMPLETED. 10 BARRELS OF PCB SOLID WASTE HAS BEEN REMOVED. 1 BARREL SECONDARY CABLE CONTAMINATED WAS REMOVED. 1 BARREL PRI. CABLE CONTAMINATED WAS REMOVED. 1 BARREL ZONE MARERIAL AND P.P.E. UPON REMOVEL OF SOLID WASTE FOUND SEWER DRAIN AT N/W/C OF HOLE.SNAKED SEWER DRAIN FOUND CONNECTED TO N.Y.C.SEWER SYSTEM.IT IS ESTIMATED THAT APX. 100 GAL OF TRANS. OIL 51 PPM PCB ENTERED THE N.Y.C. SEWER SYSTEM.

At 2030 hrs on 9/21/98 Per request by Dan Battista, the DEC wants us to cease work on the Vault cleanup. The transformer was already removed and barrels prepared for delivery to Astoria. After review the equipment group vehicle carrying the transformer was sent to Astoria (and manifested) for DEC inspection. The drums were manifested from the field location. Job shut down until DEC agrees that we can restart.

9/22/98 at 1720 Hrs.--- As per EH&S, S.Zalloughi at approximately 0900 Hrs he called DEP and spoke to Supervisor Tom Thomas, and advised him that we located a sewer connection in the ( TM-996 ) Transformer structure. It is estimated that 100 gallons of oil ( PCB 57 PPM ), entered into the sewer. Incident report to be faxed to DEP in the A.M. on 9/23/98.

2:00 PM 9/22/98

Field meet with DEC Chris Engelhardt, Company rep's, Tom Mimmagh Env Ops, Steve Zalloughi EH&S, Ken Kavanagh and George Jacobi

Env Ops. Permit information for the T&S vehicle that manifested the 13 drums on 9/21/98 was provided to the DEC. After discussion the DEC agreed to allow us to

continue our cleanup efforts, but they want to view the vault without the two concrete slabs on top. It is expected that this could be viewed on 9/23/98.

EPA#NYP004016556 ORDERED FROM EPA.CABLE REMOVED --- NOW JET RODDING DUCTS AT 2140HRS.

2210 HRS 9--22--98 JET RODDING BET MH2226 TO TM996 ALL LIQUIDS PUSHED INTO MH2226 . LIQUID TO BE TREADED AS 50--499 PPM.

EPA # FOR MH2226 IS NYP 00401 6556.

UPDATE 9/23/98 00:45

J.DEKANCHUK FLUSH O.S. REPORTED OIL CLEANUP COMPLETED IN TM996 AND E.S.TAG #11982 WAS REMOVED.

Further information update: 0830 9/23/98

4 inch gravity drain was sealed using sacrete and quick plug on 9/22 at 1700 hrs. 2 drums of PCB solid waste and one drum of pcb solid waste with lead sludge were manifested to Astoria on 9/23.

Cleanup exceeded the 48 hrs due to a fire in the vault that delayed cleanup to the vault and the DEC request to cease all work on 9/21. Mimmagh Env. Ops

9/23/98 OVER 50 PPM CLEANUP PAPERWORK RETAINED WITH ENV. OPS.

**Map Identification Number 75**  **1054-1066 LAFAYETTE AVE**  
1054-1066 LAFAYETTE AVE

BROOKLYN, NY

**Spill Number: 9804807**

**Close Date: 03/20/2003**  
TT-Id: 520A-0044-105

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
Approximate distance from property: 1965 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Responsible Party  
Caller Name: DAREN MURPHY  
DEC Investigator: SACCACIO

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency: SOIL MECHANICS  
Contact for more spill info: CALLER

Spiller Phone:  
Notifier Phone:  
Caller Phone: (516) 221-7500  
Contact Person Phone: (516) 221-7500

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
06/08/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
WASTE OIL/USED OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER DOIMNG SITE WORK ON VACANT LOT FOUND CONTAMINATION.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 76**  **SPILL NUMBER 0210891** **Spill Number: 0210891** **Close Date: 09/29/2003**  
 DECATUR ST/STUYVESANT A BROOKLYN, NY TT-Id: 520A-0037-780

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1992 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: DECATUR ST / STUYVESANT AV  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CON EDISON	Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party	Notifier Name: DELACRUZ	Notifier Phone:
Caller Name: TOM MARCINEK	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG	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
01/30/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIELECTRIC FLUID	PETROLEUM	75.00	GALLONS	0.00	GALLONS	SOIL

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Caller Remarks:

CLEAN UP PENDING THE DE-ENERGIZATION OF THE FEEDER - REF #146979

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
E2MIS 146979

A.LASCHIAVO #38089 BQ EQUIPMENT REPORTS TM-957 ON FDR-5B23 MISSING APPROX 75 GALLONS OF DIELECTRIC FLUID, NO SEWERS OR WATERWAYS APPEAR AFFECTED, NO FIRE OR SMOKE INVOLVED, NO INJURIES OR PRIVATE PROPERTY INVOLVED. MOVED DIRT ON FLOOR OF TRANSFORMER SEES OIL UNDER IT. HISTORICAL DATA AS OF 1998 INDICATES 3PPM, TOOK A LIQUID SAMPLE FROM TRANSFORMER, PLACED E-TAG 06562. CHAIN OF CUSTODY FORM AA11870 FILLED OUT. ENVIRONMENTAL R.COSENTINO NOTIFIED. CLEANUP PENDING REMOVAL OF FDR-5B23 FROM SERVICE. NO PARKING 9-1030 TUES & FRI. #12255 VDC.

NO RECORDS AVAILABLE FOR SEWER CONNECTION.

UPDATE 1-30-03 R. COSENTINO ENVIR REP REPORT THAT UNIT IS A JUMBO TRANSF AND WAS INSTALL 1967. THE OIL THAT LEAKED FROM TRANSF LOOKS TO BE MIXED IN THE DIRT ( DIRT IS 3' HIGH AROUND STRUCTURE ) . TRANSF HOLDS APPROX 465 GALLONS OF OIL. TRANSF IS 6" BELOW MIN. THEY TOOK A LIQUID SAMPLE FROM TRANSF AND SAMPLE WAS PICK UP AT 1445 HRS.

STAN BALDWIN OF DEP AND ERT PIERRE BERNARD ARRIVED ON LOCATION 1415 HRS. DEP STAN BALDWIN WAS SATISFIED WITH CLEANUP PROCEEDURE AT THIS TIME. ERT WILL FAX SAMPLE RESULTS TO DEP . NETWORK CREW STANDING BY FOR OVER 50 PPM TANKER AND CLEANUP CREW. FDR.5B23 HAS BEEN TAKEN OUT OF SERV BUT IS NOT GRADED AND READY ( SAFE ) FOR WORK AT THIS TIME. LAZ # 04425

30-JAN-2003 1950HRS CILENTO EQUPT GROUP REPORTS DRAINED 415 GALLONS OF OIL FROM UNIT. TRANSFORMER HOLDS 465 GALLONS. THERE WAS A 50 GALLON RELEASE

From: Hendricks, James

Sent: Thursday, January 30, 2003 10:20 PM

Lab Sequence Number: 03-00862-001 Date Approved: 1/30/2003

E2 Incident Number: 146979 Date Received: 1/30/2003

Chain of Custody ID: CC11870 Date Sampled: 1/30/2003

LOCATION: DECATUR + STUYVESANT

STRUCTURE: VAULT 957 FEEDER ID:

EQUIPMENT: TRANSFORMER SERIAL #: 1950753

TOTAL PCB 30 ppm

Update – 1/31/03 0240hrs

A. Walker env. ops reports they removed 3 drums of non hazardous oily dirt, picked up by Astoria Transp. removed rest of dirt with vactor. Cleaned both ends of transf and washed with biogen 760. No sumps or drains found at thtis time. Tag remains in place pending tm removal.

UPDATE 1/31/03 07:00 HRS. --- A. LOSCHIAVO, O.S. WITH EQUIPMENT GROUP, REPORTS TRANSFORMER REMOVAL POSTPONED UNTIL MONDAY 2/03/2003 AT EARLIEST. HE NOTIFIED J. DEKANCHUK, O.S. BROOKLYN ENVIRONMENTAL OPS. --- W.W. #17344 ---

1/31/03=0800HRS ENVIR MGR RON CONSENTINO REPORTS .HE REPORTED TO ERT

BERNARD PERRI.THAT TM-957 WILL BE REMOVED BY MONDAY 2/3/03.

ERT WILL UPDATE DEP BALDWIN.

UPDATE: 11-FEB-2003 1137 HRS ENVIROMENTAL MGR R CONSENTINO REPORTS AS OF TODAY FEB 11 2003 PRIMARY AND SECONDARY CABLE ARE NOT CUT. PETE MALDINICH EQUIPT PLANNER WILL ARRANGE TO HAVE UNDERGROUND WEST TO CUT CABLES WITHIN NEXT 24 HOURS.

PROVIDING THAT CONDITIONS ARE OK. EQUIPT GROUP WILL REMOVE TRANSFORMER IMMEDIATLY AFTER CUTTING OF CABLES.

Update – 2/12/03 1930hrs

J. Dekanchuk OS reports partial clean up of vault. Tag remains in place pending removal of unit.

UPDATE 2-15-03 0445 HRS K. HUFFORD MECH "A" FLUSH DEPT REPORTS CLEANUP IS COMPLETED HE DOUBLE WASH STRUCTUR WITH BIO-JEN 760. HE REMOVED ALL LIQUIDS WITH HIS VACTOR. HE FOUND NO SUMP OR DRAIN. TRANSF HAD BEEN DRAINED AND REMOVED PREVIOUSLY . HE REMOVED E.S.TAG # 06562. CLEANUP IS COMPLETED. LAZ # 04425

Update – 2/18/03 – 0505 hrs – Structure was double washed using safety-wash. Event involved materials and event involved persons lists updated. H Bertorelli #

UPDATE: 2/20/03 PER SEDA EDIP OF EQUIPMENT, THE TRANSFORMER WAS REMOVED ON 2/14/03....

**Map Identification Number 77** **ABANDONED BLDG** **Spill Number: 9614376** **Close Date: 08/14/2009**  
 966 GATES AVE BROOKLYN, NY TT-Id: 520A-0041-958

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1995 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: ABOVE – ABANDONED BLDG	Spiller Phone:
Notifier Type: DEC	Notifier Name: NYC FIRE DEPT	Notifier Phone:
Caller Name: KIM HANNA	Caller Agency: NYC DEP	Caller Phone: (718) 595-6700
DEC Investigator: JBVOUGHT	Contact for more spill info: ABOVE	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	
03/11/1997		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 BASEMENT ON DIRT FLOOR SEEPING INTO DIRT SPEEDI-DRY APPLIED FOUND BY FIRE DEPT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
 5/12/04 – AUSTIN – TRANSFERRED FROM MULQUEEN TO TIPPLE – END

8/23/05 – Raphael Ketani. Case transferred to Jeff Vought.

8/6/09– Complete file review by Intern EM Ibeh and DEC Vought

File being reviewed is SP#9614376, PIN# 00027, spill date– 3/11/97, at an abandoned building on 966 Gates Ave., Brooklyn.

Caller's remarks state "spill in basement on dirt floor, seeping into dirt. Speedi-Dry applied. Found by Fire Department".

Closed SP#

#9614384- Spill date 3/11/97 at 964 Gates Ave., an abandoned building. "AST below grade-someone went into basement and disconnected line from tank causing tank to leak through dirt floor. Oil getting into next door building". Close date 8/12/97. See SP#9614376.

No PBS records found.

3/13/97- Materials used by Milro included Level D, 55gal. drums, plastic bags, lumber 2'x4', Quick Wick, Bad Air sponges, deodorant.

3/17/97- Miscellaneous drum disposal

3/21/97- Level D, grain Control, Quick Wick and oil/water per gallon.

3/27/97- Level D, Quick Wick, plastic bags, 2 part Epoxy, Quick Wick, rollers and 4" brushes.

8/15/97- Personal note by Robert Leung telling that Milro never received check and Albany had no record.

8/18/98- ISR to Albany.

8/6/09- As per Bechard at OAG, no records in database.

8/14/09-Vought-08/14/09-Vought-Vought and Ibeh reviewed site with DEC Austin and spill closed as contract payment packages document cleanup via use of thirteen 55-gallon drums (most likely used for soil removal), deodorizers, powerwasher, air sponges and Quick Wick. Ibeh spoke with NYSOAG Bechard and they had no record of spill. No endpoint sample analyticals in file. Due to age of spill (greater than six years) cost recovery not possible due to statute of limitations and no known RP. Vought left message for DEC Farrar to determine whether Final ISR is required.

08/18/09-Vought-Spoke to DEC Farrar and as "Att. Gen. Close Date" box is filled out in UIS, no Final ISR needed.

**Map Identification Number 78**



**COBBLE HILL HEALTH CENTER**  
822 LEXINGTON AVE

BROOKLYN, NY

**Spill Number: 0808184**

**Close Date: 11/10/2008**  
TT-Id: 520A-0220-435

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2043 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: JAKE HAWKES – COBBLE HILL HEALTH CENTER	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: vszhune	Contact for more spill info: JAKE HAWKES	Contact Person Phone: (212) 631-9000

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	
10/21/2008		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THAT THEY REMOVED A 10000 GALLON UST TANK AND THERE WAS EVIDENCE OF SOIL CONTAMINATION, POSSIBLY DUE TO OVERFILLS. CLEAN UP IS PENDING.

DEC Investigator Remarks:

10/21/2008 – Sangesland spoke to Jake Hawkes at Emteque. He said they pulled a 10,000 gal tank from under the slab of a former building last week. They found some stained soil and had the soil tested. Tests came back contaminated. New building will be a daycare center.

Contractors will be on site tomorrow to excavate further to remove anything that looks impacted. New end point samples will be taken and will be sent out for testing. If they are clean, a closure report will be submitted to the DEC for review.

11/10/2008–Zhune. On 10/27/2008 Eric Telemaque (212)631-9000 from Emtque Corporation called and said that his office id providing environmental consulting services at 822 Lexington Ave. Brooklyn, NY.

During excavation activities, a 10.000 gallon heating oil tank #6 oil was uncovered and apparently leaked. Upon discovery the tank was purged of contents, cleaned amd removed. All piping was also cleaned and removed. To date we have removed approximately 800 cubic yards of regulated soils (contaminated with # 6 oil). We are unable to excavate further on one site of the excavation since we will compromise the adjacent properties.

the new construction will include a structure with slab on grade with footings to 4 feet below grade. The current excation in some areas is 10 feet grade and we have found a clay layer at approximately 8 feet below grade.

The owner would like us to petition the NYSDEC to discontinue the excavation of contaminated material since the source ofthe contamination has been removed and significant amounts of contaminated soil has been remove. Water in Brooklyn is not potable

and we anticipate that the depth to ground water is 50 (reported by others. We propose the incorporation of a vapor barrier into the slab design to eliminate the potential for any exposure to the building occupants. He requested a meeting on the site to this discuss this matter.

10/31/08 Jeff Vought, Veronica Zhune, Eric Telemarque President of Emteque Corporation, Lawrence Murphy from Cauldwell Wingate and Donny Tuchman from Cobble Hill Health Center met at the site. We inspected the site. They said that approximately 1,600 tons of contaminated soil were removed in an area of 45ftx45f to a depth of approximately 14 ft. At about 10–12 ft depth, a layer of clay 1–2 ft thick was found. It appeared that the spill did not go below this layer. Groundwater depth is known to be about 50 ans is not expected to have been impacted by the spill since it believed to have stopped at the caly layer. Eight end point samples were taken from the excavated area. Five (5)samples were taken every 30feet along the perimeter ofthe excavation and three (3) at the base of the excavation. Jeff requested the following:

1. End Point samples results
2. Installation of vapor barrier
3. submission of PBS Registration

On November 05, 2008 the spill closure report was received.

The analytical results of the soil samples indicates that VOC's were detected in samples #3 and #6 but they are below the NYSDEC RSCOs. SVOC's were detected in samples #1, #2, #3, #6, #7 but they are below the NYSCDEC RSCOs.

On November 06, 2008 a letter from Amteque was received. The letter stayed the following:  
As agreed during our site meeting on Friday, October 31, 2008, The vapor barrier will be placed below tha slab at 822 Lexington Ave. Please find attached a cut–sheet of the proposed 15 mil thick vapor barrier Stego Wrap manufactured by Stego Industries.  
Case Closed.

**Map Identification Number 79**



**APARTMENT BLDG**  
531 KOSCIUSKO STREET

BROOKLYN, NY

**Spill Number: 9702910**

**Close Date: 09/12/1997**  
TT-Id: 520A-0051-078

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2129 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: 531 KOSCIUSZKO ST  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: APARTMENT BLDG Spiller Phone:  
 Notifier Type: Other Notifier Name: DENNIS MANKOWSKI Notifier Phone: (718) 624-4842  
 Caller Name: DENNIS MANKOWSKI Caller Agency: PETROLEUM TANK CLEANERS Caller Phone: (718) 624-4842  
 DEC Investigator: CAENGELH Contact for more spill info: SAM - SUPERINTENDENT 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	
06/06/1997		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 IS THERE TO CLEAN UP THE BASEMENT FROM THE SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT" same as 9702904 so closed.

**Map Identification Number 80** **SERVICE BOX 21468** **Spill Number: 9812957** **Close Date: 10/18/2002**  
 861 JEFFERSON AVE BROOKLYN, NY TT-Id: 520A-0044-195

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2135 feet to the E

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: MR THORTON Notifier Phone: (212) 580-6763  
 Caller Name: TONY CONSTANTINE Caller Agency: CON EDISON 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		
01/21/1999		UNKNOWN	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM		PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

con edison #122594 no waterways affected. sample taken. results pending results.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
DEC responder notes:

1/21/99: 5 gallons unknown oil w/40 gallons water in service box. Checking service. Sample collected for PCBs, told them to also analyze for oil ID and update me with results. (JHO)

e2mis no. 122-594:

11:38 1/21/98 W.WESTERVELT OPP.SUPER. I&A REPORTED FINDING 3 GAL. UNKNOWN OIL ON TOP OF 40 GAL. WATER IN SB21468 F/O 861

JEFFERSON AVE. WHILE CHECKING S/B FOR SALES JOB ON UPGRADING SER. AT THIS TIME CAN NOT TELL IF S/B HAS SUMP OR IS CONNECTED

TO SEWER. NO SEWERS OR WATERWAYS AFFECTED. A SAMPLE WAS TAKEN PUT IN FOR 4-6 HRS. TURNAROUND. INSTALLED E.S.TAG #04676. CLEAN UP PENDING SAMPLE RESULTS.

1/21/99-18:25HRS-LAB SEQ# 99-00639-RESULTS <1.00PPM.

UPDATE 2/18/99 11:20 J.HIPP FLUSH DEPT REPORTED HE COMPLETED OIL CLEAN UP WITH SLIX IN SB21468 AND REMOVED OIL TAG.

**Map Identification Number 81**



**SPILL NUMBER 0314156**  
458 KOSCIUSZKO STREET

BROOKLYN, NY

**Spill Number: 0314156**

**Close Date: 08/04/2004**  
TT-Id: 520A-0046-017

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2146 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: ARK FUEL CO	Spiller Phone:
Notifier Type: Local Agency	Notifier Name: 311 CALL CENTER	Notifier Phone: (212) 504-4200
Caller Name: CELINE ROSATO	Caller Agency: NYC DEP	Caller Phone: (212) 689-1520
DEC Investigator: TJDEMEO	Contact for more spill info: TINA ARMSTRONG	Contact Person Phone: (718) 455-3862

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	
03/26/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

Company was filling the tank for the house and some oil leaked in the front of the house and into the basement.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEMEO"  
DeMeo responded

3/29/04 TJD

Overfill of 275 AST. Impacts to basement and outside adjacent to vent. Oil company did not notify DEC regarding spill. According to tenant the oil truck driver spread a bag of absorbent and said he was sorry, no cleanup performed. Amount of spill estimated to be approximately 10 gallons outside & 5 gallons in basement. Tenant in ground floor apartment reported spill after both her landlord and oil company were non responsive to her complaints.

Demeo made several calls to Arc Fuel, leaving messages. No call back. On morning of 3/27/04, Demeo was successful in contacting oil company who stated they would return to site for cleanup. Tenant was contacted later that day and stated representatives from Arc did return to property but she was still not satisfied with the work that was performed.

As part of the Spill investigation on evening of 3/26/04, Demeo went to Arc Fuel business location which was located a few blocks from spill location. No answer at Arc Fuel. Two Arc Fuel Truck wer parked in vacant lot adjacent to business. The unpaved lot surface at business exhibited evidence of spills and vapors. A 55 gallon drum containing waste oil was found inside fence, adjacent to sidewalk, a puddle of oil was around drum and a hole in drum 10 inches from bottom with a rag stuffed into hole was identified. An active drip was documented. The driveway and sidewalk immediately adjacent to drum was stained with oil from Arc truck driving through the puddle on several occassions providing confirmation that the spilled product was present for several

days or longer. No evidence of cleanup.

When Arc was contacted 3/27/04 regarding initial spill event, Demeo questioned K. Hood (owner's daughter) regarding leaking drum. Ms. Hood stated she was unaware of the condition. Demeo directed Ms. Hood to report spill at their office (132 Stuyvesant Avenue, Brooklyn)

Both sites reinspected 3/29/04 w/DLE. Neither spill was cleaned up appropriately. DLE issued a total of 4 summons, 2 for each location. Soil contamination letters to be mailed to ARC, requiring subsurface investigations at both locations. Arc did not report spill at their storage yard as directed on 3/27/04.

8/4/04 TJD

PTC performed dig out of contaminated soils. Endpoint samples taken – results all below TAGM. No further action required spill closed.

**Map Identification Number 82** **FORMER GAS SATION** **Spill Number: 0412474** **Close Date: 03/23/2006**  
 1086-1098 LAFAYETTE AVE BROOKLYN, NY TT-Id: 520A-0044-162

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2148 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: MARK ROBINS – FORMER GAS SATION Spiller Phone: (631) 462-5866  
 Notifier Type: Other Notifier Name: MARK ROBBINS Notifier Phone: (631) 462-5866  
 Caller Name: MARK ROBBINS Caller Agency: HYDRO TECH ENVIRONMENTA Caller Phone: (631) 462-5866  
 DEC Investigator: KSTANG Contact for more spill info: MARK ROBINS 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	
02/24/2005		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:

GROUND WATER TEST SHOW CONTAMINATED SOIL:

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DEC Investigator Remarks:

3/3/05 – assign to Imdadul Islam. – KST

4/6/05– Spoke to Mark Robbins of Hydro Tech (Consultant) who is retained by the property owner Dunn Dev., 151 7th Ave., 2nd Fl., Brooklyn, NY 11215, Ph: 718 388–9407. They have completed phase I & II investigation and I asked them to forward all reports for Dept. review. – II

8/26/05– Reviewed the Phase I & II investigation reports submitted by Hydro Tech. One GW sampling at a depth of 60' only was found to have exceedances in VOCs. Investigation is considered to be insufficient and inconclusive. Further detailed investigations are required to be done for both soil & GW contamination, and an ISRP is to be submitted by October 10, 2005. – II

10/7/05– Visited the site today and met with Mark of Hydro Tech and rep. from developer– Dunn Dev Corp & RP. Decided to advance three borings ( triangular form) in the vicinity of SP/GP1 where GW contamination was found earlier. Both soil and GW sampling will be done and establish GW flow direction, and the ISRP is to be submitted by six weeks.– II

10/26/05– As per request from Hydro Tech, a letter addressed to "Whom It May Concern" was faxed to them in order to get help and cooperation from various city agencies in installation of monitoring well in the sidewalk on the south side of Lafayette Ave. at the site.– II

3/09/06 – Koon reviewed the Jan. 18 2006 report. 3 GW wells and 3 soil samples were taken. No petroleum–related VOCs were detected in either the GW or the soil. PID screening of soil borings were all less than .1 ppm. The previous phase 2 site assessment report showed that one well in the northern part of the property has total VOCs ~800 ppb, no Benzene, mostly trimethylbenzene and sec–Butylbenzene. The soil sample for this same well has total VOCs of 270 ppb. All other 4 wells sampled were clean.

One of the 3 wells sampled in the Jan. 18, 2006 report is downgradient and near the well with the 800 ppb VOCs detected. Since this well showed no VOCs in GW, the contamination found is likely very localized. Depth to GW is about 45 – 48 feet bgs. Do not expect significant impact to human health or the environment.

However, PERC was found in the GW samples ranging from 9 to 50 ppb in the Jan. 18, 2006 report. Spill will be closed with an entry in the "Referred To" data field to track the location of this low level PERC plume. The NFA letter will include language to suggest vapor barrier and subslab depressurization system. – KST

**Map Identification Number 83** **RESIDENCE** **Spill Number: 9812876** **Close Date: 07/18/2003**  
 439 MONROE ST BROOKLYN, NY TT-Id: 520A-0044-169

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2206 feet to the W

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: ABOVE NOTIFIER Spiller Phone:  
 Notifier Type: Fire Department Notifier Name: JOE IOVINO Notifier Phone: (917) 769-0485  
 Caller Name: EUGENIA BERNAIZ Caller Agency: NYC DEP Caller Phone: (718) 595-6700  
 DEC Investigator: SMSANGES Contact for more spill info: ABOVE NOTIFIER 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	
01/19/1999		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:  
 fire dept called to residence for fumes and found spill in basement – on concrete – no further at this time

DEC Investigator Remarks:  
 Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

**Map Identification Number 84** **GAMBLE HOME** **Spill Number: 0412139** **Close Date: 02/14/2005**  
 471 JEFFERSON AVE BROOKLYN, NY TT-Id: 520A-0046-409

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2219 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: MRS. GAMBLE – GAMBLE HOME Spiller Phone: (718) 453-8799  
 Notifier Type: Other Notifier Name: THOMAS BUTLER Notifier Phone: (718) 497-4491  
 Caller Name: THOMAS BUTLER Caller Agency: VIJAX Caller Phone: (718) 497-4491  
 DEC Investigator: JMKRIMGO Contact for more spill info: MRS. GAMBLE Contact Person Phone: (718) 453-8799

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	
02/14/2005		OTHER	YES		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:

HOMEOWNER WAS AWAY AND WHEN RETURNED STATED SHE HAS A STRONG ODOR OF FUEL OIL; WILL INVETSIGATE AND LET US KNOW:

DEC Investigator Remarks:

Sangesland spoke to Anthony Losquandro – Minor leak from the tank gauge – gauge connection was tightened – spill cleaned up.

Closed

**Map Identification Number 85** **419 DECATUR** **Spill Number: 0305841** **Close Date: 09/02/2003**  
 419 DECATUR ST BROOKLYN, NY TT-Id: 520A-0044-179

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2222 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: Other Notifier Name: JAIMIE INNISS Notifier Phone:  
 Caller Name: CORNELIA JEFFRIES Caller Agency: DEP Caller Phone: (212) 689-1520  
 DEC Investigator: SMSANGES Contact for more spill info: CORNELIA JEFFRIES Contact Person Phone: (212) 689-1520

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
09/02/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"  
 Confirmed problem with DEP. They said "Oil Spilled onto street causing haz driving conditions"

Called NYC Sanitation Operations and requested street sanding

<b>Map Identification Number 86</b>	<b>MANHOLE 3340</b>	<b>Spill Number: 0104106</b>	<b>Close Date: 08/23/2001</b>
	386 DECATUR ST	BROOKLYN, NY	TT-Id: 520A-0040-056

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2228 feet to the SSE

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 HOGAN	Notifier Phone: (212) 580-6763
Caller Name: STEVE ROMERO	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG	Contact for more spill info: STEVE 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
07/18/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	6.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

5.5 GALS PRODUCT ON 350 GALS WATER CONFINED TO MANHOLE – CLEAN UP 50–499 PPM PCB IS IN PROGRESS – NO SEWERS OR WATERWAYS – SAMPLE WAS TAKEN – CON ED 138312

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
CON ED E2MIS REPORT 7–18–01

Approx. 5 1/2 gals. of unknown oil on approx. 300gals.of water in M–3340 Spill appears contained, so sewer /waterway affected. 1 liquid sample taken. Cleanup to be done as 50–499ppm

1217hrs.

LSN 01–07444–01 <1ppm

1530hrs.

Cleanup completed, structure double washed with Bio Gen 760 & slix. Liquids were removed by vactor. No sump found, tag removed and incident closed.

<b>Map Identification Number 87</b> 	<b>SERVICE BOX 20343</b> 732 HALSEY ST	BROOKLYN, NY	<b>Spill Number: 9911681</b>	<b>Close Date: 03/04/2002</b> TT–Id: 520A–0044–193
<b>MAP LOCATION INFORMATION</b> Site location mapped by: PARCEL MAPPING (1) Approximate distance from property: 2231 feet to the ESE		<b>ADDRESS CHANGE INFORMATION</b> Revised street: NO CHANGE Revised zip code: NO CHANGE		
Source of Spill: COMMERCIAL/INDUSTRIAL	Responsible Party:	Spiller: CON EDISON	Spiller Phone:	
Notifier Type:	Caller Name: STEVEN CRIBBIN	Notifier Name: CLARK	Notifier Phone:	
DEC Investigator: JHOCONNE	Contact for more spill info:	Caller Agency: CON ED	Caller Phone: (212) 580–8576	
			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	
01/07/2000		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:

ON 10GAL OF WATER – CASE #129524

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 88**      **28-32 MALCHOM X BLVD**      **Spill Number: 9804805**      **Close Date: 03/20/2003**  
 28-32 MALCHOM X BLVD      BROOKLYN, NY      TT-Id: 520A-0043-519

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2239 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 30 MALCOLM X BLVD  
 Revised zip code: 11233

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: DAREN MURPHY	Caller Agency: SOIL MECHANICS	Caller Phone: (516) 221-7500
DEC Investigator: SACCACIO	Contact for more spill info: CALLER	Contact Person Phone: (516) 221-7500

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	
06/08/1998		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:

CALLER DOING SITE WORK ON VACANT LOT, FOUND CONTAMINATED SOIL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

<b>Map Identification Number 89</b>	<b>27-35 MALCHOM X BLVD</b>		<b>Spill Number: 9804806</b>	<b>Close Date: 03/20/2003</b>
	27-35 MALCHOM X BLVD	BROOKLYN, NY		TT-Id: 520A-0043-520

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2295 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: 31 MALCOLM X BLVD  
 Revised zip code: 11233

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: DAREN MURPHY	Caller Agency: SOIL MECHANICS	Caller Phone: (516) 221-7500
DEC Investigator: SACCACIO	Contact for more spill info: CALLER	Contact Person Phone: (516) 221-7500

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	
06/08/1998		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:

CALLER DOING SITE WORK ON VACANT LOT FOUND CONTAMINATED SOIL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 90** **IFO 516 LEXINGTON AVE**  
 516 LEXINGTON AVE

BROOKLYN, NY

**Spill Number: 9812121**

**Close Date: 02/20/2003**  
 TT-Id: 520A-0043-827

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2312 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: IFO 516 LEXINGTON AVE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: FRANK MASSERIA  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name:  
 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	
12/29/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller saw spill in service box #13017.con ed #122158

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 e2mis 122158

29-DEC-1998 1150HRS WESTERVELT I&A 74940 REPORTS FOUND 3 GALLONS UNKNOWN OIL ON 50 GALLONS WATER IN S/B 13017. TOOK SAMPLE AND HUNG TAG.#04673. IT IS CONTAINED AND NO SEWERS OR WATERWAYS ARE AFFECTED.4 TO 6 HR TURNAROUND ON SAMPLE .IT WAS FOUND WHILE WORKING ON A RECONNECT. CIG NOTIFIED

JR78448

UPDATE - 12/29/98 5:35 PM - CHEM LAB RESULTS RECD - LAB SEQ # 98-14362 < 1PPM====C. NEVILLE

UPDATE: 1/12/99 – 1410

J. RUSSO – 58886 – ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE WITH SLIX AND TAG #04673 REMOVED. INCIDENT IS CLOSED.

**Map Identification Number 91** **MANHOLE # 32303** **Spill Number: 0410019** **Close Date: 04/29/2005**  
 SE CORNER OF GATES AVE / BROOKLYN, NY TT-Id: 520A-0050-838

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2330 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: SE CORNER OF GATES AVE / RALPH AVE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Unknown Spiller Spiller Phone:  
 Notifier Type: Affected Persons Notifier Name: JULIO DONATONE Notifier Phone: (212) 580-8383  
 Caller Name: LARRY COSTA 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
12/08/2004		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:

SE CORNER OF GATES AVE / RALPH AVE  
 1 pint of unknown oil on 20 gallons of water in manhole.  
 As of 0150 taken off drain found in structure which was clogged. Drain was unclogged and then cemented.  
 In process of cleaning up spill.  
 Ref. # 156495

DEC Investigator Remarks:

e2mis no. 156495:

08-DEC-2004 1020HRS SPLICER VINCENT FAILLA, EMPLOYEE NO 14567, WHILE ON LOCATION TO PERFORM PRIMARY WORK ON FEEDER 5B28 IN MH

32303, LOCATED ON THE S/E/C OF GATES AVENUE & RALPH AVENUE, REPORTS FINDING APPX 1 PT OF UNK OIL ON APPX 20 GALS OF WATER IN THE STRUCTURE. SPILL APPEARS TO BE CONTAINED TO THE STRUCTURE. SEALED SUMP IN THE STRUCTURE. ENVIRONMENTAL TAG NO. 35471 WAS PLACED IN THE STRUCTURE, A SAMPLE TAKEN FOR PCB'S WHICH WILL BE TRANSPORTED VIA COURIER TO ASTORIA LAB ON CC NO DD20417.

12/8/04 1906HRS LAB RESULT RETURNED 90 PPM LSN04-10174-001

UPDATE: 12/8/04 - 2130 CALCULATIONS INDICATE THAT NO EPA # IS REQUIRED FOR LIQUID WASTE.

12/9/04 0140HRS A.GLODOWSKI ENVIR OPPS REPORTS A DRAIN WAS FOUND CLOGGED UP. DRAIN WAS CLEANED AND CEMENTED NO SIGNS OF OIL WERE FOUND. CLEANUP CONTINUES.

UPDATE: 12/9/04 - 0445

A. WALKER - O.S. - ENV. OPS., REPORTS LEAKING FITTING ON JT REG TANK REPAIRED BY #9. STRUCTURE DOUBLE WASHED WITH BIO GEN 760 & A1 HYDRO. 100 GALS OF LIQUIDS REMOVED BY ASTORIA TANKER. 1 DRUM OF SOLID WASTE REMOVED FROM STRUCTURE.

<b>Map Identification Number 92</b>	<b>MANHOLE 10990</b>		<b>Spill Number: 9911155</b>	<b>Close Date: 03/28/2002</b>
	DEKALB AVE/STUYVESANT AVE	BROOKLYN, NY		TT-Id: 520A-0051-059
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: ADDRESS MATCHING		Revised street: DE KALB AV / STUYVESANT AV		
Approximate distance from property: 2360 feet to the NNW		Revised zip code: 11221		
Source of Spill: COMMERCIAL/INDUSTRIAL		Spiller: CON EDISON	Spiller Phone:	
Notifier Type: Responsible Party		Notifier Name: DONATONE	Notifier Phone:	
Caller Name: MARK SCHLAGEL		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	
12/21/1999		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:

UNDIAPERABLE SHEEN – CASE #129360 – CONTAINED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 93**      **SB 17458**      **Spill Number: 0303856**      **Close Date: 08/27/2003**  
      412 DECATUR ST      BROOKLYN, NY      TT-Id: 520A-0040-375

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2369 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: Other      Notifier Name: MR DONOTONE      Notifier Phone: (212) 580-6763  
 Caller Name: MARK SCHLAGEL      Caller Agency: CON EDISON      Caller Phone: (212) 580-6763  
 DEC Investigator: SKARAKHA      Contact for more spill info: MARK SCHLAGEL      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	
07/11/2003		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:

SAMPLE TAKEN AND CLEAN UP PENDING. CON ED 149236. CAR IS COVERING SERVICE BOX SO CLEAN UP WILL NOT BE DONE AS OF YET. ON 5 GALS OF WATER.

DEC Investigator Remarks:

E2MIS 149236

W. PETRIE – 49755 – PROP PROT, REPORTS FINDING APPROX 1 GAL OF AN UNKNOWN OIL ON APPROX 5 GALS OF WATER IN SB17458. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO PRIVATE PROPERTY AFFECTED. NO INJURIES RELATED TO SPILL. NO MOVEMENT IN THE WATER. NO SEWER CONNECTIONS. NO SUMPS. NO PARKING 0900 – 1030 –TUES & FRI. NO LARGE CRACKS IN THE STRUCTURE. TAG # 05751 PLACED IN STRUCTURE. CHAIN OF CUSTODY FORM # AA24076 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP PENDING LAB RESULTS. TJ – 50495

From: Dampf, Jennifer

Sent: Friday, July 11, 2003 6:39 PM

Lab Sequence Number: 03–05754–001 Date Approved: 7/11/2003

E2 Incident Number: 149236 Date Received: 7/11/2003

Chain of Custody ID: AA24070 Date Sampled: 7/11/2003

MATRIX: OIL GRAB

LOCATION: F/O 412 DECATUR ST. BKLYN.

STRUCTURE: SERVICE BOX 17458 FEEDER ID:

QC ID: 04–200306252230

Aroclor 1260 < 1.0 ppm EPA 608/8082

7/12/03=0230HRS A.GLOWDOSKI ENVIR OPPTS REPORTS VEHICLE OVER STRUCTURE.UNABLE TO DO CLEANUP.

INCIDENT WILL BE TAKEN OFF 24HRD DEC PROGRAM.

7/12/03 0230HRS CIG M.SCHLAGEL NOTIFIED OF INCIDENT.

7/12/03=1945HRS O.S. GENE WILLIAMS REPORTS CLEANUP COMPLETED DOULBED WASHED STRUCTURE USING BIOGEN 760.FOUND NO SUMPS REMOVED ENVIR TAG#05751.

**Map Identification Number 94**  **AP MART**  
951 PUTNUM AVE

BROOKLYN, NY

**Spill Number: 0611079**

**Close Date: 01/05/2007**  
TT-Id: 520A-0047-983

MAP LOCATION INFORMATION  
Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2386 feet to the E

ADDRESS CHANGE INFORMATION  
Revised street: NO CHANGE  
Revised zip code: 11221

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
Notifier Type: Local Agency  
Caller Name:  
DEC Investigator: SMSANGES

Spiller: MR WILSON – AP MART  
Notifier Name:  
Caller Agency:  
Contact for more spill info: MR WILSON

Spiller Phone: (718) 453-0641  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (718) 453-0641

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	
01/04/2007		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:

LARGE OIL SPILL ON SIDEWALK HAS NOT BEEN CLEANED UP

DEC Investigator Remarks:

Sangesland confirmed that 5 Boro fuel (718-953-2900) responded to the site and cleaned up the sidewalk

**Map Identification Number 95**  **RESIDENCE**  
719 GREENE AVE

BROOKLYN, NY

**Spill Number: 1409894**

**Close Date: 02/23/2015**  
TT-Id: 520A-0303-357

MAP LOCATION INFORMATION  
Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2424 feet to the WNW

ADDRESS CHANGE INFORMATION  
Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: PROPERTY OWNER	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: AAOLIGA	Contact for more spill info: LISA HAWKINS	Contact Person Phone: (718) 443-7036

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/08/2015		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

concrete floor – staining – historic spill

DEC Investigator Remarks:

Obligado – I called Milro, and was provided the cell # for the inspector who called in the spill. 516-419-7696 Brendan. I called Brendan and left a message to call back the DEC.

1/9/15 – Obligado – I called and left a message for Brendan again.

1/14/15 – Obligado – I called and left a message for Brendan again to call back the DEC.

2/23-15 – Obligado – Closed spill as Milro never called back and to unable to get any information regarding reported spill.

**Map Identification Number 96** **MANHOLE 2145**  
 500 QUINCY ST

BROOKLYN, NY

**Spill Number: 0003599**

**Close Date: 09/27/2001**  
 TT-Id: 520A-0043-764

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2483 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: Other	Notifier Name: MR NEVILLE	Notifier Phone: (718) 246-6610
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	
06/23/2000		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:

3 qts oil on 300 gals of water contained in manhole. clean up pending. con ed 131-988

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis Notes:

6/23/00 3qts on 300gal water in manhole. Sample returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids were removed by tanker, solids by vactor. Disposed of as hazardous for lead only. No equipment leaking. No sump. (KMF 10/10/01)

<b>Map Identification Number 97</b>	<b>MANHOLE #DS2884</b>	<b>Spill Number: 0503913</b>	<b>Close Date: 09/09/2005</b>
	RALPH AVE/LEXINGTON AVE	BROOKLYN, NY	TT-Id: 520A-0050-111

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2494 feet to the ENE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: ERT DESK MIKE DAUGHTERY – MANHOLE #DS2884	Spiller Phone: (212) 580-8383
Notifier Type: Responsible Party	Notifier Name: PETE MCGURIE	Notifier Phone: (212) 580-6763
Caller Name: PETE MCGURIE	Caller Agency: CONED	Caller Phone: (212) 580-6763
DEC Investigator: SKARAKHA	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	
07/01/2005		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIELECTRIC FLUID	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRANSFORMER BLEW UP AND INJURED FOUR PEOPLE. SO TO FOUR QUESTIONS. CON ED#159536

DEC Investigator Remarks:

e2mis no 159536

J. BUIVIDAS – 07974 – FOD, REPORTS APPROX 4 GALS OF DIEL FLUID BLEW OUT FROM VS2884 ONTO ASPHALT, CONCRETE & A BUILDING. 5 PEOPLE WERE INJURED BY THE EXPLOSION. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. HE IS UNABLE TO DETERMINE THE AMOUNT OF OIL IN THE STRUCTURE AS YET. SAMPLES WILL BE TAKEN AND TAGS WILL BE HUNG WHEN IT IS OK TO DO SO.

UPDATE: 7/1/05 – 1415  
 HISTORICAL PCB COUNT OF TRANSFORMER IS 10 PPM DTD 11/30/95. EPA # ISSUED NYP004133120.

UPDATE: 7/1/05 – 1452  
 PCB SAMPLE TAKEN FROM TRANSFORMER BY B. BENOIT.

7/01/2005 18:59 HRS. -- PCB RESULTS <1.0 PPM, LAB SEQ # 05-06390-001.

7/01/05 21:37 HRS -- BROOKLYN ENV OPS O/S GENE WILLIAMS REPORTS SURFACE OF STREET AND SIDEWALK WAS DOUBLE WASHED WITH SAFEWASH AND ALL LIQUIDS WERE REMOVED FROM STREET WITH TANKER. GENERATED 17 DRUMS OF FRUIT THAT WAS CONTAMINATED WITH OIL AND THE DRUMS ARE BEING TRANSPORTED BY CENTRAL FIELD SERVICES TO ASTORIA. OIL FROM TRANSFORMER RAN OFF STREET INTO A MANHOLE THAT LOCATED ON STREET DIRECTLY IN FRONT OF VS-2884 ON SIDEWALK. ENV OPS CREW IS SETTING UP TO CLEAN THE MANHOLE. -- W.W. #17344 --

7/01/05 21:46 HRS. -- I CHECKED C&DO PLATE 42-AA AND FOUND MH-15740 LOCATED ON STREET IN FRONT OF VS-2884 ON SIDEWALK. GAVE

STRUCTURE NUMBER TO ENV OPS O/S GENE WILLIAMS. --- W.W. #17344 ---

7/01/05 21:51 HRS. NOTIFIED C.I.G. T. PARKER OF ADDITIONAL STRUCTURE AFFECTED: MH-15740.  
--- W.W. #17344 ---

UPDATE 02-JUL-2005 02:43 HRS. ENVIR. OPER MECH-A D.RODRIGUEZ EMP# 83694 REPORTS: FOUND AN EARTHEN SUMP WHILE IN THE PROCESS OF CLEANING STRUCTURE. C.HOGAN 07511

7/02/2005 03:00 HRS. --- D. RODRIGUEZ OF BROOKLYN ENV OPS REPORTS EQUIP. GROUP REMOVED TRANSFORMER FROM TM-2884 THEN ENV OPS TRIPLE WASHED STRUCTURE WITH A1-HYDRO AND CEMENTED EARTHEN SUMP. ALSO DOUBLE-WASHED MH-15740 WITH A1-HYDRO AND NO SUMP IN MANHOLE. THERE WERE NO ENV STOP TAGS TO REMOVE. CLEANUP OF BOTH STRUCTURES IS 100% COMPLETE AT THIS TIME. --- W.W.

7-5-05 08:45hrs MR. GARCIA (NETWORKS) REPORTS, UNIT READS 330 GALLONS ON TAG, 290 GALLONS DRAINED AND 36 GALLONS UNCOUNTED FOR. UNIT WAS REMOVED AND NEW UNIT INSTALLED. S. PACE 49874.

UPDATE FROM ANN IP.

-----Original Message-----

From: Ip, Ann S.

Sent: Tuesday, July 05, 2005 10:09 AM

To: Hearn, Dennis J.

Cc: Ip, Ann S.

Subject: FW: Addition Information - e2mis 159536

Dennis -

As we discussed, the following provide additional information and clarification to incident 159536:

- B/Q EH&S (A.Ip and E. Silano) arrived at the site at 1415 hrs and 1425 hrs, respectively, on 7/1/05. A command post has already be established at the time B/Q EHS arrived. Vito Vavallo of the ERG manned the command post. Nick Caputo was the white hat of this incident.

- Nick Captuo informed A. Ip that two NYCDEP representatives were at the scene and he requested A. Ip to coordinate with the DEP on the cleanup scheme.

- A. Ip met with John Wilson and Roberto Dias of the NYCDEP (Hazmat) and toured the site. The areas impacted by this incident included the sidewalk and street located around and in front of the transformer vault, and the food stand and awning located in front of the food store (i.e., Farm Fresh owned by Ms. Kaekae Lee at 2 Ralph Avenue). The inside of the store appeared clean and it was not impacted by this incident. Most of the fruits on the food stand and the awning appeared burned due to the transformer fire. The catch basin (at the corner of Ralph Ave. and Lexington Ave.) and the sewer (in front of VS 2884 on Ralph Ave.) were also examined by the DEP and B/Q EHS. Both structures were found to be clean. As a result, the DEP agreed that there was no need to clean the nearby catch basin and sewer. However, all the impacted fruits must be removed and disposed of.

- The statement "Oil from transformer ran off street into a manhole located on street in front of VS 2884 on sidewalk" indicated in the 7/1/05 21:37 hrs entry of this incident report is not entirely correct. It should be clarified that oily wash liquid ran off street and entered the line manhole (MH 15740) during the process of cleaning the street and sidewalk. Initially, MH 15740 was not impacted by this transformer incident.

- Ed Silano of B/Q EHS left the site at 1450 hrs to deliver oil sample to the Chem Lab. ERT (Andrew Fiore) arrived at the site at 1515 hrs and left at 1800 hrs. John Wilson of the DEP also left the site at 1915 hrs after A. Ip provided him with a hard copy of

the current PCB lab result. Mr. Wilson commented that the Con Ed crew had done a very good job in cleaning up this spill. After the street and sidewalk were cleaned, and all the fruits on the food stand were removed, A. Ip updated the EHS manager of this incident and left the site at 2030 hrs.

Closed. 9-9-05. GB

**Map Identification Number 98** **SB 16683** **Spill Number: 0005768** **Close Date: 02/13/2002**  
 INFO 111 CHAUNCEY ST BROOKLYN, NY TT-Id: 520A-0044-002

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2501 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR ZAMBRIO	Notifier Phone:
Caller Name: TED ROBICHAUD	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
08/14/2000		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:

sample taken clean up pending

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 99** **APARTMENT BUILDING**  
 522 PUTMAN AVE

BROOKLYN, NY

**Spill Number: 0700577**

**Close Date: 06/04/2007**  
 TT-Id: 520A-0048-997

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2521 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: 522 PUTNAM AVE  
 Revised zip code: 11221

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Fire Department  
 Caller Name:  
 DEC Investigator: jbvought

Spiller: DAN – NEW NELITE FUEL OIL  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: HAZMAT 1

Spiller Phone: (718) 459-1223  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (347) 203-6886

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	
04/16/2007		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	120.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WATER IN BASEMENT BUT IT IS NOT MOVING; HAZMAT ON SCEN, OIL COMPANY IS IN ROUTE; LANDLORD IS RICHARD JOHNSON (917)324-6538; HAS BEEN CONTAINED; NOT YET CLEANED; 275 GALLON TANK ON 04-13-07 150 GALLONS DELIVERED; HAVE CONTACTED DEP;

DEC Investigator Remarks:

Spill of approx 120 gal of oil in basement of small 3 family house. FD Haz Mat on scene says oil mixed with water and spread over whole basement floor. Oil company called insurance (Ambrose) who hired Petroleum Tank Cleaners. 5PM – "Bob" from PTC was sending a vac truck and a cleanup crew to the site. Vought will visit the site later this evening.

04/16/07-Vought-Called and spoke to PTC Lara as per DEC Austin. Lara confirmed that groundwater and product was pumped from basement and since lighting conditions were poor were going to return the next day to continue cleanup.As per DEC Sangesland notes: 120 gallons of #2 oil on basement floor on top of groundwater.

04/17/07-Vought-Received call from PTC Salamack that insurance company of Niel Fuel will no longer cover spill as cause of tank was rotting tank as per PTC foreman. Vought called Dan (Niel fuel) and as per Dan: Delivery was made on 4/13 and no problems

were encountered, account has been with oil company for 15 years, site is on automatic delivery, 275-gallon AST in basement, site is three family home, Dan was contacted by FDNY due to presence of fuel oil in basement which was red in color (fresh oil), source of water was a split leader pipe in the back of the building, cause of spill may be water lifting tank and severing connections, contact for site is Richard Johnson (718-493-4336 home, 917-324-6538 cell) and owner of site Bertha Say is deceased. Vought called both contact numbers of Jensen and left message to return call to cell immediately.

05/18/07-Vought-Called Richard Johnson at home and on cell and left message to return call and Vought sent out soil contamination letter with one month due date. Vought sent letter to:

Mr. Richard Johnson  
 Ms. Bertha Seay  
 522 Putnam Avenue  
 Brooklyn, NY 11221

05/23/07-Vought-Received call from Mr. Johnson. Mr. Johnson(917-324-6538) received call and no tank in basement as AST was removed. Name of oil company is Nulite (718-459-1223 Dan) and Mr. Johnson sated Nulite needs call from DEC to replace tank. No vapors in the building. Mostly concrete in basement and has cracks in holes. Cellar was excavated and cellar. Petroleum cleaned spots of petroleum impact and removed impacted soil. Vought made site visit for 12:30am on 5/24.

05/29/07-Vought-Site visit by Vought with Mr. Johnson. Fill port filled with cement and six tenants in above building and no fuel oil vapors observed in living areas of building. Odors present in basement however open pan of oil around temporary ten gallon AST set up by Niel Fuel until new AST arrives. Vought called Niel fuel with Johnson and Niel Fuel will install new tank. Spill closed by Vought due to no odors in living areas, scheduled installation of new AST (and hence removal of vapor source) and no significant impact to soil and groundwater. Spill closed by Vought and NFA sent to Johnson.

**Map Identification Number 100**

**SERVICE BOX 11138**  
 IFO 413 KOSCIUSKO ST

BROOKLYN, NY

**Spill Number: 0002781**

**Close Date: 09/25/2001**  
 TT-Id: 520A-0043-828

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2525 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: 11221

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: MARK SCHLAGEL  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name:  
 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	
06/05/2000		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:

1 gallon on 150 gallons water. samples. con ed # 131723.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
Con Ed e2mis Notes:

6/5/00 1gal unknown oil on 150gal water in service box. No oil filled equipment in hole. Oil ID not possible due to insufficient amount from sample. PCB result <1ppm.

7/10/00 Environmental Operations reports finding structure clean and without stop tag.

Map Identification Number 101



**STUYVESANT AVE&CHAUNCEYST**  
STUYVESANT AV&CHAUNCEY ST

NEW YORK CITY, NY

Spill Number: 9011158

Close Date: 01/21/1991  
TT-Id: 520A-0039-366

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 2528 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: STUYVESANT AV/CHAUNCEY ST  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Federal Government  
Caller Name: P O WERTZ  
DEC Investigator: TOMASELLO

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency: USCG  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (212) 668-7936  
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/21/1991	01/21/1991	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	SEWER

Caller Remarks:

NOTICED SUBSTANCE COMING THROUGH ROAD FROM CRACK,NYCFD ON SCENE,NYSDEC(TOMASELLO) RESPONDED,SEWER MAIN BROKE,SEWAGE COMING UP THROUGH STREETIS NOT A PETROLEUM PRODUCT,NYCDEP TO HANDLE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 102** **400 HANCOCK ST** **Spill Number: 9314540** **Close Date: 01/13/1995**  
 400 HANCOCK STREET BROOKLYN, NY TT-Id: 520A-0051-419

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2549 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNK	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: SIGONA	Contact for more spill info:	Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/10/1994	01/13/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-10.00	GALLONS	0.00	GALLONS	AIR

Caller Remarks:

SEE SPILL #9314470.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 103** **TM966**  
 CHAUNCEY ST & REED AVE

BROOKLYN, NY

**Spill Number: 0000542**

**Close Date: 01/16/2002**  
 TT-Id: 520A-0050-110

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2573 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: CHAUNCEY ST / REID AVE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: MARK SCHLAGEL  
 DEC Investigator: JHOCONNE

Spiller:  
 Notifier Name: MARK SCHLAGEL  
 Caller Agency: CON EDISON  
 Contact for more spill info: MARK SCHLAGEL

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 Caller Phone: (212) 580-6763  
 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	
04/13/2000		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:

CLEANUP PENDING LABS - SAMPLES TAKEN

CON ED 130886

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis #130886 Notes:

4-13-00 Transformer gang removing TM966 found approx 1gal of an unknown oil on 50gal water. Transformer pressure tested OK. No sump visible. Historical records indicate 13ppm dated 1987. Unit removed from structure. Sample taken. Cleanup pending sample results.

4-14-00 0615hrs

LSN 00-03631 <1ppm PCB

4-14-00 1330hrs

Cleanup completed by double washing structure with slix. Liquids removed by tanker, solids by vactor. No sump. No leaking equipment. Drain cemented.

**Map Identification Number 104**      **MH 63919**      **Spill Number: 0103937**      **Close Date: 08/23/2001**  
      GROVE ST/ BROADWAY      BROOKLYN, NY      TT-Id: 520A-0038-901

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2581 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: Affected Persons	Notifier Name: NEVIL	Notifier Phone:
Caller Name: STEVE ROMERO	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: STEVE 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
07/12/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	3.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

3 gal on 50 gal of water...spill wont be able to be lceaned up w/ in 24 hrs. ref # 138171. samples taken less than 1 ppm.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 CON ED E2MIS REPORT 7-12-01

Approx. 3gals.of an unknown oil on approx. 50gals. of water in MH63919. No sewers/waterways affected. PCB sample taken.

7-13-01 0049hrs.

Structure drained of liquids. Found cable on floor of structure and laying on feeders. UG contacted to go rerack able. Remove incident from 24hr. Deminimus.

1030hrs.

<1.0ppm cleanup completed by double washing structure with slix. Waste removed with vactor. Sump cleaned and cemented. No leaking equipment . Tag removed.



**Map Identification Number 106** **738 PUTNAM AVE**  
 738 PUTNAM AVE

BROOKLYN, NY

**Spill Number: 9511049**

**Close Date: 12/04/1995**  
 TT-Id: 520A-0044-180

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 454 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Local Agency  
 Caller Name: PETER BULLA  
 DEC Investigator: GUTIERREZ

Spiller: ROBERTO SIMONA  
 Notifier Name: STEVE DUNN  
 Caller Agency: PETRO COMMANDER  
 Contact for more spill info: ROBERTO SIMONA

Spiller Phone: (718) 443-4361  
 Notifier Phone: (718) 545-4500  
 Caller Phone: (718) 545-4500  
 Contact Person Phone: (718) 443-4361

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	
12/02/1995		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

THERE WAS A LEAK IN THE FILL LINE LEADING INTO THE BASEMENT STORAGE TANK - THE SPILL WAS NOT CLEANED UP BECAUSE IT HAD ABSORBED INTO THE SAND,LIMSTONE AND BRICK IN THE BASEMENT

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 107** **UNKNOWN**  
 738 PUTNAM AVE

BROOKLYN, NY

**Spill Number: 0610816**

**Close Date: 01/11/2007**  
 TT-Id: 520A-0038-274

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 454 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: MR ROBERTA SIMONA Spiller Phone: (718) 453-7766  
 Notifier Type: Local Agency Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: SFRAHMAN Contact for more spill info: MR ROBERTA SIMONA Contact Person Phone: (718) 453-7766

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/25/2006		EQUIPMENT FAILURE	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:

The filter from the tank failed. Tank is outside and leaked into the soil. Petro cleaned spill up.

DEC Investigator Remarks:

01/02/07 Rahman- Left a messege for Mr. Roberta Simona to call back DEC regarding the spill clean up.  
 01/11/07 Rahman- SPoke with Jean Sharpe, care taker of the building. She indicated that there was no spill on the floor, only a small amount dripped from the filter, which was contained and cleaned up. NFA required.

**Map Identification Number 108** **BRATWAITE RESIDENCE** **Spill Number: 1110104** **Close Date: 11/14/2011**  
 788 PUTNAM AVE BROOKLYN, NY TT-Id: 520A-0269-204

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 567 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: MRS BRATWAITE - HOMEOWNER Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: RMPIPER Contact for more spill info: MRS BRATWAITE Contact Person Phone: (917) 412-9072

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	
11/13/2011		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

concrete floor – customer refused pumpout – no cleanup status

DEC Investigator Remarks:

DEC Piper spoke with PETro. Caller said no oil was present on ground. tank is wet from water leak and has stalagmites. No oil spilled. Case closed.

Map Identification Number 109

**STUYVESANT GARDENS**  
845 GATES AVENUE

BROOKLYN, NY

Spill Number: 9604712

Close Date: 07/12/1996  
TT-Id: 520A-0044-171

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 568 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
Notifier Type: Local Agency  
Caller Name: MARIO MANDALONE  
DEC Investigator: HEALY

Spiller: MARIO MANDALONE – STUYVESANT GARDENS  
Notifier Name: SEB LOREFICE  
Caller Agency: NYC HOUSING AUTHORITY  
Contact for more spill info: MARIO MANDALONE

Spiller Phone: (718) 649-7017  
Notifier Phone: (718) 649-7017  
Caller Phone: (718) 649-7017  
Contact Person Phone: (718) 649-7017

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	
07/10/1996		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	20.00	GALLONS	20.00	GALLONS	SOIL

Caller Remarks:

BLEEDER VALVE ON TANK BROKEN

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:**

While prepping tank for testing, noted leaking bleeder valve on manhole cover. NYCHA repaired leak, Winston cleaned out manway vault. Close out.

**Map Identification Number 110**      **VAULT VS5630**      **Spill Number: 9901275**      **Close Date: 04/02/2002**  
      STUYVESANT AVE & QUINCY S      BROOKLYN, NY      TT-Id: 520A-0049-422

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 774 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: STUYVESANT AVE / QUINCY ST  
 Revised zip code: 11221

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CALLER – CON ED	Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party	Notifier Name: MS NEVILLE	Notifier Phone:
Caller Name: BILL MURPHEY	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	
05/03/1999		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
TRANSFORMER OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

leaking transformer –vault has sump pit with a dirt bottom –  
 200 gal into dirt – no sewer or waters effected – con ed #124604

test results from 4-15-96 was 10 ppb – new samples will be taken and will be analyzed on a priority basis – clean up pending results

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DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
DEC INSPECTOR NOTES

5-03-99 Bill Wallace

Appears to have been released over a period of time, mechanic in field has to move dirt around to find oil. No free oil in pit. Steve Zalloughi is en-route. Requested he call me with update when he arrived.

4:30 Ron James

Capacity of transformer is 265 gals., there is 65 gals remaining in it. Dirt sump; can't tell if there is a sewer connection. There is an oil level visible on the wall of MH. Will meet James at site in am to visually check cleanup, confirm analysis results before cementing sump.

5-04-99 4:00pm

Spoke with Ron James– After revising transformer and flushing vault again, found a 1-2" gap between vault wall and floor near sump. They undermined it and excavated soil which appeared clean (in same condition as soil in sump). I told him to proceed with work and that we would re-visit this site when we establish more definitive guidance on sampling analysis and cleanup from Albany.

CON ED E2MIS NOTES 5-25-00

Found VS5630 leaked 200 gals. of oil, VS has dirt pit which soaked up the oil. Last sample taken 4-15-96 tested as 10ppm. Tag #08575 placed, new sample will be taken and marked 4-6 hr. priority.

Unit pressure tested, did not hold pressure.

EPA # issued NYP 004036877 for a 50-499 cleanup.

Stan Baldwin of DEP arrived on location at 15:00 and left at 16:30. Flush crews arrived on location at 16:30.

Sagar Chatterjee of DEP arrived on location, R. James received a call from J.O'Connell of DEC– she wants us to hold off on cleaning sump until she arrives tomorrow at 9:30, Rod Herbert Ops. agreed to wait until then

Only 10 gals. recovered from unit. Spill now updated to approx. 225 galls.

5-04-99 15:41 hrs.

Update from ROn James-@9:30 met with J.O'Connell of DEC, showed her soil in sump,she was satisfied it was cleaned.(Point disputed ) Transformer removed by Networks, vault cleaned by Env. Ops. noted gap between wall an floor and a hole in the floor, further investigation found the soil under gaps were cleaned and hole did not reach soil. R. James updated J. O'Connell and informed here we will be sealing the vault and putting in a new transformer.

5-04-99 17:19hrs.

16:00 hrs sump cemented up and tag removed.

**Map Identification Number 111**      **816 GREENE AVE/BROOKLYN**      **Spill Number: 8809223**      **Close Date: 12/04/1992**  
 816 GREENE AVE      BROOKLYN, NY      TT-Id: 520A-0043-845

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1457 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller:	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: MR. MATOS	Caller Agency: NYCDEP	Caller Phone: (212) 669-8930
DEC Investigator: SIGONA	Contact for more spill info:	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	
02/27/1989	12/04/1992	EQUIPMENT FAILURE	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

275 GALLON TANK RUPTURED UPON DELIVERY, FIRE DEPT & NYCDEP PUT DOWN SPEEDY DRY, WILL HIRE CONTRACTOR TO FINISH CLEAN UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 112** **RESIDENT** **Spill Number: 0310355** **Close Date: 07/13/2004**  
 494 MACON ST BROOKLYN, NY TT-Id: 520A-0044-175

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1515 feet to the S

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: DEBORAH MOORE – RESIDENT Spiller Phone:  
 Notifier Type: Local Agency Notifier Name: SONY BRUNO Notifier Phone: (516) 686-2031  
 Caller Name: SONY BRUNO Caller Agency: PETRO OIL Caller Phone: (516) 686-2031  
 DEC Investigator: MXTIPPLE Contact for more spill info: DEBORAH MOORE 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
12/06/2003		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

oil went into drain in floor. tank aged and ruptured. unkown amount of oil

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
 12/18 house under construction, no one living at this address.submittals to follow when cleanup is completed.

1/8/03 tiple sent letter requesting documentation

7/13/04 nfa documentation reviewed

**Map Identification Number 113** **612 PUTNAM AVE** **Spill Number: 8908416** **Close Date: 12/08/1992**  
 612 PUTNAM AVE BROOKLYN, NY TT-Id: 520A-0046-418

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1660 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: HUMAN RESOURCES ADMIN. Spiller Phone: (212) 613-9324  
 Notifier Type: Fire Department Notifier Name: Notifier Phone:  
 Caller Name: STANLEY SEIDENBERG Caller Agency: NYCDEP HAZMAT Caller Phone: (212) 847-1055  
 DEC Investigator: SIGONA 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	
11/24/1989	12/08/1992	TANK OVERFILL	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	300.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 4K TANKS OVERFLOWED DURING TRANSFER FROM ONE TANK TO ANOTHER.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 114** **SERVICE VAULT 3003** **Spill Number: 0102569** **Close Date: 07/20/2001**  
 GREEN AV/LEWIS AV BROOKLYN, NY TT-Id: 520A-0042-615

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1672 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: GREENE AVE / LEWIS AVE  
 Revised zip code: 11221

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAME – CON ED Spiller Phone:  
 Notifier Type: Responsible Party Notifier Name: MR TOJERAS Notifier Phone:  
 Caller Name: STEVE MCGUIRE Caller Agency: CON ED Caller Phone: (212) 580-6763  
 DEC Investigator: JHOCONNE Contact for more spill info: STEVE MCGUIRE 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	
06/07/2001		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

IN THE VAULT, CLEAN UP PENDING, CON ED# 137528

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
CON ED E2MIS REPORT 6-07-01

Found aprox. 150gals. of transformer oil that leaked out of the unit onto dirt in VS3003. There is a sump in structure, it has not been verified if it is an earthen sump. PCB sample taken from transformer.

1443hrs.

Transformer holds 395 gals. of oil, tanker removed 160gals, leaving approx. 235 gals. missing.

Test results received 5ppm PCB

22:00hrs.

Double washed structure with BioGen 760. Dug down smp 1', observed no oil , and took VOC and SVOC samples. Cemented sump and pulled tag, job 100% completed

**Map Identification Number 115**



**SPILL NUMBER 0205548**  
MACON ST & LEWIS AVE

BROOKLYN, NY

**Spill Number: 0205548**

**Close Date: 09/13/2002**  
TT-Id: 520A-0039-009

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 1802 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: MACON ST / LEWIS AVE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CALLER – CON ED	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: SEAN MCKEEVER	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG	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	
08/27/2002		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIELECTRIC FLUID	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

manhole 965 transformer leaked. con ed # 144740

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
 E2MIS NOTES 144740

27-AUG-2002 – 1020

M. ADAMO – 28458 – EQ GP, WHILE REPLACING A TRANSFORMER ON DEAD 5B26, REPORTS A LEAK OF APPROX 150 GALS OF DIELECTRIC FLUID

FROM THE TRANSFORMER INTO THE VAULT. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO SPILL. NO PRIVATE PROPERTY AFFECTED. NO WATER IN STRUCTURE. NO SEWER CONNECTIONS. CANNOT VERIFY THE EXISTENCE OF ANY SPILLS. NO LARGE CRACKS IN STRUCTURE. TAG # 36092 PLACED IN STRUCTURE. HISTORIC PCB COUNT OF OIL IN TRANSFORMER IS 1 PPM DTD 2/28/96. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # CC05035 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP TO BEGIN AS 50 – 499. ENV OPS NOTIFIED. TANKER ORDERED. EPA # REQUESTED. JOHN GAGLIO OF EH & S NOTIFIED. CLEANUP TO BEGIN AS 50 – 499.

UPDATE 8/27/02 12:25 HRS. -- J. GAGLIO OF BROOKLYN/QUEENS EH&S CALLED IN E2MIS REPORT (#144746) FOR OIL FOUND IN LINE MANHOLE #3266. OIL WAS NOT COMING THROUGH DUCTS FROM THE TM, THEREFORE SOURCE UNKNOWN.

UPDATE 8/27/02 12:40 HRS. -- J. GAGLIO OF BROOKLYN/QUEENS EH&S REPORTS FOLLOWING PEOPLE ON LOCATION: B. PIERRE OF CON ED E.R.T., ABRAHAM RODRIGUEZ OF NYS D.E.C. (ARRIVED 12:30) AND ROBERTO DIAZ OF NYC D.E.P. (ARRIVED 12:40).

UPDATE 8/27/02 13:20 HRS. -- J. GAGLIO OF BROOKLYN/QUEENS EH&S REPORTS TRANSFORMER CAPACITY IS 320 GAL. AND TANKER REMOVED 180 GAL. OF OIL, LEAVING 140 GAL. OIL MISSING. ALSO B. PIERRE OF ERT WILL FORWARD PCB RESULTS TO AGENCIES.

UPDATE: 8/27/02 - 1415

J. GAGLIO REPORTS TRANSFORMER REMOVED. CLEANUP PROCEEDING.

PCB RESULT RECEIVED 8/27/02 - 1805. 02-07999. 13 PPM.

UPDATE: 8/27/02 - 2000

S. ADEAPO - ENV. OPS., REPORTS 13 PPM CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. LIQUID WASTE REMOVED BY TANKER. SOLID WASTE REMOVED BY VACTOR. NO SUMPS. NO DRAINS.

**Map Identification Number 116** **PATCHEN AV & GREENE AV** **BROOKLYN, NY** **Spill Number: 9905402** **Close Date: 12/21/1999**  
 TT-Id: 520A-0043-111

**MAP LOCATION INFORMATION**  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1863 feet to the NE

**ADDRESS CHANGE INFORMATION**  
 Revised street: PATCHEN AVE / GREENE AVE  
 Revised zip code: 11221

Source of Spill: TANK TRUCK	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Fire Department	Notifier Name: FIRE DISPATCH	Notifier Phone:
Caller Name: FF SMITH	Caller Agency: NYC FIRE DEPT	Caller Phone: (917) 769-0483
DEC Investigator: O'DOWD	Contact for more spill info: FF SMITH	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	
08/04/1999		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL







An email was received from the David Freedman :  
 " To Whom It May Concern,

Please see the attached letters and photographs. The letters have been provided by Troy Cutters Corp. and Cobra City Oil Recycling Corp. The letter from Troy Cutters Corp. attests to our draining, cleaning, and removing of storage drums and storage tanks. The excess oil generated by the FDNY was removed/cleaned up. The letter from Cobra City Oil Recycling Corp. attests to our removal of the soil that was put down by the FDNY to absorb any excess oil. Petro Oil came and tested all of our lines for possible oil leaks. No leaks were found. Petro Oil told us that the oil came through the filter cap. They provided us a new filter cap, which can be seen in photograph #1.  
 Photograph #2 – is a picture of our boiler room  
 Photograph #3 – is a picture outside of our boiler room  
 Photograph #4 – is another picture of the area outside our boiler room

As of today, February 25th, 2015 and depicted by the photographs, no excess oil exists at the above referenced property floor . In addition to the physical clean up, I would like to notify you that there is no odor, or complaints from any of the tenants.

Thanks  
 David friedman  
 7185987740"

Based on the narrative report provided by the Managment team. No further action is required by the Department. Hence, the spill case will be closed on the Database.

\*\*\*\* Spill C1053 \*\*\*\*

<b>Map Identification Number 119</b>	<b>ABANDONED BUILDING</b>		<b>Spill Number: 9614384</b>	<b>Close Date: 08/12/1997</b>
	964 GATES AVE	BROOKLYN, NY		TT-Id: 520A-0041-959
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: PARCEL MAPPING (1)		Revised street: NO CHANGE		
Approximate distance from property: 1976 feet to the ENE		Revised zip code: NO CHANGE		
Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: ABANDONED BUILDING	Spiller Phone:		
Notifier Type: Fire Department	Notifier Name: JOE POLCHA	Notifier Phone: (718) 694-2534		
Caller Name: JOE POLCHA	Caller Agency: NYC FIRE DEPT	Caller Phone: (718) 694-2534		
DEC Investigator: MMMULQUE	Contact for more spill info:	Contact Person Phone:		

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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	
03/11/1997		DELIBERATE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	275.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE GROUND TANK THAT IS BELOW GRADE – SOMEONE WENT INTO BASEMENT OF BUILDING AND DISCONNECTED LINE FROM TANK CAUSING TANK TO LEAK INTO THE BASEMENT AND THROUGH THE DIRT FLOOR – OIL IS NOW GETTING INTO THE NEXTDOOR BUILDING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN" PIN JOB CLEANUP. SEE SPILL # 9614376.

**Map Identification Number 120** **CULPEPPER RESIDENCE** **Spill Number: 0612863** **Close Date: 08/26/2010**  
 235 DECATUR STREET BROOKLYN, NY TT-Id: 520A-0038-321

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2116 feet to the SSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: KEITH WILLIAMS – FERRANTINO FUEL CORP Spiller Phone: (347) 672-6075  
 Notifier Type: Local Agency Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: RVKETANI Contact for more spill info: KEITH WILLIAMS Contact Person Phone: (347) 672-6075

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
02/28/2007		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	129.00	GALLONS	0.00	GALLONS	SOIL, INDOOR AIR

-----  
Caller Remarks:NO FURTHER INFO AT THIS TIME  
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## DEC Investigator Remarks:

02/28/2007--Vought--Duty desk officer. Vought called NYCDEP Williams and left message to return call. DEC Patel responded to site and FDNY onscene with oil company. Spill amount was approximately one gallon. DEC Patel inspected entire tank system including tank, supply return lines and vent pipe and found no spill.

03/14/07--Hiralkumar Patel. visited site again as owner complained odors inside building. found no odors inside basement. basement floor close to tank was wet but doesn't smell like petrochemical. met owner's daughter, who didn't gave her name. she told that her lawyer will call to discuss this matter.

03/15/07--Vought--Received message from Culpepper that she was not satisfied with results of Patel inspection. Vought forwarded message to DEC Austin who requested that Vought perform site visit. Vought called Justine Culpepper (347-439-1083) and left message to return call to arrange site visit.

3/17/07--Vought--Vought performed site visit and spill came out of vent pipe, ran down former coal chute (schist cobble walls with sand floor) and also ran into basement onto soil floor via door at bottom of chute. Culpepper notified insurance company of spill who also performed site visit previously:

St. Paul Travelers  
Attn: Chris Colonna  
ph: 631-577-7442  
Fax: 866-243-8125

Culpeppers mother afflicted with respiratory problems immediately after spill (mother also has chronic asthma) and was released. Mother is now staying at another residence. Culpepper and son living on third and fourth floors of brownstone (no odors in these floors at time of site visit). Culpepper produced Farrantino Oil delivery ticket showing that 129 gallons was delivered on 2/25. Culpepper's oil company is Petro. Last Petro delivery ticket shows that 162 gallons was delivered on 2/17.

Farrantino's contact information: Ferrantino Fuel Corporation

Attn : Mike Taylor  
180 9th Street  
Brooklyn, NY 11215  
Fax: 718-832-6277  
Phone: 718-832-6700

Assuming delivery occurred to tank was filled, tank had 275 gallons as of 2/17. Misdelivery of 129 gallons occurred by Farrantino on 2/25. As per Culpepper she will not accept any action by Farrantino Fuel employees and will only accept private contactor, (Note that endpoint samples and hence environmental consultant is required). Culpepper only available for home access after 5pm as she has lost many days from work and has no more time off. Culpepper has also hired private attorney for litigation:

Ronald Roth, Esq.  
233 Broadway  
Suite 220  
New York, NY 10279  
Phone: 212-608-3015  
Fax: 212-608-2177  
assistant: Lucy 347-280-2911

3/18/07-Vought-Called Farrantino Oil and spoke to Mike Taylor (718-832-6700) and Mike requested that decisions be delayed until next day (business day). Vought agreed to one day extension. Vought called Culpepper and left message with update.

3/19/07-Vought-Received call from Ferrantino (Taylor) who said that he will contact his supervision for next step and also was not willing to hire company and pay overtime for work after 5pm as requested by DEC. Taylor also did not believe that spill was 129 gallons and when required by DEC to call back by today stated that he did not believe that spill even occurred and asked for Vought's supervisor. Vought gave him name and phone number of supervisor, DEC Austin. DEC Austin requested that Vought draft a requirement letter for DEC Austin's signature. Vought called and left message for Culpepper to send in fax of Farrantino delivery receipt. Vought submitted draft letter to DEC Austin for review. Vought received call from Ferrantino-Taylor who said that he has contracted Petroleum Tank Cleaners for cleanup. Vought called Culpepper and left message. As per Culpepper, delivery by Petro also occurred after spill however only 33-gallons was delivered.

DEC requires: 1)excavation of impacted soil and collection of endpoint samples 2)cc to Colonna  
3)referral to ECO's for non-notification and discharge.

03/20/07-Vought-Received message from Chris Colonna (866-243-8125 631-577-7442) and returned call. Vought called PTC to confirm cleanup and they did not receive notice for site. As per PTC, Farrantino called and put PTC on hold and never returned call. Vought spoke to DEC Austin with respect to Petro causing overflow from regular scheduled delivery (after tank was filled by Farrantino) and as per Austin Petro will not be held responsible as Ferrantino performed action (misdelivery) that would have caused Petro spill (if any). Vought spoke to Taylor and he will call PTC immediately. Vought called Chris Colonna and left message that PTC cleaning spill and faxed him DEC Austin requirement letter and UIS notes. Vought called Ronald Roth and left message that cleanup being performed by PTC. Received call from Culpepper that she received request by Ferrantino to perform site visit. Culpepper agreed to site inspection as long as DEC present and requested that site visit be performed in late afternoon. Vought called Ferrantino(Taylor) and he said that PTC was going out to determine scope of work and Ferrantino site visit may not be necessary. Taylor will call back Vought with PTC determination and whether Ferrantino site visit is necessary. Vought called Culpepper and left message stating same. Vought called Taylor for update and PTC site visit was scheduled with Culpepper for 5:30am on Thurs morning. Vought called Culpepper who confirmed that she did schedule site visit with PTC for 3/22 at 5:30am.

03/26/07-Vought-Site visit by Vought with Culpepper. Five drums of contaminated soil removed from bottom of coal chute and inside basement. Residual soil contamination adjacent to wall left in place due to structural concerns. DEC requires: 1)covering of

floor with concrete and 2) washing or sealing of coal chute walls (odors from chute enter basement due to stack effect of building) 3) painting of door. PTC Salamack called and spoke to Culpepper this morning and arranged additional work to be performed on 3/31. As per Salamack, Ferrantino had referred case to their insurance company (AIG). Vought called Ferrantino Taylor and informed him of additional requirements.

4/2/07–Vought–PTC onsite Saturday and removed additional soil and pressure washed coal chute walls. PTC will be onsite next Saturday to pour concrete.

4/12/07–Vought–Received call from PTC Salamack that concrete was poured. Vought called Culpepper and left message to return call to DEC to schedule site visit.

8/16/10 – Raphael Ketani. I tried to contact Mark Salamack of PTC (718) 624–4842 in order to find out whether there were any documents demonstrating that the site had been cleaned. However, I could only leave a message.

I tried to contact Chris Colonna (631) 577–7442 of St. Paul Travelers, but found that the phone number belonged to a woman employee. I left a message asking her to call me back regarding the spill cleanup.

Lastly, I tried to contact Ronald Roth, Esq. (212) 608–3015, but could only leave a message with his secretary.

8/24/10 – Raphael Ketani. I spoke to Mr. Salamack cell (917) 559–5519 regarding the case. He said that he thought the case had been closed as PTC did the cleanup and cemented the coal chute. He will send DEC copies of all of the documentation he has from this spill.

8/26/10 – Raphael Ketani. Mr. Salamack sent me a FAX containing a manifest for soil that was removed on 4/2/07. This was the additional soil that was removed after the initial dig out.

I spoke to the previous case manager, Jeff Vought. He said that he hadn't been to the site to see the coal chute get washed or to see the floor get cemented. However, he said that PTC had called him up to say that the work had been done.

I spoke to Mr. Salamack, again, and asked him to send me copies of the invoices for the work. Not long afterwards, he sent them to me. They were all PAID invoices for soil excavation and disposal, cementing of the coal chute, epoxy painting of the door, and use of a large fan for ventilation.

According to my conversation with Mr. Vought, and the invoices and manifest, it appears that the cleanup work had been done. Therefore, I determined that there was no threat to the public or the environment from the spill. I closed the spill case.

**Map Identification Number 121** **BASEMENT FLOOR – CONCRETE**  
 531 KOSCIUSKO STREET

BROOKLYN, NY

**Spill Number: 9702904**

**Close Date: 02/19/2003**  
 TT-Id: 520A-0043-846

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2129 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: 531 KOSCIUSZKO STREET  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Fire Department  
 Caller Name: JOHN GAGLIANO  
 DEC Investigator: CAENGELH

Spiller: PLYMOUTH ROCK FUEL CORP  
 Notifier Name: DISP  
 Caller Agency: NYC FIRE HAZMAT  
 Contact for more spill info: JOHN GAGLIANO

Spiller Phone: (718) 855-2967  
 Notifier Phone: (718) 476-6261  
 Caller Phone: (917) 769-0483  
 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	
06/06/1997		TANK OVERFILL	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:**

Appears to have been an overfill on the part of the oil company – have contacted oil company answering service to get owner to get a crew to clean up – dyking area with speedy dry – no need for contact

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 Petroleum Tank Cleaners (PTC, Dennis Mankowski) arrived on scene at 09:30 on 6/6/97. Removed 200 gal of oil and applied speedy dry to floor. Tank is covered in concrete and is leaking. PTC broke through top of tank and removed oil.

Citizen on second floor is Angela Reida 718-919-2650 had trouble sleeping last night. Building owner is Henry Alexis. Managing company is Cape Management (718) 855 2967, agent is "David"

2/19/2003 – Austin, As per directive to closeout spills with no recent history, closed out.

**Map Identification Number 122** **HOUSE**  
 225 DECATUR AVE

BROOKLYN, NY

**Spill Number: 9713736**

**Close Date: 05/04/1998**  
 TT-Id: 520A-0044-012

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2158 feet to the SSW

**ADDRESS CHANGE INFORMATION**

Revised street: 225 DECATUR ST  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name: ANTHONY LARA  
 DEC Investigator: MMMULQUE

Spiller: UNKNOWN  
 Notifier Name: SAME  
 Caller Agency: PATROLEUM TANK CLEANERS  
 Contact for more spill info: RICHIE TENNENBAUM

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 624-6934  
 Contact Person Phone: (718) 257-3777

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	
03/11/1998		EQUIPMENT 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	SOIL

**Caller Remarks:**

APPARENTLY A PIPE BROKE THAT LEADS TO THE TANK.SPILL WILL BE CLEANED UP BY REPORTER.  
 THEIS LOCATION MIGHT BE A MUTLIPL E FAMILY DWELLING  
 UNKNOWN WHO IS RESPONSIBLE FOR THE SPILL.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN"

**Map Identification Number 123** **IFO**  
 541 LEXINGTON AVE

BROOKLYN, NY

**Spill Number: 9605506**

**Close Date: 02/24/2003**  
 TT-Id: 520A-0051-420

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2358 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: IFO 541 LEXINGTON AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE	Spiller: GRANT HOLLIS – NY REG PW1650 – W B D L EXP TRUC	Spiller Phone: (718) 647-5796
Notifier Type: Fire Department	Notifier Name: BROOKLYN DISPATCHER	Notifier Phone:
Caller Name: FIREFIGHTER TRILLA	Caller Agency: NY FD HAZMAT	Caller Phone: (917) 769-0483
DEC Investigator: KGHale	Contact for more spill info: CALLER	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	
07/30/1996		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

drive shaft broke putting hole into saddle tanks; 100 gallons went into the sewer; fire dept has cleaned up the residue

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "HALE"  
 All Went Into The Sewer. It'S Probably A Combine Sewer – Nysdep Was Informed At 7:332/24/2003 – Closed Due To The Nature / Extent Of The Spill Report

**Map Identification Number 124** **226 MARCUS GARVEY BLVD**  
 226 MARCUS GARVEY BLVD

BROOKLYN, NY

**Spill Number: 9512384**

**Close Date: 01/28/1996**  
 TT-Id: 520A-0043-836

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2440 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: 11237 – VIJAX OIL CO	Spiller Phone: (718) 735–4215
Notifier Type: Fire Department	Notifier Name: FELICIA HINES	Notifier Phone:
Caller Name: TIM REGAN	Caller Agency: NYC FIRE DEPT	Caller Phone: (718) 476–6288
DEC Investigator: MMMULQUE	Contact for more spill info: FELICIA HINES	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	
01/04/1996		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ouil company pumped 200 gal of oil in house that has gas service.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN"  
 SPOKE TO TIM, (917) 769–0483 FD – FD ON SCENE, DEP HAZMAT ENROUTE TO SCENE – OIL COMPANY CONTRACTOR ETA 1220. Sweet Claims hired PTC for cleanup, removed containinated materials, excavated floor, backfilled & restored

**Map Identification Number 125**     **400 HANCOCK STREET**  
 400 HANCOCK STREET

BROOKLYN, NY

**Spill Number: 9314539**

**Close Date: 03/11/1994**  
 TT–Id: 520A–0046–407

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2549 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: SIGONA

Spiller:  
 Notifier Name:  
 Caller Agency: PETRO TANK CLEANERS  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 624–1842  
 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
03/11/1994	03/11/1994	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

275 GAL RUPTURED, OR CROSS-OVER LINE IS LEAKING. PETRO HAS VAC TRUCK THERE WANT A CALL BACK. CALLED UP PETROLEUM TANK CLEANERS AND FOUND THAT THEY ARE RESPONDING AND WILL CLEAN UP THE SPILL ON BEHALF

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS 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
0803181	NATIONAL GRID BACKHOE	575 HANCOCK STREET	BROOKLYN
0108273	VACANT LOT	728 MADISON STREET	MANHATTAN
0910634	MULTIPLE DWELLING	165 STUYVESANT AVE	BROOKLYN
9209758	659 PUTNAM AVE	659 PUTNAM AVE	BROOKLYN
0010024	640-648 LEXINGTON AVE	640-648 LEXINGTON AVE	BROOKLYN
9511821	630 HANCOCK STREET	630 HANCOCK STREET	BROOKLYN
1215970	PRIVATE RESIDENCE	544 MONROE ST	BROOKLYN
9215054	749 JEFFERSON AVE.	749 JEFFERSON AVENUE	BROOKLYN
9213006	749 JEFFERSON AVENUE	749 JEFFERSON AVENUE	BROOKLYN
9802992	SPILL NUMBER 9802992	894 GATES AVE	BROOKLYN
9210767	310 STUYVESANT AVE	310 STUYVESANT AVE	BROOKLYN
0801452	PRIVATE RESIDENCE	149 STUYVESANT AVE	BROOKLYN
0801449	PRIVATE HOME	149 STUYVESANT AVE	BROOKLYN
9514539	560 MADISON ST	560 MADISON ST	BROOKLYN
1202333	ROADWAY VEH 24109	ACROSS FROM 106 MALCOM X BLVD	BROOKLYN
9413501	735 QUINCY STREET	735 QUINCY STREET	BROOKLYN
0803254	ON ROADWAY	STUYVESANT/ HALSEY	BROOKLYN

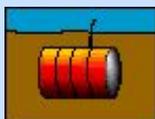
0712420	IN ROADWAY	HALLSEY/STUYVESANT	BROOKLYN
9405641	604 HALSEY STREE	604 HALSEY STREET	BROOKLYN
0709095	ON STREET	IN FRONT OF 514 HANCOCK ST	BROOKLYN
0105144	SPILL NUMBER 0105144	MALCOLM X / HALLSEY ST	BROOKLYN
1409809	RESIDENCE	642 PUTNAM AVE	BROOKLYN
9302480	L. LINDSEY RESID	523 MADISON ST	BROOKLYN
1310101	APARTMENT BUILDING	266 MALCOLM X BOULEVARD	BROOKLYN
9511888	501 MACON ST	501 MACON ST	BROOKLYN
8910571	PATCHEN AVE & MONROE ST	PATCHEN AVE & MONROE ST	NEW YORK CITY
1011420	EDRASIS LOC	325 STYVESANT AVE	BROOKLYN
0801549	DRUM RUN	502 HANCOCK ST.	BROOKLYN
0000711	SPILL NUMBER 0000711	495 HANCOCK ST	BROOKLYN
9714267	MULTI-DWELLING	619 HALSEY ST	BROOKLYN
1113145	BASEMENT	459 MACON ST	BROOKLYN
0430001	ARC FUEL OIL	132 STUYVESANT AVE	BROOKLYN
0410481	CLARK RESIDENCE	964 GREENE AVE	BROOKLYN
0307063	931 GREENE AVE	931 GREENE AVE	BROOKLYN
9313333	494 A MACON STREET	494 A MACON STREET	BROOKLYN
9509805	499 MADISON STREET	499 MADISON STREET	BROOKLYN
9307506	499 MADISON STREET	499 MADISON STREET	BROOKLYN
9911485	JOHNSON RESIDENCE	716 HANCOCK ST	BROOKLYN
0010530	RESIDENTS	814 QUINCY STREET	BROOKLYN
1107937	SOIL	512 MADISON ST	BROOKLYN
0208513	SPILL NUMBER 0208513	343 STUYVESTANT AVE	BROOKLYN
1200987	RESIDENCE	635A HALSLEY STREET	BROOKLYN
9505650	124 STUYVESANT AVENUE	124 STUYVESANT AVENUE	BROOKLYN
9214459	940 GATES AVE	940 GATES AVE	BROOKLYN
1411277	DRUM RUN	181 PATCHEN AVE	BROOKLYN
9814007	IDAL REALITY	942 LAFAYETTE AVE	BROOKLYN
0407114	VAULT # 1545	STUYVESANT AVE/LAFAYTTE	BROOKLYN
0909778	BASEMENT	403 MACON ST	BROOKLYN
8909845	460 HANCOCK ST/BKLYN	460 HANCOCK STREET	BROOKLYN
9415493	743 HANCOCK STREET	743 HANCOCK STREET	BROOKLYN
9311500	743 HANCOCK ST.	743 HANCOCK STREET	BROOKLYN
9010983	743 HANCOCK ST/BKLYN	743 HANCOCK STREET	BROOKLYN
1205294	SEWER	LAFAYETTE AVE AND MALCOLM X BLVD	BROOKLYN
9508547	452 MAC DONOUGH ST	452 MAC DONOUGH ST	BROOKLYN
0109553	MONROE ST AT	MARKUS-GARVEY BL MONROE	BROOKLYN
9507501	454 MCDONOUGH STREET	454 MCDONOUGH STREET	BROOKLYN
0109566	SINGLETARY HOME	163 LEWIS AVE	BROOKLYN
9613459	ROADWAY	PATCHEN AVE/MACON ST	BROOKLYN
9712718	STREET	915 PUTNAM AVE	BROOKLYN
0913458	ACCIDENT ROADWAY	1029 LAFAYETTE AVE	BROOKLYN
0702016	DRUM RUN	1035 LAFAYETT AVE	BROOKLYN

9308510	710 HALSEY STREET	710 HALSEY STREET	BROOKLYN
9600345	389 DECATUR ST	389 DECATUR ST	BROOKLYN
1007985	PVT DWELLING	915 LAFAYETTE AVE	BROOKLYN
1012886	DRUM RUN	974 GATES AVE	BROOKLYN
0605737	DRUM RUN	974 GATES AVE	BROOKLYN
0314273	PUBLIC SCHOOL	794 MONROE ST	BROOKLYN
0802598	DRUM RUN	KOSCIUSZKO STREET + STUYVESANT AVE	BROOKLYN
1308603	BASEMENT	907 LAFAYETTE AVE	BROOKLYN
1309107	ILLEGAL TANK REMOVAL	401 DECATUR ST	BROOKLYN
9106000	445 MONROE ST	445 MONROE ST	BROOKLYN
8709381	JEFFERSON AVE.	JEFFERSON AVE	BROOKLYN
9210653	262 DECATUR STREET	262 DECATUR STREET	BROOKLYN
9609628	1081 LAFAYETTE AVE	1081 LAFAYETTE AVE	BROOKLYN
0713852	APARTMENT	380 DECATUR STREET	BROOKLYN
0513295	LEXINGTON AVENUE	881 LEXINGTON AVE	BROOKLYN
0111966	SPILL NUMBER 0111966	556 PUTMAN AVE	BROOKLYN
9514218	GAMBLE RESIDENCE	471 JEFFERSON AVE	BROOKLYN
9509869	428A HANCOCK STREET	428A HANCOCK STREET	BROOKLYN
9412173	509 MCDONOUGH ST	509 MCDONOUGH ST	BROOKLYN
1002795	PRIVATE DWELLING	734 HALSEY STREET	BROOKLYN
0111790	736 HALSEY	736 HALSEY ST	BROOKLYN
9703371	ENGINE CO. 222 FDNY -DDC	32 RALPH AVENUE	BROOKLYN
9510814	RALPH AVE & MADISON ST	RALPH AVE & MADISON ST	BROOKLYN
9809495	MANHOLE 2270	MONROE ST / RALPH AV	BROOKLYN
0709942	TM 962 HAS STEADY LEAK	GREENE AVE & MARCUS GARVEY BLVD	BROOKLYN
0406498	398 DECATUR STREET	398 DECATUR STREET	BROOKLYN
0890141	207045; RALPH AVE	RALPH AVE	
0002270	426 KOSCIUSZKO ST	426 KOSCIUSZKO ST	BROOKLYN
0003947	ROADWAY	BROADWAY/VAN BUREN	BROOKLYN
9412090	746 HALSEY ST	746 HALSEY ST	BROOKLYN
9312209	STUYVESANT AVE- DEKALB AV	STUYVESANT AVE - DEKALB A	BROOKLYN
0407777	VAULT #994	STUYVESANT ST & DEKALB AV	BROOKLYN
9711144	FRAZIER BROTHERS	79 RALPH AVE	BROOKLYN
9405983	45 RALPH AVENUE	45 RALPH AVENUE	BROOKLYN
1308007	ROADWAY	BROADWAY AND GREEN STREET	BROOKLYN
0800222	BROADWAY/ GREENE AVE	BROADWAY/ GREENE AVE	BROOKLYN
0509224	INTERSECTION OF	BROADWAY AND GREENE	BROOKLYN
9514505	VAULT 2591	1037 GATE AVE	BROOKLYN
9211870	106 BAINBRIDGE STREET	106 BAINBRIDGE ST	BROOKLYN
0511508	BATTLE HOME	402A KOSTIUSKO STREET	BROOKLYN
9010251	1157 BROADWAY/BKLYN	1157 BROADWAY	BROOKLYN
0807894	GETTY GAS STATION	10 MALCOM X BLVD	BROOKLYN
1304202	PRIVATE RESD	1111 LAFAYETTE AVE	BROOKLYN
8800334	766 HALSEY ST/BROOKLYN	766 HALSEY STREET	NEW YORK CITY





***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 126** **651 MADISON** **Facility Id: 2-279544** **Source: NYS DEC**  
 651 MADISON ST BROOKLYN, 11201 TT-Id: 640A-0015-337

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 259 feet to the ENE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: 11221

Facility Type: Unknown  
 Site Status: Inactive  
 Expiration Date of the facility's registration certificate: 07/14/1992  
 Operator Name: HOWARD MCMANN  
 Owner Name: -  
 Owner Company: PETER J BURGESS REALTY CORP  
 Owner Address: 140 CADMAN PLAZA WEST, BROOKLYN, NY 11201

Operator Phone #: (718) 875-4050  
 Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
100	Tank Converted to Non-Regulated Use	#2 Fuel Oil	2200	Aboveground - In Contact with Soil			07/01/1994

**Map Identification Number 127** **651 MADISON STREET HDFC** **Facility Id: 2-466735** **Source: NYS DEC**  
 651 MADISON STREET BROOKLYN, 11221 TT-Id: 640A-0015-336

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 259 feet to the ENE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
 Site Status: Active  
 Expiration Date of the facility's registration certificate: 02/15/2014  
 Operator Name: JUDITH FITZGERALD  
 Owner Name: RUTH WARD - PRESIDENT  
 Owner Company: 651 MADISON STREET HDFC  
 Owner Address: 651 MADISON STREET, BROOKLYN, NY 11221

Operator Phone #: (347) 750-8336  
 Owner Type: Corporate or Commercial

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2000	Abovegrnd – In Contact w/Imperv. Barrier	09/10/1992		

**Map Identification Number 128**  **JUNIOR HIGH SCHOOL 324 – BROOKLYN K324** **Facility Id: 2-355704** **Source: NYS DEC**  
 800 GATES AVENUE BROOKLYN, 11221 TT-Id: 640A-0015-332

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 349 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Facility Type: School  
 Site Status: Active  
 Expiration Date of the facility's registration certificate: 06/28/2018  
 Operator Name: PLANT OPERATIONS Operator Phone #: (718) 349-5400  
 Owner Name: -  
 Owner Company: NEW YORK CITY DEPARTMENT OF EDUCATION Owner Type: Local Government  
 Owner Address: 44-36 VERNON BOULEVARD, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	10000	Aboveground on Crib Rack or Cradle	04/22/1976		
The following tank 001 content has been deleted or replaced: #6 Fuel Oil							
002	In Service	#2 Fuel Oil	10000	Aboveground on Crib Rack or Cradle	04/22/1976		
The following tank 002 content has been deleted or replaced: #6 Fuel Oil							
003	Closed – Removed	#2 Fuel Oil	4000	Aboveground on Crib Rack or Cradle	09/20/2010		10/12/2012

**Map Identification Number 129**  **JANE METHODIST** **Facility Id: NY05255** **Source: NYC FIRE DEPT**  
 170 MALCOLM X BLVD BROOKLYN, NY 11221 TT-Id: 660A-0002-781

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 462 feet to the ENE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 3000G

**Map Identification Number 130**  **192-194 MALCOLM X BLVD**  
192-194 MALCOLM X BOULEVARDD

**Facility Id: 2-610973** **Source: NYS DEC**  
BROOKLYN, 11221 TT-Id: 640A-0081-300

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 515 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: 192-194 MALCOLM X BLVD  
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
Site Status: Unregulated/Closed  
Expiration Date of the facility's registration certificate: 08/28/2013  
Operator Name: PINCUS SCHWIMMER  
Owner Name: -  
Owner Company: 192 M-X LLC  
Owner Address: 320 ROEBLING ST #615, BROOKLYN, NY 11211

Operator Phone #: (718) 986-1925

Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	Closed - Removed	#2 Fuel Oil	2000	Abovegrnd - In Contact w/Imperv. Barrier	12/27/1986		12/20/2010

**Map Identification Number 131**  **IRVING CARTER**  
194 MALCOLM X BLVD

**Facility Id: NY05015** **Source: NYC FIRE DEPT**  
BROOKLYN, NY 11221 TT-Id: 660A-0002-737

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 515 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 2000G

**Map Identification Number 132**  **STUYVESANT GARDENS**  
841 GATES AVENUE

**Facility Id: 2-601881** **Source: NYS DEC**  
BROOKLYN, 11221 TT-Id: 640A-0015-331

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 562 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
 Site Status: Unregulated/Closed  
 Expiration Date of the facility's registration certificate: 06/02/2004  
 Operator Name: LUIS PONCE Operator Phone #: (718) 707-5725  
 Owner Name: FUEL OIL REMEDIATION COORD. - FUEL OIL REMEDIATION COORDINATOR  
 Owner Company: NYC HOUSING AUTHORITY Owner Type: NYC Housing Authority (Local Gov)  
 Owner Address: 23-02 49TH AVENUE, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	#2 Fuel Oil	10000	Underground	08/01/1972	07/01/1996	05/01/2000

**Map Identification Number 133** **STUYVESANT GARDENS** **Facility Id: 2-601880** **Source: NYS DEC**  
 875 GATES AVENUE BROOKLYN, 11221 TT-Id: 640A-0014-255

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 623 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
 Site Status: Unregulated/Closed  
 Expiration Date of the facility's registration certificate: 06/02/2004  
 Operator Name: LUIS PONCE Operator Phone #: (718) 707-5725  
 Owner Name: FUEL OIL REMEDIATION COORD. - FUEL OIL REMEDIATION COORDINATOR  
 Owner Company: NYC HOUSING AUTHORITY Owner Type: NYC Housing Authority (Local Gov)  
 Owner Address: 23-02 49TH AVENUE, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	Closed - In Place	#2 Fuel Oil	6000	Underground	08/01/1972	01/01/1991	05/01/2000
001	Temp Out of Service	#1 2 OR 4 FUEL OIL	6000	Underground	08/01/1972	01/01/1991	

The following tank(s) were either deleted from the reported data or the number was re-assigned.



**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 134**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

622 MONROE ST  
SB30619

CON EDISON SERVICE BOX: 30619

622 MONROE ST

BROOKLYN, NY 11221

BROOKLYN, NY 11221

**Facility Id: NYP004477915**

TT-Id: 740A-0106-372

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 116 feet to the NW\*

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 03/25/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 04/25/2014

**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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 135**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

643 MADISON ST  
SB28833

CON EDISON SERVICE BOX: 28833

643 MADISON ST

BROOKLYN, NY 11221

BROOKLYN, NY 11221

**Facility Id: NYP004515177**

TT-Id: 740A-0106-680

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 121 feet to the E\*

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 04/29/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 05/29/2014

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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 136**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004620233  
**NYSDEC Address:** FO 623 MADISON ST BROOKLYN, NY 11221 TT-Id: 740A-1002-306  
 STRUCTURE 28830

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 135 feet to the WSW\*

ADDRESS CHANGE INFORMATION  
 Revised street: 623 MADISON 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
D008	Lead	70	GALLONS	GENERATED	2014		

**Map Identification Number 137**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004430161  
**NYSDEC Address:** OPP 623 MADISON ST BROOKLYN, NY 11221 TT-Id: 740A-0100-654  
 SB28830  
**EPA (RCRA) Name:** CON EDISON SERVICE BOX: 28830  
**EPA (RCRA) Address:** 623 MADISON ST BROOKLYN, NY 11221

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 165 feet to the SW\*

ADDRESS CHANGE INFORMATION  
 Revised street: 623 MADISON 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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 01/30/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 02/28/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 138**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004685244  
**NYSDEC Address:** FRONT OF 620 MONROE STRUCTURE 30619 BROOKLYN, NY 11221 TT-Id: 740A-0132-977

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 187 feet to the NW\*

ADDRESS CHANGE INFORMATION  
 Revised street: IFO 620 MONROE 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
D008	Lead	200	GALLONS	GENERATED	2014		

**Map Identification Number 139**  **NYSDEC Name:** CON ED **Facility Id:** NYP004759189  
**NYSDEC Address:** 620 MONROE STREET SB 30619 BROOKLYN, NY 11221 TT-Id: 740A-0135-927

MAP LOCATION INFORMATION  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 187 feet to the NW\*

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 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
D008	Lead	50	GALLONS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 140**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
219 STUYVESANT AVE  
SB 42016

BROOKLYN, NY 11221

**Facility Id: NYP004589479**  
TT-Id: 740A-1000-696

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 211 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 141**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
OPP 622 MONROE ST  
SB5  
CON EDISON SERVICE BOX: 5  
622 MONROE ST

BROOKLYN, NY 11201

BROOKLYN, NY 11221

**Facility Id: NYP004483947**  
TT-Id: 740A-0107-306

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 217 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 03/31/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 04/30/2014

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
D008	Lead	75	GALLONS	GENERATED	2014		

**Map Identification Number 142**  **NYSDEC Name: CON EDISON** **Facility Id: NYP004494449**  
 NYSDEC Address: 674 MADISON STREET BROOKLYN, NY 11221 TT-Id: 740A-0106-073  
 EPA (RCRA) Name: CON EDISON SERVICE BOX # 28834  
 EPA (RCRA) Address: 674 MADISON ST BROOKLYN, NY 11221

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 236 feet to the SE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 04/09/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 05/09/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 143**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

644 MONROE ST  
SB30624

CON EDISON SERVICE BOX: 30624

644 MONROE ST

BROOKLYN, NY 11201

BROOKLYN, NY 11221

**Facility Id: NYP004424859**

TT-Id: 740A-0100-121

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 237 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 01/24/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 02/24/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 144**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

680 MADISON ST

CON EDISON SERVICE BOX: 28835

680 MADISON AVE

BROOKLYN, NY 11221

BROOKLYN, NY 11221

**Facility Id: NYP004571725**

TT-Id: 740A-1000-528

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 290 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 06/20/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 07/20/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 145**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004522835  
**NYSDEC Address:** FRONT OF 684 MADISON ST BROOKLYN, NY 11221 **TT-Id:** 740A-0107-128  
**EPA (RCRA) Name:** CON EDISON SERVICE BOX: 28835  
**EPA (RCRA) Address:** 684 MADISON ST BROOKLYN, NY 11221

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 313 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: 684 MADISON 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: THOMAS TEELING Source Type: Emergency  
 Contact Name: THOMAS TEELING Source Type: Implementer

Contact Phone: 212-460-3770 Contact Info Date: 05/06/2014  
 Contact Phone: 212-460-3770 Contact Info Date: 06/06/2014

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
D008	Lead	60	GALLONS	GENERATED	2014		

**Map Identification Number 146**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

629 MONROE ST  
SB30420

CON EDISON SERVICE BOX: 30620

629 MONROE ST

BROOKLYN, NY 11201

BROOKLYN, NY 11221

**Facility Id: NYP004483939**

TT-Id: 740A-0106-002

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (4)

Approximate distance from property: 319 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 03/31/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 04/30/2014

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
D008	Lead	75	GALLONS	GENERATED	2014		

**Map Identification Number 147**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

MONROE ST & STUYVESANT AVE

CON EDISON

MONROE ST & STUYVESANT AVE

BROOKLYN, NY 11201

BROOKLYN, NY 11201

**Facility Id: NYP004199527**

TT-Id: 740A-0071-719

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 330 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: MONROE ST /STUYVESANT AVE

Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: DANIEL PONTECORVO

Source Type: Emergency

Contact Phone: 347-203-2573

Contact Info Date: 11/10/2009

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 148**  **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id:** **NYP004199535**  
**NYSDEC Address:** STYVESANT AVE & MONROE ST – MH 2249 BROOKLYN, NY 11201 TT-Id: 740A-0067-833

**MAP LOCATION INFORMATION**  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 330 feet to the WNW

**ADDRESS CHANGE INFORMATION**  
 Revised street: STUYVESANT AVE / MOROE 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
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More than one waste code was reported for the following waste amount:  
 D008 Lead  
 B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.

90 KILOGRAMS GENERATED 2009

**Map Identification Number 149**  **NYSDEC Name:** **CON EDISON** **Facility Id:** **NYP004522014**  
**NYSDEC Address:** 748 PUTNAM AV BROOKLYN, NY 11201 TT-Id: 740A-1000-335  
 SB32228

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 442 feet to the S

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 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	HISTORIC MAXIMUM YEAR
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NONE No hazardous waste activity reported by NYS up to 8/3/2015.

**Map Identification Number 150**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

748 PUTNAM AVE  
SB 32228

CON EDISON SERVICE BOX: 32228

748 PUTNAM AVE

BROOKLYN, NY 11221

BROOKLYN, NY 11221

**Facility Id: NYP004552014**

TT-Id: 740A-1000-369

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 442 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Storer:

Contact Name: THOMAS TEELING

Contact Name: THOMAS TEELING

Receives offsite waste:

Treatment facility:

Source Type: Emergency

Source Type: Implementer

Notification date: None Given

Incinerator:

Transporter:

Contact Phone: 212-460-3770

Contact Phone: 212-460-3770

Contact Info Date: 06/03/2014

Contact Info Date: 07/03/2014

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
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D008	Lead	100	GALLONS	GENERATED	2014		
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**Map Identification Number 151**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
748 PUTNAM AVE  
SB 32228

BROOKLYN, NY 11221

**Facility Id: NYP004556320**  
TT-Id: 740A-1000-400

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 442 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 152**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
779 PUTNAM AVE  
SB 32236

BROOKLYN, NY 11221

**Facility Id: NYP004563318**  
TT-Id: 740A-1000-447

EPA (RCRA) Name:  
EPA (RCRA) Address:

CON EDISON SERVICE BOX: 32236  
779 PUTNAM AVE

BROOKLYN, NY 11221

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 470 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal: Receives offsite waste:  
Storer: Treatment facility:

Notification date: None Given

Incinerator:  
Transporter:

Contact Name: THOMAS TEELING  
Contact Name: THOMAS TEELING

Source Type: Emergency  
Source Type: Implementer

Contact Phone: 212-460-3770  
Contact Phone: 212-460-3770

Contact Info Date: 06/12/2014  
Contact Info Date: 07/12/2014

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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 153**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004622569  
**NYSDEC Address:** 814 GATES AVE BROOKLYN, NY 11221 **TT-Id:** 740A-1000-128  
 STRUCTURE 6993

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (4)  
 Approximate distance from property: 481 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 154**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004661443  
**NYSDEC Address:** 832 GATES AV BROOKLYN, NY 11201 **TT-Id:** 740A-1000-178  
 SB6995

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (4)  
 Approximate distance from property: 481 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 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
D008	Lead	10	GALLONS	GENERATED	2014		

**Map Identification Number 155**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

622 MADISON AVE  
SB 28826

CON EDISON SERVICE BOX: 28826

622 MADISON ST

BROOKLYN, NY 11221

BROOKLYN, NY 11221

**Facility Id: NYP004478251**

TT-Id: 740A-0111-367

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 489 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: 622 MADISON ST

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 03/25/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 04/25/2014

**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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 156**



**NYSDEC Name:**

NYSDEC Address:

**CON EDISON**

OPP 881 GATES AVE  
SB 6995

BROOKLYN, NY 11221

**Facility Id: NYP004601498**

TT-Id: 740A-1002-121

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (4)

Approximate distance from property: 510 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 157**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
OPP 881 GATES AVE  
SB 6995

BROOKLYN, NY

**Facility Id: NYP004706271**  
TT-Id: 740A-0129-648

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (4)  
Approximate distance from property: 510 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 881 GATES AVE  
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
D008	Lead	60	GALLONS	GENERATED	2014		

**Map Identification Number 158**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
778 PUTNAM AV  
SB32232

BROOKLYN, NY 11201

**Facility Id: NYP004732454**  
TT-Id: 740A-0128-459

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 518 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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	HISTORIC MAXIMUM YEAR
D008	Lead	1000	POUNDS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

Map Identification Number 159



NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

CONSOLIDATED EDISON

V#4841 – STUYVEWT GATES

CON ED-VS 4841

STUYVESANT AVE & GATES AVE

QUEENS, NY

BROOKLYN, NY 112010000

Facility Id: NYP004004479

TT-Id: 740A-0064-688

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 531 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: STUYVESANT AVE / GATES AVE

Revised zip code: 11201

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: None Given

Land Disposal:

Receives offsite waste:

Incinerator:

Storer:

Treatment facility:

Transporter:

Contact Name: ANTHONY DRUMMINGS

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 02/28/1998

Contact Name: ANTHONY G DRUMMINGS

Source Type: Annual/Biennial Report

Contact Phone: 212-460-3770

Contact Info Date: 02/26/1998

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
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	330	GALLONS	GENERATED	1997		

**Map Identification Number 160**



**NYSDEC Name:**  
NYSDEC Address:

**CONSOLIDATED EDISON CO**  
V4841 STUYVESANT , NY

**Facility Id: NYP004015392**  
TT-Id: 740A-0015-757

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 531 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: STUYVESANT AVE / GATES AVE  
Revised zip code: 11221

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
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	1027	KILOGRAMS	GENERATED	1998		

**Map Identification Number 161**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
N/E/C GATES AVE & STUYVESANT AVE BROOKLYN, NY 11201  
SB42008

**Facility Id: NYP004505491**  
TT-Id: 740A-0112-582

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 531 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: GATES AVE / STUYVESANT AVE  
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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 162**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
588 MONROE ST  
SB30614

BROOKLYN, NY 11221

**Facility Id: NYP004505087**  
TT-Id: 740A-0106-076

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 534 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
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	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 163**



**NYSDEC Name:**  
NYSDEC Address:  
EPA (RCRA) Name:  
EPA (RCRA) Address:

**NYCHA - STUYVESANT GARDENS**  
835 GATES AVE  
NYCHA - STUYVESANT GARDENS  
835 GATES AVE

BROOKLYN, NY

BROOKLYN, NY 11221

**Facility Id: NYR000051052**  
TT-Id: 740A-0013-992

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 534 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

US EPA RCRA Type: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

Land Disposal: Receives offsite waste:

Storer: Treatment facility:

Contact Name: FRANK OCELLO Source Type: Notification

Notification date: 02/27/1998

Incinerator:

Transporter:

Contact Phone: 212-306-3229 Contact Info Date: 02/27/1998

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
D001	Solid waste that exhibits the characteristic of ignitability	55	GALLONS	GENERATED	2006		
U240	2,4-D, salts & esters	30	GALLONS	GENERATED	1998		

**Map Identification Number 164**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**NYCHA – STUYVESANT HOUSES**

845 GATES AVE

NYCHA – STUYVESANT GARDEN

845 GATES AVE

BROOKLYN, NY 11201

BROOKLYN, NY 11216

**Facility Id: NYR000098566**

TT-Id: 740A-0013-993

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 534 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Contact Name: ANTHONY SOLOMITA

Source Type: Implementer

Contact Name: ANTHONY SOLOMITA

Source Type: Notification

Notification date: 07/02/2001

Incinerator:

Transporter:

Contact Phone: 718-707-5731

Contact Info Date: 01/01/2007

Contact Phone: 718-707-5731

Contact Info Date: 07/02/2001

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
D002	Solid waste that exhibits the characteristic of corrosivity	120	POUNDS	GENERATED	2003		
D002	Solid waste that exhibits the characteristic of corrosivity	160	GALLONS	GENERATED	2001		

**Map Identification Number 165**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

198 MALCOLM X BLVD  
SB32460

CON EDISON SERVICE BOX: 32460

198 MALCOLM X BLVD

BROOKLYN, NY 11201

BROOKLYN, NY 11221

**Facility Id: NYP004488797**

TT-Id: 740A-0106-488

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 539 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 04/03/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 05/03/2014

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
D008	Lead	75	GALLONS	GENERATED	2014		

**Map Identification Number 166**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

659 JEFFERSON ST  
SB21446

CON EDISON SERVICE BOX: 21446

659 JEFFERSON AVE

BROOKLYN, NY 11201

BROOKLYN, NY 11221

**Facility Id: NYP004483913**

TT-Id: 740A-0111-153

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 544 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: 11221

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 03/31/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 04/30/2014

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
D008	Lead	75	GALLONS	GENERATED	2014		

**Map Identification Number 167**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004528147  
**NYSDEC Address:** 659 JEFFERSON AV BROOKLYN, NY 11201 TT-Id: 740A-1000-336

**MAP LOCATION INFORMATION** **ADDRESS CHANGE INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1) Revised street: NO CHANGE  
 Approximate distance from property: 544 feet to the SSE 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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 168**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004528197  
**NYSDEC Address:** 659 JEFFERSON AV BROOKLYN, NY 11201 SB21446 TT-Id: 740A-0106-811

**MAP LOCATION INFORMATION** **ADDRESS CHANGE INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1) Revised street: NO CHANGE  
 Approximate distance from property: 544 feet to the SSE 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
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NONE No hazardous waste activity reported by NYS up to 8/3/2015.

**Map Identification Number 169**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004548475  
 NYSDEC Address: 659 JEFFERSON AVE BROOKLYN, NY 11221 TT-Id: 740A-1000-347  
 EPA (RCRA) Name: CON EDISON SERVICE BOX: 21446  
 EPA (RCRA) Address: 659 JEFFERSON AVE BROOKLYN, NY 11221

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 544 feet to the SSE

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN  
 Land Disposal: Receives offsite waste:  
 Storer: Treatment facility:  
 Contact Name: THOMAS TEELING Source Type: Emergency  
 Contact Name: THOMAS TEELING Source Type: Implementer

Notification date: None Given  
 Incinerator:  
 Transporter:  
 Contact Phone: 212-460-3770 Contact Info Date: 05/30/2014  
 Contact Phone: 212-460-3770 Contact Info Date: 06/30/2014

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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 170**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**

MALCOLMX BLVD & MADISON AVE – MH 28837

CON EDISON

MALCOLM X BLVD & MADISON AVE

BROOKLYN, NY 11201

BROOKLYN, NY 11221

**Facility Id: NYP004185526**

TT-Id: 740A-0067-818

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 554 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: MALCOLM X BLVD / MADISON ST

Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Contact Name: CAROLINE ISKANDER

Source Type: Emergency

Notification date: None Given

Incinerator:

Transporter:

Contact Phone: 718-666-4714 Contact Info Date: 07/23/2009

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
D008	Lead	200	GALLONS	GENERATED	2009		

**Map Identification Number 171**



**NYSDEC Name:**

NYSDEC Address:

**CONSOLIDATED EDISON MH28837**

MH28837 MALCOLM X BLVD & MADISON

BROOKLYN, NY

**Facility Id: NYP004186526**

TT-Id: 740A-0067-896

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 554 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: MALCOLM X BLVD / MADISON ST

Revised zip code: UNKNOWN

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 8/3/2015.						

**Map Identification Number 172**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

589 MADISON STREET  
SERVICE BOX # 28821

CON EDISON SERVICE BOX: 28821

587 MADISON ST

BROOKLYN, NY 11221

BROOKLYN, NY 11221

**Facility Id: NYP004476511**

TT-Id: 740A-0106-358

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 567 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 03/24/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 04/24/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 173**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

677 JEFFERSON AVE  
SB21447

CON EDISON SERVICE BOX: 21447

677 JEFFERSON AVE

BROOKLYN, NY 11217

BROOKLYN, NY 11221

**Facility Id: NYP004430088**

TT-Id: 740A-0100-174

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 581 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 01/30/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 02/28/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 174**  **NYSDEC Name:** CON EDISON  
**NYSDEC Address:** 790 PUTNAM AVE BROOKLYN, NY 11221 **Facility Id:** NYP004747465  
 SB 32233 TT-Id: 740A-0128-669

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 584 feet to the SE

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 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
D008	Lead	500	POUNDS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 175**  **NYSDEC Name:** CON EDISON  
**NYSDEC Address:** FO 267 STUYVESANT AVE BROOKLYN, NY 11221 **Facility Id:** NYP004582953  
 STRUCTURE 42027 TT-Id: 740A-1001-976

**MAP LOCATION INFORMATION**  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 593 feet to the SSW

**ADDRESS CHANGE INFORMATION**  
 Revised street: 267 STUYVESANT AVE  
 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	HISTORIC MAXIMUM YEAR
D008	Lead	70	GALLONS	GENERATED	2014		

Map Identification Number 176



NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

CON EDISON

OPP 885 GATES AVE  
SB6996

CON EDISON SERVICE BOX: 6996

885 GATES AVE

BROOKLYN, NY 11201

BROOKLYN, NY 11221

Facility Id: NYP004485603

TT-Id: 740A-0107-310

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 601 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Name: THOMAS TEELING

Source Type: Implementer

Notification date: None Given

Incinerator:

Transporter:

Contact Phone: 212-460-3770

Contact Phone: 212-460-3770

Contact Info Date: 04/01/2014

Contact Info Date: 05/01/2014

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
D008	Lead	75	GALLONS	GENERATED	2014		

**Map Identification Number 177**



**NYSDEC Name:**

NYSDEC Address:  
EPA (RCRA) Name:  
EPA (RCRA) Address:

**CON EDISON**

FRONT OF 649 JEFFERSON AVE  
CON EDISON SERVICE BOX: 21445  
649 JEFFERSON AVE

BROOKLYN, NY 11201

BROOKLYN, NY 11221

**Facility Id: NYP004432423**

TT-Id: 740A-0100-665

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 604 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: 649 JEFFERSON AVE  
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal: Receives offsite waste:

Storer: Treatment facility:

Contact Name: THOMAS TEELING

Contact Name: THOMAS TEELING

Source Type: Emergency

Source Type: Implementer

Notification date: None Given

Incinerator:

Transporter:

Contact Phone: 212-460-3770

Contact Phone: 212-460-3770

Contact Info Date: 02/03/2014

Contact Info Date: 03/03/2014

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
D008	Lead	60	GALLONS	GENERATED	2014		

**Map Identification Number 178**



**NYSDEC Name:**

NYSDEC Address:

**CON EDISON**

FO 825 GATES AVE  
SB 6981

BROOKLYN, NY 11221

**Facility Id: NYP004635031**

TT-Id: 740A-1002-433

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 616 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: 825 GATES AVE  
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
D008	Lead	40	GALLONS	GENERATED	2014		

**Map Identification Number 179**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
716 PUTNAM AV  
SB32225

BROOKLYN, NY 11201

**Facility Id: NYP004531976**  
TT-Id: 740A-0106-860

EPA (RCRA) Name: CON EDISON SERVICE BOX: 32225  
EPA (RCRA) Address: 716 PUTNAM AVE

BROOKLYN, NY 11233

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 617 feet to the SW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal: Receives offsite waste:  
Storer: Treatment facility:

Notification date: None Given

Incinerator:  
Transporter:

Contact Name: THOMAS TEELING Source Type: Emergency  
Contact Name: THOMAS TEELING Source Type: Implementer

Contact Phone: 212-460-3770 Contact Info Date: 05/14/2014  
Contact Phone: 212-460-3770 Contact Info Date: 06/14/2014

**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
D008	Lead	150	GALLONS	GENERATED	2014		

**Map Identification Number 180**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
173 MALCOLM X BLVD  
SB32464

BROOKLYN, NY 11201

**Facility Id: NYP004512042**  
TT-Id: 740A-0106-654

EPA (RCRA) Name: CON EDISON SERVICE BOX: 32464  
EPA (RCRA) Address: 173 MALCOLM X BLVD

BROOKLYN, NY 11221

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 618 feet to the E

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal: Receives offsite waste:  
Storer: Treatment facility:

Notification date: None Given

Incinerator:  
Transporter:

Contact Name: THOMAS TEELING Source Type: Emergency  
Contact Name: THOMAS TEELING Source Type: Implementer

Contact Phone: 212-460-3770 Contact Info Date: 04/25/2014  
Contact Phone: 212-460-3770 Contact Info Date: 05/25/2014

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
D008	Lead	80	GALLONS	GENERATED	2014		

**Map Identification Number 181**  **NYSDEC Name:** CON EDISON  
**NYSDEC Address:** 173 MALCOLMX BLVD BROOKLYN, NY 11201 **Facility Id:** NYP004658563  
 SB32464 TT-Id: 740A-0121-497

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 618 feet to the E

ADDRESS CHANGE INFORMATION  
 Revised street: 173 MALCOLM X BLVD  
 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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 182**  **NYSDEC Name:** CON EDISON  
**NYSDEC Address:** 693 JEFFERSON AVE BROOKLYN, NY 11221 **Facility Id:** NYP004737102  
 SB 21451 TT-Id: 740A-0128-510

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 621 feet to the SE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 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
D008	Lead	50	GALLONS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

Map Identification Number 183



NYSDEC Name:  
NYSDEC Address:

**CON EDISON**  
693 JEFFERSON AVE  
SB 21451

BROOKLYN, NY 11221

Facility Id: **NYP004775185**  
TT-Id: 740A-0136-208

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 621 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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
D008	Lead	50	GALLONS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 184**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

F/O 664 JEFFERSON AVE

STRUCTURE 21449

CON EDISON SERVICE BOX: 21449

664 JEFFERSON AVE

BROOKLYN, NY 11221

BROOKLYN, NY 11216

**Facility Id: NYP004477683**

TT-Id: 740A-0112-869

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 650 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: IFO 664 JEFFERSON AVE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 03/25/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 04/25/2014

**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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 185**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CONSOLIDATED EDISON**

MALCOLM X BLVD & PUTNAM AVE – MH 63308

CON EDISON

MALCOLM X BLVD & PUTNAM AVE

MH 63308

BROOKLYN, NY 11201

BROOKLYN, NY 11201

**Facility Id: NYP004201778**

TT-Id: 740A-0071-797

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 651 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: MALCOLM X BLVD / PUTNAM AVE

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: HERMAN BAKER

Source Type: Emergency

Contact Phone: 718-267-3853

Contact Info Date: 02/04/2010

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:		650	KILOGRAMS	GENERATED	2010		
D008	Lead						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						

**Map Identification Number 186**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004614640  
**NYSDEC Address:** MALCOLM X BLVD & PUTNAM AVE BROOKLYN, NY 11221 **TT-Id:** 740A-1000-117  
 MH 63308

**MAP LOCATION INFORMATION**  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 651 feet to the ESE

**ADDRESS CHANGE INFORMATION**  
 Revised street: MALCOLM X BLVD / PUTNAM AVE  
 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
D008	Lead	150	GALLONS	GENERATED	2014		

**Map Identification Number 187**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004480786  
**NYSDEC Address:** 825 GATES AVE BROOKLYN, NY 11238 **TT-Id:** 740A-0106-391  
 SB 6981  
**EPA (RCRA) Name:** CON EDISON SERVICE BOX: 6981  
**EPA (RCRA) Address:** 825 GATES AVE BROOKLYN, NY 11238

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 657 feet to the NW

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 03/27/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 04/27/2014

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
D008	Lead	75	GALLONS	GENERATED	2014		

**Map Identification Number 188**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004642120  
**NYSDEC Address:** 825 GATES AV BROOKLYN, NY 11213 TT-Id: 740A-1001-032  
 SB6981

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 657 feet to the NW

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 189**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004657433  
**NYSDEC Address:** 825 GATES AV BROOKLYN, NY 11221 TT-Id: 740A-1001-094  
 SB6981

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 657 feet to the NW

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 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
D008	Lead	40	GALLONS	GENERATED	2014		

**Map Identification Number 190**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
825 GATES AV  
6981

BROOKLYN, NY 11201

**Facility Id: NYP004696431**  
TT-Id: 740A-0128-114

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 657 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

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
D008	Lead	150	GALLONS	GENERATED	2014		



***NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***



***NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO AIR DISCHARGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS***


**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 191**
**BLOCK: 1641 LOT: 67**  
 635 MADISON STREET

**TT-Id: 820A-0002-110**

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 27 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
3-01641-0067	E-185	07DCP070K	070447ZMK	16c 17a	10/29/2007		Window Wall Attenuation & Alternate Ventilation

**Map Identification Number 192**
**BLOCK: 1641 LOT: 65**  
 639 MADISON STREET

**TT-Id: 820A-0002-109**

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 61 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
3-01641-0065	E-185	07DCP070K	070447ZMK	16c 17a	10/29/2007		Window Wall Attenuation & Alternate Ventilation

**Map Identification Number 193** **BLOCK: 1646 LOT: 13**  
 652 MADISON STREET

**TT-Id: 820A-0002-112**

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 177 feet to the SSW\*

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
3-01646-0013	E-185	07DCP070K	070447ZMK	16c 17a	10/29/2007		Window Wall Attenuation & Alternate Ventilation

**Map Identification Number 194** **BLOCK: 1646 LOT: 11**  
 650 MADISON STREET

**TT-Id: 820A-0002-111**

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 202 feet to the SSW

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
3-01646-0011	E-185	07DCP070K	070447ZMK	16c 17a	10/29/2007		Window Wall Attenuation & Alternate Ventilation

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS  
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF  
633 Madison Street  
Brooklyn, NY 11221

\* 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

NEW YORK STATE DEPARTMENT OF HEALTH RADON DATA  
FOR THE ZIPCODE OF:  
11221

NUMBER OF HOMES TESTED  
1

AVERAGE FOR THE ZIP  
0.60 PCI/LITER

STANDARD DEVIATION  
1.00 PCI/LITER

MAXIMUM READING FOR THE ZIP  
0.6 PCI/LITER

Unmappable facilities for 'Kings' County

NPL/CERCLIS/NYSDEC Inactive Haz. Waste or Reg. Qual. Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
224020	DESIGNERS WOODCRAFT	224020 DESIGNERS WOODCRAFT		UNKNOWN
224039	NJZ COLORS	224039 NJZ COLORS	BROOKLYN	UNKNOWN
NYD980531628	WILLIAM HARVEY CORP	UNKNOWN	BROOKLYN	UNKNOWN

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
24D05	EMPIRE MILL DEMO			UNKNOWN
24M01	ASHMONT METALS RES.REC.			UNKNOWN
24T13	NY CROSS HARBOR RR			UNKNOWN
24T55	CARDELLA TRUCKING			UNKNOWN
24T75	ROBERT BOLOGNA WCTB INC.			UNKNOWN
24TA8	U.S. COAST LINE, INC.			UNKNOWN
24TA9	NY CROSS HARBOR RR CORP.			UNKNOWN
24TB3	J. WISE EXCAVATING			UNKNOWN
24Y81	NYCDPR YARD WASTE COMPOST			UNKNOWN
		RALPH AVE.	BROOKLYN	UNKNOWN
NY00000001681	BIG EXCAVATING & DEMO	UNKNOWN	UNKNOWN	UNKNOWN

Hazardous Waste Treater, Storer, or Disposal Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYD981560972	WOODHULL HOSPITAL	760 FLUSHING AVE	BROOKLYN	11206

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1305804	STRUCTURE	DEKALB AVE	BROOKLYN	UNKNOWN
0308367	AGUANA SUBSTATION	104-27 STREET	BROOKLYN	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8607075	SPILL NUMBER 8607075			UNKNOWN
9313502	1782 GLEASON AVE	1782 GLEASON AVE	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
8802622	85-09 1ST AVENUE	85-09 1ST AVENUE	NEW YORK CITY	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	SPILL NUMBER 9213773			UNKNOWN
8603146	SPILL NUMBER 8603146			UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
9912359	BOX 20341	715 PAHALEY ST	BROOKLYN	UNKNOWN
9907077	MANHOLE 58390	NECKING LAND AVE	BROOKLYN	UNKNOWN
9903270	VAULS VS3031	E SIDE OF GATES AVE	BROOKLYN	UNKNOWN
9901523	BROWNING FERRIS INDUSTRIE	115 CANGNEF STREET ?	BROOKLYN	UNKNOWN
9815288	MANHOLE 14244	29-39 HAYWOOD ST	BROOKLYN	UNKNOWN
9813982	SERVICE BOX 49009	SERVICE BOX 49009	BROOKLYN	UNKNOWN
9812837	MANHOLE 65847	SOUTHSIDE MACON ST	BROOKLYN	UNKNOWN
9812720	SPILL NUMBER 9812720	2929 BAINBRIDGE AVE	BROOKLYN	UNKNOWN
9810180	MANHOLE #2300	SW CORNER LAFAYETTE AVE	BROOKLYN	UNKNOWN
9801951	432 DRAKES AVE CORP	432 DRAKES AVE	BROOKLYN	UNKNOWN

9604170	STAPLETON ACERAGE	NEW YORK HARBOR	BROOKLYN	UNKNOWN
9503484	BQE - SOUTH LIE BRIDGE	BROOKLYN QUEENS EXPRESSWAY - SOUTH LIE B	BROOKLYN	UNKNOWN
9412310	217 HYLAND ST	217 HYLAND ST	BROOKLYN	UNKNOWN
9312482	NAVESINK RIVER CHANNEL #7	NAVESINK RIVER CHANNEL #7	BROOKLYN	UNKNOWN
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
9203970	MALCOLM X BLVD & PATCHEAN	MALCOLM X BLVD	BROOKLYN	UNKNOWN
9203804	BROADWAY	BROADWAY	BROOKLYN	UNKNOWN
9004558	GUID AVE BRIDGE/BKLYN	GUID AVE BRIDGE	BROOKLYN	UNKNOWN
8704318	SPILL NUMBER 8704318		BROOKLYN	UNKNOWN
8504687	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	SPILL NUMBER 7900928		BROOKLYN	UNKNOWN
1407252	BYPASS	6700 SHAW ROAD PARKWAY	BROOKLYN	UNKNOWN
0901698	MANHOLE 32994	21ST ST 4TH	BROOKLYN	UNKNOWN
0813358	APARTMENTS	9TH ST	BROOKLYN	UNKNOWN
0808978	2035 MAN HOLE	QUINCY STREET	BROOKLYN	UNKNOWN
0805122	MANHOLE 72	ROEBLING STREET	BROOKLYN	UNKNOWN
0803914	LAFARGE CEMENT CO	UNKNOWN	BROOKLYN	UNKNOWN
0801878	BARGE INLAND SEAS	SOUTH OF JFK/HUDSON RIVER- BUOY 23	BROOKLYN	UNKNOWN
0711377	3424 CLINTON ROAD	3424 CLINTON ROAD	BROOKLYN	UNKNOWN
0602324	PRIVATE HIOME	2664 EAST 34TH STREET	BROOKLYN	UNKNOWN
0505859	TRUCK SADDLE TANK	760 BROADWAY	BROOKLYN	11206
0410681	TRANFORMER VAULT #TM993	SUMNER AVE. AND DEKALB	BROOKLYN	UNKNOWN
0410369	RESIDENCE	57 BRAND STREET	BROOKLYN	UNKNOWN
0409872	1231 28TH STREET	1231 28TH STREET	BROOKLYN	UNKNOWN
0405797	VAULT #VS-7930	3411 JUIEER AVE	BROOKLYN	UNKNOWN
0405023	VAULT # 3182	DEBEVOIST PLACE/LAFAYETTE	BROOKLYN	UNKNOWN
0400597	CON ED MANHOLE#65848	MACON STREET	BROOKLYN	UNKNOWN
0313741	MANHOLE 65796	SOUTHSIDE MACON ST	BROOKLYN	UNKNOWN
0312773	SUBWAY SYSTEM-A LINE	TRACK A-3- COLUMN 792	BROOKLYN	UNKNOWN
0310941	MANHOLE 32221 FRONT OF	298 HAWKSIDE AVE	BROOKLYN	UNKNOWN
0307315	TM 0610	BRIGHTON CT & 7TH ST	BROOKLYN	UNKNOWN
0211422	MAN HOLE # 64501	GREEN AVE	BROOKLYN	UNKNOWN
0211077	ALL OVER BROOKLYN	ALL OVER BROOKLYN	BROOKLYN	UNKNOWN
0106242	SPILL NUMBER 0106242	69TH ST/THE NARROWS	BROOKLYN	UNKNOWN
0010902	MANHOLE #61600	WEST SERVICE RD TO BQE	BROOKLYN	UNKNOWN
0006931	MANHOLE 50429	SIMMONS AVE/7TH AVE	BROOKLYN	UNKNOWN
9904431	SPILL NUMBER 9904431	FLUSHING/QUARTER AVE	MANHATTAN	UNKNOWN
0608270	NEW YORK HAVOR	BAYRIDGE FLATS	NEW YORK	UNKNOWN
0508906	GRAVESEND BAY	7-10 MI OFF SHORE	NEW YORK	UNKNOWN
9103671	145 UNEDON ROAD/BKLYN	145 UNEDON ROAD	NEW YORK CITY	UNKNOWN
9100710	PRESIDENT STA/EASTERN PKW	N OF PRESIDENT STA/E PKWY	NEW YORK CITY	UNKNOWN
9206476	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
8504666	UNK	UNKNOWN	UNKNOWN	UNKNOWN
9712672	SPILL NUMBER 9712672	SEAWAY SERVICE STATION, R	WAYLAND	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
9914811	POLE #18923	MANOR RD/HOLLYWOOD AVE	BROOKLYN	UNKNOWN
9907586	VAULT 2488	45 DEBEVOISE PLACE	BROOKLYN	UNKNOWN
9610216	RALPH 2 UNIT SUBSTATION	RALPH AVE ??	BROOKLYN	UNKNOWN

9608869	240 SECOND ST & CROSS HARBOR	240 2ND ST & BROADWAY BOX 182	BROOKLYN	UNKNOWN
9602674	FEEDER 702	SECTION 1,4 AND 5	BROOKLYN	UNKNOWN
9601333	FEEDER 701 SEC 1,4 AND 5	HUDSON AVE TO MH-55913	BROOKLYN	UNKNOWN
9601332	DRIVER SERVICES CO	172 CARSON AVE	BROOKLYN	UNKNOWN
9510467	PERGAMENT STORES	57 65TH AVE	BROOKLYN	UNKNOWN
9508762	N. ELEANOR PL/WILLIAMBURG	MANHOLE #55915/ELEANOR PL	BROOKLYN	UNKNOWN
9505269	3147 BROADWAY	3147 BROADWAY	BROOKLYN	UNKNOWN
9502935	531 144TH STREET	531 144TH STREET	BROOKLYN	UNKNOWN
9409670	LAFAYETTE AVE	LAFAYETTE AVE	BROOKLYN	UNKNOWN
9402798	GATES AVENUE	GATES AVENUE	BROOKLYN	UNKNOWN
9400526	JAMAICA REGULATOR #3	JAMAICA REGULATOR #3	BROOKLYN	UNKNOWN
9308950	HILLARY STREET	HILLARY STREET	BROOKLYN	UNKNOWN
9307209	1604 LOTS 28 & 37-44 PLUS	1604 LOTS 28 & 37-44 PLUS	BROOKLYN	UNKNOWN
9304944	1149 SLAVEY AVENUE	1149 SLAVEY AVENUE	BROOKLYN	UNKNOWN
9213983	2110 BOLTON STREET	2110 BOLTON STREET	BROOKLYN	UNKNOWN
9210698	LYNROCK NURSING HOME	LYNROCK NURSING HOME	BROOKLYN	UNKNOWN
9207289	909 AVE G	909 AVE G	BROOKLYN	UNKNOWN
9205306	280 ELDRIDGE ST	280 ELDRIDGE ST	BROOKLYN	UNKNOWN
9203867	CHEVRON STATION / BROOKLYN	CHEVRON/DRUM	BROOKLYN	UNKNOWN
8607666	SPILL NUMBER 8606856		BROOKLYN	UNKNOWN
8606856	DRUM RUN	6637 WILLIAMS AVE	BROOKLYN	UNKNOWN
1308747	WATER	REDHOOK FLATS	BROOKLYN	UNKNOWN
1307940	DRUM RUN	276 STANLEY AVE	BROOKLYN	UNKNOWN
1305701	INTERSECTION OF	SEAVIEW AVE / SKIN ST	BROOKLYN	UNKNOWN
1303221	POLE 41239	EAST 49TH STREET	BROOKLYN	UNKNOWN
1302260	SVOC'S AT DEVELOPMENT SITE	340 GATEWAY DRIVE	BROOKLYN	UNKNOWN
1216620	ROADWAY SPILL	GARRISON BEACH ST/LOUIS AVE	BROOKLYN	UNKNOWN
1216238	SUB GOWANUS SUB STATION	23TH ST	BROOKLYN	UNKNOWN
1213881	TRANS VAULT 6531	CLARK ST AND 6TH ST	BROOKLYN	UNKNOWN
1213724	BASEMENT	36 PARGETHE STREET	BROOKLYN	UNKNOWN
1211499	NYC TRANSIT SPILL ON TRACK	MONTAQUE RAIL STATION IN TUBE	BROOKLYN	UNKNOWN
1209854	BROOKLYN	ALL STREETS	BROOKLYN	UNKNOWN
1209775	SANDY FOLLOW UP	MARGINEL STREET	BROOKLYN	UNKNOWN
1208189	NYC TRANSIT BUS	DECATUR AVE AND 4TH AVE	BROOKLYN	UNKNOWN
1207421	STREET	WHIKOSS AVE	BROOKLYN	UNKNOWN
1207169	ON ROAD (BUS #6493)	FRESH POND RD AND 6TH AVE	BROOKLYN	UNKNOWN
1206293	MANHOLE #60674	DEKALB AVE	BROOKLYN	UNKNOWN
1202805	BROOKLYN CRUISE TERMINAL	BROOKLYN CRUISE TERMINAL	BROOKLYN	UNKNOWN
1201439	HESS TERMINAL	CORTEZ RD AND CLAYTON ST	BROOKLYN	UNKNOWN
1200646	DEP CONSTRUCTION SITE	1887 RALPH AVE	BROOKLYN	UNKNOWN
1113535	PORT NY/NJ	PORT	BROOKLYN	UNKNOWN
1113411	NYS TRANSIT FACILITY	1500 LINDEN BLVD	BROOKLYN	UNKNOWN
1110887	POLE # 62699	2715 ROUND ST	BROOKLYN	UNKNOWN
1101447	ROADWAY	WASHINGTON PLAZA	BROOKLYN	UNKNOWN
1012925	ROADWAY	WASHINGTON PLAZA	BROOKLYN	UNKNOWN
1009644	221422; S NY AVE	S NY AVE	BROOKLYN	UNKNOWN
1009088	GOWANUS BAY/US POWER GEN	420 AND 2END AVE	BROOKLYN	UNKNOWN
1008141	TO ROADWAY	ATLANTIC AND 127TH ST	BROOKLYN	UNKNOWN
1007934	HYDRAULIC OIL LINE LEAK	BELT PARKWAY	BROOKLYN	UNKNOWN
1006459	UNDERGROUND TRANSFORMER VAULT #2705	49-59 DEBEVOISE PLACE	BROOKLYN	UNKNOWN
1005877	ON ROADWAY	ON BQE BETWEEN	BROOKLYN	UNKNOWN
1002941	219027; 86 STREET AND 17 STREET	86 STREET AND 17 STREET	BROOKLYN	UNKNOWN
0914587	218248; YORK STREET AND GREEN LANE	YORK STREET AND GREEN LANE	BROOKLYN	UNKNOWN
0914424	REGULATOR OH-6	BROOKLYN ARMY TERMINAL	BROOKLYN	UNKNOWN
0912508	HTV 5534	LIRR TRAIN YARD/ATLANTIC AVE PACIFIC ST	BROOKLYN	UNKNOWN
0906724	WEST SIDE OF SCHENECTADY AVE	WEST SIDE OF SCHENECTADY AVE	BROOKLYN	UNKNOWN
0811729	DRUM RUN	RYERSON AVE	BROOKLYN	UNKNOWN
0808967	BROOKLYN CRUISE TERMINAL	1 CRUIZE WAY	BROOKLYN	UNKNOWN
0807442	MANHOLE #724	YORK ST/ GREEN LANE	BROOKLYN	UNKNOWN
0805706				

0712922	BREE AVE AND BRIGGS AVE	BREE AVE AND BRIGGS AVE	BROOKLYN	UNKNOWN
0706451	ONE PINT FROM AERIAL XFMR ON POLE	IN FRONT OF 230-50 EDGEWOOD AVE	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
0602085	NYC DEPT SANITATION	1824 SHORE PARKWAY	BROOKLYN	UNKNOWN
0511386	MANHOLE 66088	WEST SIDE ALABAMA AVE	BROOKLYN	11207
0508865	GOWANAS EXPRESSWAY	MEDIAN MILE 3RD/6TH EXIT	BROOKLYN	UNKNOWN
0506320	MANHOLE 3223	MACON ST. 20 FT WEST OF M	BROOKLYN	UNKNOWN
0503928	MANHOLE 23700	PALISADES AVE	BROOKLYN	UNKNOWN
0409645	BUS	ROCKLAND/UTICA	BROOKLYN	UNKNOWN
0406859	BUS #8401	GATES/UTICA AVE	BROOKLYN	UNKNOWN
0405408	BROOKLYN QUEENS EXPRSS.	WEST BOUND/BAYRIDGE EXIT	BROOKLYN	UNKNOWN
0402577	ON THE ROADWAY	BAYRIDGE/COLONIE RD	BROOKLYN	11209
0400281	MANHOLE#66064	37TH STREET	BROOKLYN	UNKNOWN
0312499	VAULT # 56517	PALUSKI STREET	BROOKLYN	UNKNOWN
0307966	SPILL NUMBER 0307966	QUEENS CO. HOSPITAL	BROOKLYN	UNKNOWN
0210185	11TH ST YARD	11TH ST	BROOKLYN	UNKNOWN
0207970	OPPOSITE	1630 SEMARKS AVE	BROOKLYN	UNKNOWN
0104610	CORONA YARD	UNKNOWN	BROOKLYN	UNKNOWN
0101158	VERIZON	30 MYTRLE ST	MANHATTAN	UNKNOWN
0814187	211097; NASSAU ST AND NASSAU PL	NASSAU ST AND NASSAU PL	NEW YORK	UNKNOWN
8901733	6TH ST & 27TH ST/BKLYN	6TH STREET & 27TH STREET	NEW YORK CITY	UNKNOWN
8810118	BLDG 3 SUB STATION/BKLYN	BLDG 3 SUB STATION	NEW YORK CITY	UNKNOWN
0814069	AMBROSE CHANNEL LOWER BAY	UNK	NEW YORK CITY	UNKNOWN

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-237280	1160 REALTY CO	1160 REALTY CO	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
NYP000788471	USEPA	ERRD	BROOKLYN	UNKNOWN
NYP000928846	CONSOLIDATED EDISON	MH 64217-BROOKLYN GRAND	BROOKLYN	UNKNOWN
NYP004007589	CONSOLIDATED EDISON	MH2082372-MADISON ST	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
NYP004182911	CONSOLIDATED EDISON MH8843	MH 884390 90 ROSS ST	BROOKLYN	UNKNOWN
NYP004183331	CONSOLIDATED EDISON MH42983	MH42983 323 TANAKING AVE	BROOKLYN	UNKNOWN
NYP004185484	CONSOLIDATED EDISON	798 MALCOLM BLVD - MH 63308	BROOKLYN	UNKNOWN
NYP004192154	CONSOLIDATED EDISON MH27077	MH27077	BROOKLYN	UNKNOWN
NYP004198099	CONSOLIDATED EDISON	F/O 1802 & 1809 AVE & 618 ST	BROOKLYN	UNKNOWN
NYP004473050	CON EDISON	108 WALLEEN ST	BROOKLYN	UNKNOWN
NYP004482196	CON EDISON	OPP 533 & MALCOM ST	BROOKLYN	UNKNOWN
NYR000155242	NYCT - J LINE BENTS J608B TO J1028B	GATES AVE & BROADWAY TO ELDERT LANE & JA	BROOKLYN	11221
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYP004022208	CONSOLIDATED EDISON	V5720-GATES AVE	NEW YORK	UNKNOWN
NYP004141438	CONSOLIDATED EDISON	4 IRIVNG PL RM 828	NEW YORK	UNKNOWN

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
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**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.
- B003 Petroleum oil or other liquid containing 500 ppm or greater of PCBs.
- 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.
- D008 Lead
- U240 2,4-D, salts & esters

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

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.

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

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.

or Manual Mapping

or Site Visit

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.<sup>1</sup>  
Data attributes updated from: 5/28/2015. Data obtained by Toxics Targeting: 5/28/2015.  
New Facilities updated through: 5/28/2015. Data obtained by Toxics Targeting: 5/28/2015.

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.<sup>2</sup>  
Data attributes updated through: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.  
New Facilities updated to: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.

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 Agency<sup>1</sup>  
Data attributes updated through: 8/13/2015. Data obtained by Toxics Targeting: 8/13/2015.  
New facilities updated through: 5/12/2015. Data obtained by Toxics Targeting: 5/14/2015.

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.<sup>1</sup>  
Data attributes updated through: 10/25/2013. Data obtained by Toxics Targeting: 1/7/2014.  
New Facilities updated through: 10/25/2013. Data obtained by Toxics Targeting: 1/7/2014.

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.<sup>2</sup>  
Data attributes updated through: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.  
New Facilities updated to: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.

- (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.<sup>2</sup>  
Data updated to: 4/1/2013. Data obtained by Toxics Targeting: 4/1/2013.

(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 Division of Environmental Remediation 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.<sup>2</sup>

New facilities updated through: 8/3/2015. New facilities obtained by Toxics Targeting: 8/14/2015.  
Manifest transactions data updated to: 8/3/2015. Manifest transactions data obtained by Toxics Targeting: 8/14/2015.

(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 Agency<sup>1</sup>

New facilities updated through: 8/13/2015.

Data obtained by Toxics Targeting: 8/13/2015.

Data attributes updated through: 8/13/2015.

Data obtained by Toxics Targeting: 8/13/2015.

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.<sup>2</sup>

New spills through: 7/30/2015

New spills data obtained by Toxics Targeting: 7/30/2015

Spill attribute data through: 7/30/2015

Spill attribute data obtained by Toxics Targeting: 7/30/2015

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.<sup>2</sup>

Data updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

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.<sup>2</sup>

New facilities updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

Tank data updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

(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 Division of Environmental Remediation pursuant to New York State Law. ASTM required.\* Fannie Mae required.\*\* Source: New York State Department of Environmental Conservation.<sup>2</sup>

New facilities updated through: 4/28/2015.

New facilities obtained by Toxics Targeting: 5/18/2015.

Manifest transactions data updated to: 8/03/2015.

Manifest transactions data obtained by Toxics Targeting: 8/14/2015.

(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 Agency<sup>1</sup>

New facilities updated through: 5/12/2015.

Data obtained by Toxics Targeting: 5/14/2015.

Data attributes updated through: 8/13/2015.

Data obtained by Toxics Targeting: 8/13/2015.

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.<sup>2</sup>

Data updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

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.<sup>2</sup>

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.<sup>1</sup> / NYS Department of Environmental Conservation<sup>2</sup>

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.<sup>1</sup>

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 Agency<sup>1</sup>

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.<sup>1</sup>

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.

Data updated through: 4/28/2015.

Source: New York City Department of Planning<sup>3</sup>

Data obtained by Toxics Targeting: 5/24/2015.

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.

Data updated through: 1/31/2000.

Source: U. S. Environmental Protection Agency.<sup>1</sup>

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.<sup>2</sup>

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).

<sup>1</sup>U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

<sup>2</sup>NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

<sup>3</sup>New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

# **T**OXICS TARGETING

## **PHASE I**

# **ENVIRONMENTAL DATABASE REPORT**

**461-463 TOMPKINS AVENUE  
BROOKLYN, NY 11216**

**AUGUST 19, 2015**

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

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- *Map Three: Eighth-Mile Radius Map*
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- *Map Five: Tax Parcel Map*
- *Table Five: Tax Parcel Map Information Table*

**Section Two: Toxic Site Profiles**

**Section Three: Appendices**

- *USEPA ERNS Check*
- *NY Dept of Health Radon 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)** NY Dept. of Health Radon Data by zipcode, **3)** various toxic sites that cannot be mapped due to incomplete or erroneous addresses or other mapping problems, **4)** codes that characterize hazardous wastes reported at various facilities, **5)** methods used to map toxic sites identified in your report and **6)** information sources used in your report.

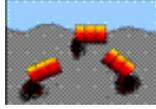
## ***How to Use Your Report***

- 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*

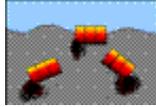
## Search Radius

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



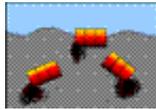
2) ***Delisted National Priority List Sites***: a listing of NPL sites that have been removed from the National Priority List.

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



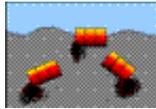
4) ***New York Inactive Hazardous Waste Disposal Site Registry Qualifying***: a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile



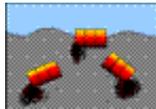
5) ***RCRA Corrective Action Activity (CORRACTS)***: waste facilities with RCRA corrective action activity reported by the USEPA.

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



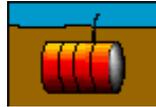
13) ***New York State Major Oil Storage Facilities:*** sites with more than a 400,000 gallon capacity for storing petroleum products.

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



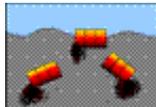
17) ***New York Chemical Bulk Storage Facilities:*** sites storing hazardous substances listed in 6 NYCRR Part 597 in aboveground tanks with capacities of 185 gallons or more and/or underground tanks of any size

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
<b>ASTM-Required 1 Mile Search</b>						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	0	0	0	0
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
<b>ASTM-Required 1/2 Mile Search</b>						
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	0	0	0	Not searched	0
<b>Brownfields Sites</b>						
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
<b>NYS Toxic Spills</b>						
Active Tank Failures	0	0	0	0	Not searched	0
Active Tank Test Failures	0	0	0	0	Not searched	0
Active Spills – Unknown / Other Causes	0	2	2	1	Not searched	5
Active Spills – Miscellaneous Causes	0	0	0	3(4)	Not searched	3(4)
Closed Tank Failures	0	1	1	8	Not searched	10
Closed Tank Test Failures	0	0	0	7	Not searched	7
Closed Spills – Unknown / Other Causes	0	5	26	66	Not searched	97
Closed Spills – Miscellaneous Causes	0	8	5(20)	17(86)	Not searched	30(106)
<b>ASTM-Required Property &amp; Adjacent Property (1/8 Mile Search)</b>						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	0	12	Not searched	Not searched	Not searched	12
RCRA Hazardous Waste Generators & Transporters	1	30	Not searched	Not searched	Not searched	31
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
<b>ASTM-Required On-Site Only Search</b>						
NYC Environmental Quality Review Requirements ("E") Sites*	0	0	Not searched	Not searched	Not searched	0
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.					
<b>ASTM-Required Databases Distance Interval Totals</b>	<b>1</b>	<b>58</b>	<b>34(20)</b>	<b>102(90)</b>	<b>0</b>	<b>195(110)</b>

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	0	0	0	Not searched	0

**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	2	Not searched	Not searched	Not searched	2
Civil & Administrative Enforcement Docket Facilities	0	0	Not searched	Not searched	Not searched	0

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<b>Non-ASTM Databases Distance Interval Totals</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>Not Searched</b>	<b>2</b>
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<b><i>Distance Interval Totals</i></b>	<b><i>1</i></b>	<b><i>60</i></b>	<b><i>34(20)</i></b>	<b><i>102(90)</i></b>	<b><i>0</i></b>	<b><i>197(110)</i></b>
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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

461–463 Tompkins Avenue  
Brooklyn, NY 11216

\* 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
165	G & J DRY CLEANERS	471 TOMPKINS AVE	92 feet to the S*	Hazardous Waste Generator/Transporter

## 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
1	PERRY RESIDENSE	451 THOMPkins AVE	179 feet to the N*	Active Haz Spill (Unknown/Other Cause)
167	CON EDISON	439 TOMPKINS AVE & HALSEY ST	292 feet to the N	Hazardous Waste Generator/Transporter
169	CON EDISON	274 HALSEY AV	321 feet to the NNE	Hazardous Waste Generator/Transporter
170	CON EDISON	274 HALSEY ST	321 feet to the NNE	Hazardous Waste Generator/Transporter
177	CON EDISON	FO 257 HALSEY ST	411 feet to the NNE	Hazardous Waste Generator/Transporter
178	CON EDISON	FO 257 HALSEY ST	411 feet to the NNE	Hazardous Waste Generator/Transporter
28	SERVICE BOX 20281	257 HALSEY ST	476 feet to the NNE	Closed Status Spill (Unk/Other Cause)
171	CON EDISON	227 MACON ST	341 feet to the NE	Hazardous Waste Generator/Transporter
172	CON EDISON	229 MACON ST	358 feet to the NE	Hazardous Waste Generator/Transporter
173	CON EDISON	229 MACON ST	358 feet to the NE	Hazardous Waste Generator/Transporter
27	SERVICE BOX 28638	229 MACON ST	361 feet to the NE	Closed Status Spill (Unk/Other Cause)
180	CON EDISON	292 HALSEY ST	433 feet to the NE	Hazardous Waste Generator/Transporter
129	HOME	306 HALSEY ST	541 feet to the NE	Closed Status Spill (Misc. Spill Cause)
186	CON EDISON	FRONT OF 277 HALSEY ST	550 feet to the NE	Hazardous Waste Generator/Transporter
187	CON EDISON	FRONT OF 277 HALSEY ST	550 feet to the NE	Hazardous Waste Generator/Transporter
189	CON EDISON	277 HALSEY ST	595 feet to the NE	Hazardous Waste Generator/Transporter
190	CON EDISON	314 HALSEY ST	609 feet to the NE	Hazardous Waste Generator/Transporter
192	CON EDISON	FRONT OF 283 HALSEY ST	620 feet to the NE	Hazardous Waste Generator/Transporter
194	CON EDISON	O/F 285A HALSEY ST	642 feet to the NE	Hazardous Waste Generator/Transporter
124	SPILL NUMBER 9812403	202 MACON ST	163 feet to the ENE*	Closed Status Spill (Misc. Spill Cause)
154	DOLLIE HENRY	216 MACON ST	343 feet to the E	Petroleum Bulk Storage Site
157	ALICIA BOOKER	109 MAC DONOUGH ST	385 feet to the E	Petroleum Bulk Storage Site
160	119 MCDONOUGH STREET	119 MACDONOUGH STREET	492 feet to the E	Petroleum Bulk Storage Site
175	CON EDISON	FO 110 MCDONOUGH ST	392 feet to the ESE	Hazardous Waste Generator/Transporter
176	CON EDISON	FO 109 MCDONOUGH ST	407 feet to the ESE	Hazardous Waste Generator/Transporter
179	CON EDISON	FO 114 MCDONOUGH ST	428 feet to the ESE	Hazardous Waste Generator/Transporter
182	CON EDISON	27 DECATUR ST	445 feet to the SE	Hazardous Waste Generator/Transporter

193	CON EDISON	FRONT OF 51 DECATUR ST	635 feet to the SE	Hazardous Waste Generator/Transporter
181	CON EDISON	FRONT OF 13 DECATUR ST	443 feet to the SSE	Hazardous Waste Generator/Transporter
196	BLACKSTAR &SON PROD	1469 FULTON STREET	557 feet to the SSE	Air Discharge Site
197	BLACKSTAR &SON PROD	1469 FULTON STREET	557 feet to the SSE	Air Discharge Site
2	APT BLDG	489 TOMPKINS AVE	369 feet to the S	Active Haz Spill (Unknown/Other Cause)
128	GROUND TRANSFORMER 2474	DECATUR ST & THOMPSON	464 feet to the S	Closed Status Spill (Misc. Spill Cause)
183	CONSOLIDATED EDISON	75474-TOMPKINS & DECATUR AVE	464 feet to the S	Hazardous Waste Generator/Transporter
184	CONSOLIDATED EDISON	TOMPKINS AVE & DECATUR ST	464 feet to the S	Hazardous Waste Generator/Transporter
185	MTA NYCT DECATUR SUBSTATION	DECATUR AVE & TOMPKINS ST	464 feet to the S	Hazardous Waste Generator/Transporter
161	EUGENE OUTLER	4 DECATUR ST	508 feet to the S	Petroleum Bulk Storage Site
153	FIRST A M E CHURCH	480 TOMPKINS AVE	323 feet to the SSW	Petroleum Bulk Storage Site
174	CON EDISON	66 MACDONOUS ST	389 feet to the SSW	Hazardous Waste Generator/Transporter
9	408 JAY/1427 FULTON /BKLN	1427 FULTON/408 JAY ST	500 feet to the SSW	Closed Status Tank Failure
188	CON EDISON	FRONT OF 1427 FULTON ST	561 feet to the SSW	Hazardous Waste Generator/Transporter
166	CON EDISON	65 MACDONOUGH ST	215 feet to the SW	Hazardous Waste Generator/Transporter
29	SERVICE BOX 28444	28 MACDONOUGH ST	595 feet to the SW	Closed Status Spill (Unk/Other Cause)
191	CON EDISON	1409 FULTON ST	614 feet to the SW	Hazardous Waste Generator/Transporter
164	COLIN NILES	1403 FULTON ST	655 feet to the SW	Petroleum Bulk Storage Site
30	SERVICE BOX 19871	1403 FULTON ST	657 feet to the SW	Closed Status Spill (Unk/Other Cause)
125	PVT DWELLING	57 MACDONOUGH ST	291 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
126	SERVICE BOX 28442	IN FONT OF 55 MACDONOUGH ST	308 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
155	47 MCDONOUGH STREET	47 MCDONOUGH STREET	372 feet to the WSW	Petroleum Bulk Storage Site
156	JAMES PARIS	47 MAC DONOUGH ST	372 feet to the WSW	Petroleum Bulk Storage Site
158	WOLF GOLD INC	43 MCDONOUGH STREET	418 feet to the WSW	Petroleum Bulk Storage Site
159	BENRO PROPERTIES INC	43 MAC DONOUGH ST	418 feet to the WSW	Petroleum Bulk Storage Site
195	JUNIOR HIGH SCHOOL 258 K	141 MACON ST	652 feet to the W	Hazardous Waste Generator/Transporter
168	CONSOLIATED EDISON MH43003	MH43003 434 TOMPKINS AVE & HASLEY	320 feet to the WNW	Hazardous Waste Generator/Transporter
163	INTERMEDIATE SCHOOL 258 – BROOKLYN K258	141 MACON STREET	647 feet to the WNW	Petroleum Bulk Storage Site
123	MACON PLAYGROUND	MACON ST & TOMPKINS AVE	114 feet to the NW*	Closed Status Spill (Misc. Spill Cause)
130	VACANT BLDG	201A HALSEY STREET	642 feet to the NW	Closed Status Spill (Misc. Spill Cause)
26	ROADWAY	TOMPKINS AVE AND HALSEY S	359 feet to the NNW	Closed Status Spill (Unk/Other Cause)
127	HALSEY ST & TOMPKINS AVE	HALSEY ST & TOMPKINS AVE	359 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
162	C MING	290 HANCOCK ST	590 feet to the NNW	Petroleum Bulk Storage 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
31	SERVICE BOX 43000	413 TOMPKINS AVE	689 feet to the N	Closed Status Spill (Unk/Other Cause)
36	SERVICE BOX 21398	IFO 369 JEFFERSON AVE	925 feet to the N	Closed Status Spill (Unk/Other Cause)
3	355 JEFFERSON AVE	355 JEFFERSON AVE	980 feet to the N	Active Haz Spill (Unknown/Other Cause)

39	SB 21408	369 JEFFERSON AVE	996 feet to the N	Closed Status Spill (Unk/Other Cause)
40	SERVICE BOX 21408	369 JEFFERSON AVE	996 feet to the N	Closed Status Spill (Unk/Other Cause)
132	ABANDON HOUSE	369A JEFFERSON AVE	999 feet to the N	Closed Status Spill (Misc. Spill Cause)
54	SB 32193	443 PUTNAM AVE	1257 feet to the N	Closed Status Spill (Unk/Other Cause)
55	X	459 PUTNAM AVE	1287 feet to the N	Closed Status Spill (Unk/Other Cause)
78	SERVICE BOX SB31300	534 GATES AVE	1891 feet to the N	Closed Status Spill (Unk/Other Cause)
81	550 GATES AVE	550 GATES AVE	1906 feet to the N	Closed Status Spill (Unk/Other Cause)
21	CLOSED-LACKOF RECENT INFO	584 GATES AVENUE	2002 feet to the N	Closed Status Tank Test Failure
22	SUNOCO SVC STATION TTF	482 THROOP AVE	2002 feet to the N	Closed Status Tank Test Failure
86	SERVICE BOX	555 GATES AVE	2061 feet to the N	Closed Status Spill (Unk/Other Cause)
88	SERVICE BOX #31304	607 GATES AVE	2116 feet to the N	Closed Status Spill (Unk/Other Cause)
108	TM983 - LEXINGTON AV &	TOMPKINS AV	2511 feet to the N	Closed Status Spill (Unk/Other Cause)
109	TRANSFORMER MANHOLE 983	LEXINGTON AV & TOMPKINS A	2511 feet to the N	Closed Status Spill (Unk/Other Cause)
118	OIL SPILL ON TRUCK	480 LEXINGTON AVE	2587 feet to the N	Closed Status Spill (Unk/Other Cause)
60	APARTMENT BUILDING	522 PUTMAN AVE	1431 feet to the NNE	Closed Status Spill (Unk/Other Cause)
20	NYC PUBLIC SCHOOL PS44	432 MONROE ST	1837 feet to the NNE	Closed Status Tank Test Failure
74	MANHOLE 2149	MONROE ST/THROOP AVE	1844 feet to the NNE	Closed Status Spill (Unk/Other Cause)
5	RESIDENCE	415 MONROE STREET	2016 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
94	RESIDENCE	439 MONROE ST	2170 feet to the NNE	Closed Status Spill (Unk/Other Cause)
100	MANHOLE 2145	500 QUINCY ST	2392 feet to the NNE	Closed Status Spill (Unk/Other Cause)
10	420 JEFFERSON AVE/BKLYN	420 JEFFERSON AVENUE	1112 feet to the NE	Closed Status Tank Failure
52	400 HANCOCK ST	400 HANCOCK STREET	1195 feet to the NE	Closed Status Spill (Unk/Other Cause)
134	400 HANCOCK STREET	400 HANCOCK STREET	1195 feet to the NE	Closed Status Spill (Misc. Spill Cause)
68	GAMBLE HOME	471 JEFFERSON AVE	1601 feet to the NE	Closed Status Spill (Unk/Other Cause)
87	PAMOJA HOUSE	357 MARCUS DARBY BLVD	2111 feet to the NE	Closed Status Spill (Unk/Other Cause)
139	612 PUTNAM AVE	612 PUTNAM AVE	2111 feet to the NE	Closed Status Spill (Misc. Spill Cause)
98	APARTMENT BLDG	492 MONROE ST	2339 feet to the NE	Closed Status Spill (Unk/Other Cause)
120	ROADWAY	LEWIS AND PUTNAM AVE	2602 feet to the NE	Closed Status Spill (Unk/Other Cause)
121	TM 960	PUTNAM AVE/LEWIS AVE.	2602 feet to the NE	Closed Status Spill (Unk/Other Cause)
144	SPILL NUMBER 0205548	MACON ST & LEWIS AVE	2331 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
106	PRIVATE RESIDENCE	310 LEWIS AVE	2471 feet to the ENE	Closed Status Spill (Unk/Other Cause)
111	CONSTRUCITON SITE	494 HALSEY STREET	2527 feet to the ENE	Closed Status Spill (Unk/Other Cause)
113	451 HALSEY STREET	451 HALSEY STREET	2552 feet to the ENE	Closed Status Spill (Unk/Other Cause)
116	SERVICE BOX 20307	453 HALSEY ST	2568 feet to the ENE	Closed Status Spill (Unk/Other Cause)
13	157 DECATUR STREET	157 DECATUR STREET	1676 feet to the E	Closed Status Tank Failure
142	GROUND	378 LEWIS AVE	2246 feet to the E	Closed Status Spill (Misc. Spill Cause)
143	RESIDENCE	376 LEWIS AVE	2246 feet to the E	Closed Status Spill (Misc. Spill Cause)
147	HOUSE	225 DECATUR AVE	2402 feet to the E	Closed Status Spill (Misc. Spill Cause)
150	CULPEPPER RESIDENCE	235 DECATUR STREET	2490 feet to the E	Closed Status Spill (Misc. Spill Cause)
34	MANHOLE # 3214	DECATUR ST & THROOP AVE	849 feet to the ESE	Closed Status Spill (Unk/Other Cause)
35	MANHOLE TM1457	CENTER OF DECATUR ST	849 feet to the ESE	Closed Status Spill (Unk/Other Cause)
44	IN SUBWAY GRATING	1533 FULTON ST	1068 feet to the ESE	Closed Status Spill (Unk/Other Cause)
56	SERVICE BOX #19891	IFO 1555 FULTON ST	1319 feet to the ESE	Closed Status Spill (Unk/Other Cause)
16	WOLF AMOCO STATION	1581 ATLANTIC AVE	2363 feet to the ESE	Closed Status Tank Failure
103	MANHOLE #19917	FULTON ST & TROY AV	2440 feet to the ESE	Closed Status Spill (Unk/Other Cause)
149	ATLANTIC AVE AND	TROY AVE	2483 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
43	MANHOLE 19894	1512 FULTON ST	1062 feet to the SE	Closed Status Spill (Unk/Other Cause)

46	389 HERKINER ST	389 HERKIMER ST	1147 feet to the SE	Closed Status Spill (Unk/Other Cause)
4	LAB RESULTS	1520 FULTON ST	1150 feet to the SE	Active Haz Spill (Unknown/Other Cause)
64	BASEMENT	16 AGATE COURT	1545 feet to the SE	Closed Status Spill (Unk/Other Cause)
67	12 AGATE COURT	12 AGATE COURT	1568 feet to the SE	Closed Status Spill (Unk/Other Cause)
76	ALBANY STREET & ATLANTIC	ALBANY ST & ATLANTIC AVE.	1862 feet to the SE	Closed Status Spill (Unk/Other Cause)
77	VS 7015	ATLANTIC AVE/ALBANY AVE	1862 feet to the SE	Closed Status Spill (Unk/Other Cause)
32	SERVICE BOX 19884	1478 FULTON ST	788 feet to the SSE	Closed Status Spill (Unk/Other Cause)
73	85 KINGSTON AVE	85 KINGSTON AVE	1796 feet to the SSE	Closed Status Spill (Unk/Other Cause)
75	JOHNSON HOME	1484 PACIFIC STREET	1861 feet to the SSE	Closed Status Spill (Unk/Other Cause)
8	PRIVATE RESD	1488 PACIFIC ST	1881 feet to the SSE	Active Haz Spill (Misc. Spill Cause)
85	SERVICE BOX 28337	102 KINGSTON AVE	2017 feet to the SSE	Closed Status Spill (Unk/Other Cause)
89	SERVICE BOX#	ALBANY AVE/REVERE PLACE	2125 feet to the SSE	Closed Status Spill (Unk/Other Cause)
17	909 ST MARKS AVE	909 ST MARKS AVE	2458 feet to the SSE	Closed Status Tank Failure
119	959 ST. MARK'S AVE/BKLYN	959 ST. MARK'S AVENUE	2589 feet to the SSE	Closed Status Spill (Unk/Other Cause)
151	SPILL NUMBER 9801098	959 ST MARK'S AVENUE	2589 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
152	B S R HOUSING DEVELOPMENT	959 ST MARK'S AVENUE	2589 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
19	CITGO	1450 ATLANTIC AVENUE	1349 feet to the S	Closed Status Tank Test Failure
141	#2 FUEL SPILL AND VAPOR COMPLAINTS	119 BROOKLYN AVENUE	2170 feet to the S	Closed Status Spill (Misc. Spill Cause)
145	831 ST MARKS AVE	831 ST MARKS AVE	2368 feet to the S	Closed Status Spill (Misc. Spill Cause)
24	RESIDENTIAL	891 ST. MARKS AVE	2374 feet to the S	Closed Status Tank Test Failure
104	CON EDISON SERVICE BOX 6513	SAINT MARK'S AVE & BROOKLYN AVE	2456 feet to the S	Closed Status Spill (Unk/Other Cause)
105	MANHOLE 4581	ST MARKS AT/BROOKLYN AV	2456 feet to the S	Closed Status Spill (Unk/Other Cause)
148	VAULT # 4016	ST. MARKS AVE AND BROOKLY	2456 feet to the S	Closed Status Spill (Misc. Spill Cause)
25	850 SAINT MARKS OWNERS CO	850 SAINT MARKS AVE	2563 feet to the S	Closed Status Tank Test Failure
114	APARTMENT - MISC	850 ST MARKS PLACE	2563 feet to the S	Closed Status Spill (Unk/Other Cause)
117	BKLYN CHILDRENS MUSEUM	145 BROOKLYN AVE	2583 feet to the S	Closed Status Spill (Unk/Other Cause)
41	260 HERKIMER STREET	260 HERKIMER STREET	1015 feet to the SSW	Closed Status Spill (Unk/Other Cause)
50	AMOCO	1381 ATLANTIC AVE	1171 feet to the SSW	Closed Status Spill (Unk/Other Cause)
135	SPILL NUMBER 0202203	1355 ATLANTIC AVE	1234 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
11	62 BROOKLYN AVE.	62 BROOKLYN AVE	1399 feet to the SSW	Closed Status Tank Failure
137	VAULT # 5467	NEW YORK AV/DEAN ST	2062 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
97	789 ST.MARKS AVE/BKLYN	805 ST. MARKS AVENUE	2291 feet to the SSW	Closed Status Spill (Unk/Other Cause)
110	MANHOLE 4580	OPPOSITE OF 803 ST MARKS	2511 feet to the SSW	Closed Status Spill (Unk/Other Cause)
53	MANHOLE #64705	NEW YORK AVE AT HERKIMER ST	1246 feet to the SW	Closed Status Spill (Unk/Other Cause)
84	1302 PACIFIC	1302 PACIFIC STREET	2000 feet to the SW	Closed Status Spill (Unk/Other Cause)
92	SERVICE BOX 19328	IFO 1249 DEAN ST	2146 feet to the SW	Closed Status Spill (Unk/Other Cause)
33	SERVICE BOX #19870	1381 FULTON ST	795 feet to the WSW	Closed Status Spill (Unk/Other Cause)
38	MANHOLE 3208	MARCY AVE+FULTON STREET	971 feet to the WSW	Closed Status Spill (Unk/Other Cause)
42	SB 19864	1367 FULTON ST	1015 feet to the WSW	Closed Status Spill (Unk/Other Cause)
133	CON EDISON TRANSFORMER MANHOLE #2010	FULTON AVENUE AND NEW YORK AVENUE	1083 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
136	RESIDENCE	147 HERKIMER ST	1534 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
65	145 HERKIMER ST	145 HERKIMER ST	1552 feet to the WSW	Closed Status Spill (Unk/Other Cause)
66	SPILL NUMBER 0001087	145 HERKIMER ST	1552 feet to the WSW	Closed Status Spill (Unk/Other Cause)
69	209172; HERKIMER ST; SB20902 BUILDING LINE	HERKIMER ST; SB20902 BUILDING LINE	1727 feet to the WSW	Closed Status Spill (Unk/Other Cause)
7	COMMERCIAL PROPERTY	1289 FULTON STREET	1851 feet to the WSW	Active Haz Spill (Misc. Spill Cause)
138	RAILROAD OVERPASS	ATLANTIC AVE/NOSTRAND AVE	2094 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
23	SPILL NUMBER 0104978	92 HERKIMER ST	2113 feet to the WSW	Closed Status Tank Test Failure
95	SERVICE BOX 20892	72 HERKIMER ST	2270 feet to the WSW	Closed Status Spill (Unk/Other Cause)

96	SERVICE BOX 20892	72 HERKIMER ST	2270 feet to the WSW	Closed Status Spill (Unk/Other Cause)
146	ACROSS THE STREET FROM	27 HERKIMER PL	2378 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
101	IFO LADY TEXT	1218 FULTON ST	2400 feet to the WSW	Closed Status Spill (Unk/Other Cause)
115	APT BLDG	1249 PACIFIC ST	2565 feet to the WSW	Closed Status Spill (Unk/Other Cause)
122	MANHOLE #SB33306	IFO 1224 PACIFIC ST	2635 feet to the WSW	Closed Status Spill (Unk/Other Cause)
12	FARROW HOME	133 HALSEY STREET	1431 feet to the W	Closed Status Tank Failure
6	MATHIEU RESIDENCE	123A HALSEY STREET	1516 feet to the W	Active Haz Spill (Misc. Spill Cause)
71	SUBWAY RESTAURANT	36 MACON STREET	1749 feet to the W	Closed Status Spill (Unk/Other Cause)
14	CONSTRUCTION SITE	500 NOSTRAND AVE	1899 feet to the W	Closed Status Tank Failure
80	500 NORSTRAND AVE	500 NOSTRAND AVENUE	1899 feet to the W	Closed Status Spill (Unk/Other Cause)
90	SERVICE BOX 20570	129 HANCOCK ST	2142 feet to the W	Closed Status Spill (Unk/Other Cause)
93	RESIDENCE	65 HALSEY ST	2168 feet to the W	Closed Status Spill (Unk/Other Cause)
37	MANHOLE 3239	MARCY AVE / HALSEY ST	943 feet to the WNW	Closed Status Spill (Unk/Other Cause)
45	LOUIS FREEMAN	163A HALSEY ST	1078 feet to the WNW	Closed Status Spill (Unk/Other Cause)
51	157 HALSEY ST	157 HALSEY ST	1187 feet to the WNW	Closed Status Spill (Unk/Other Cause)
57	SERVICE BOX 20586	200 HANCOCK ST	1327 feet to the WNW	Closed Status Spill (Unk/Other Cause)
58	RESIDENCE	205 HANCOCK ST	1386 feet to the WNW	Closed Status Spill (Unk/Other Cause)
59	SB20585	190 HANCOCK ST	1410 feet to the WNW	Closed Status Spill (Unk/Other Cause)
61	IFO 184 HANCOCK ST	184 HANCOCK ST	1470 feet to the WNW	Closed Status Spill (Unk/Other Cause)
62	RAY BIGGS RESIDENCE	189 HANCOCK ST	1525 feet to the WNW	Closed Status Spill (Unk/Other Cause)
63	SPILL NUMBER 0012431	178 HANCOCK ST	1531 feet to the WNW	Closed Status Spill (Unk/Other Cause)
15	462 NOSTRAND AVENUE	462 NOSTRAND AVENUE	2051 feet to the WNW	Closed Status Tank Failure
91	SERVICEBOX 21368	172 JEFFERSON AVE	2143 feet to the WNW	Closed Status Spill (Unk/Other Cause)
18	RESIDENCE	236 PUTNAM AVE	2466 feet to the WNW	Closed Status Tank Failure
112	SERVICE BOX #32169	255 PUTNAM AVE	2547 feet to the WNW	Closed Status Spill (Unk/Other Cause)
131	285 HANCOCK ST.	285 HANCOCK ST	786 feet to the NW	Closed Status Spill (Misc. Spill Cause)
70	832 MARCY AVENUE	832 MARCY AVENUE	1730 feet to the NW	Closed Status Spill (Unk/Other Cause)
79	NOSTRAND AVE/ MARCY AVE.	250 MADISON ST	1897 feet to the NW	Closed Status Spill (Unk/Other Cause)
83	MANHOLE 30571	276 MONROE ST	1959 feet to the NW	Closed Status Spill (Unk/Other Cause)
99	328 QUINCY ST	328 QUINCY ST	2382 feet to the NW	Closed Status Spill (Unk/Other Cause)
107	MANHOLE 3154	MONROE ST/NOSTRAND AV	2472 feet to the NW	Closed Status Spill (Unk/Other Cause)
47	MANHOLE #3256	PUTNAM AVE	1163 feet to the NNW	Closed Status Spill (Unk/Other Cause)
48	MANHOLE 5256	PUTNAM AVE/TOMKINS AVE	1163 feet to the NNW	Closed Status Spill (Unk/Other Cause)
49	VAULT 3538	PUTNAM AVE/THOMPKN SAVE	1163 feet to the NNW	Closed Status Spill (Unk/Other Cause)
72	306 MONROE STREET	306 MONROE STREET	1766 feet to the NNW	Closed Status Spill (Unk/Other Cause)
82	291-A MONROE STREET	2910A MONROE STREET	1907 feet to the NNW	Closed Status Spill (Unk/Other Cause)
140	ARMSTRONG HOUSING / 370 L	ARMSTRONG HOUSING	2165 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
102	VAULT #7909	QUINCY ST / MARCY AVE	2406 feet to the NNW	Closed Status Spill (Unk/Other Cause)

# Identified Toxic Sites by Category

461–463 Tompkins Avenue  
Brooklyn, NY 11216

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

<b>Active Haz Spills (Unknown Causes &amp; Other Causes) -- Total Sites – 5</b>			<b>Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	9804650	PERRY RESIDENSE	451 THOMPkins AVE	179 feet to the N*
2	1112881	APT BLDG	489 THOMPkins AVE	369 feet to the S
3	0011230	355 JEFFERSON AVE	355 JEFFERSON AVE	980 feet to the N
4	1503863	LAB RESULTS	1520 FULTON ST	1150 feet to the SE
5	1411416	RESIDENCE	415 MONROE STREET	2016 feet to the NNE
<b>Active Haz Spills (Miscellaneous Spill Causes) -- Total Sites – 3</b>			<b>Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
6	0908339	MATHIEU RESIDENCE	123A HALSEY STREET	1516 feet to the W
7	0612474	COMMERCIAL PROPERTY	1289 FULTON STREET	1851 feet to the WSW
8	1107794	PRIVATE RESD	1488 PACIFIC ST	1881 feet to the SSE
<b>Closed Status Tank Failures -- Total Sites – 10</b>			<b>Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
9	8909337	408 JAY/1427 FULTON /BKLN	1427 FULTON/408 JAY ST	500 feet to the SSW
10	8809256	420 JEFFERSON AVE/BKLYN	420 JEFFERSON AVENUE	1112 feet to the NE
11	9208697	62 BROOKLYN AVE.	62 BROOKLYN AVE	1399 feet to the SSW
12	0509001	FARROW HOME	133 HALSEY STREET	1431 feet to the W
13	9207785	157 DECATUR STREET	157 DECATUR STREET	1676 feet to the E
14	9706899	CONSTRUCTION SITE	500 NOSTRAND AVE	1899 feet to the W
15	9412982	462 NOSTRAND AVENUE	462 NOSTRAND AVENUE	2051 feet to the WNW
16	0211716	WOLF AMOCO STATION	1581 ATLANTIC AVE	2363 feet to the ESE
17	9302830	909 ST MARKS AVE	909 ST MARKS AVE	2458 feet to the SSE
18	0310575	RESIDENCE	236 PUTNAM AVE	2466 feet to the WNW
<b>Closed Status Tank Test Failures -- Total Sites – 7</b>			<b>Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
19	9011588	CITGO	1450 ATLANTIC AVENUE	1349 feet to the S
20	0007993	NYC PUBLIC SCHOOL PS44	432 MONROE ST	1837 feet to the NNE
21	9007162	CLOSED–LACKOF RECENT INFO	584 GATES AVENUE	2002 feet to the N
22	0911012	SUNOCO SVC STATION TTF	482 THROOP AVE	2002 feet to the N
23	0104978	SPILL NUMBER 0104978	92 HERKIMER ST	2113 feet to the WSW
24	1110372	RESIDENTIAL	891 ST. MARKS AVE	2374 feet to the S
25	0500893	850 SAINT MARKS OWNERS CO	850 SAINT MARKS AVE	2563 feet to the S
<b>Closed Status Spills (Unknown Causes &amp; Other Causes) -- Total Sites – 97</b>			<b>Database searched at 1/2 MILE – ASTM required search distance: 1/2 Mile</b>	
MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
26	0500400	ROADWAY	TOMPkins AVE AND HALSEY S	359 feet to the NNW
27	0909949	SERVICE BOX 28638	229 MACON ST	361 feet to the NE
28	9810926	SERVICE BOX 20281	257 HALSEY ST	476 feet to the NNE
29	0010375	SERVICE BOX 28444	28 MACDONOUGH ST	595 feet to the SW
30	9912857	SERVICE BOX 19871	1403 FULTON ST	657 feet to the SW
31	0208742	SERVICE BOX 43000	413 THOMPkins AVE	689 feet to the N
32	0007877	SERVICE BOX 19884	1478 FULTON ST	788 feet to the SSE
33	9809219	SERVICE BOX #19870	1381 FULTON ST	795 feet to the WSW
34	9905311	MANHOLE # 3214	DECATUR ST & THROOP AVE	849 feet to the ESE

35	9902577	MANHOLE TM1457	CENTER OF DECATUR ST	849 feet to the ESE
36	0000258	SERVICE BOX 21398	IFO 369 JEFFERSON AVE	925 feet to the N
37	0510726	MANHOLE 3239	MARCY AVE / HALSEY ST	943 feet to the WNW
38	9910424	MANHOLE 3208	MARCY AVE+FULTON STREET	971 feet to the WSW
39	9914312	SB 21408	369 JEFFERSON AVE	996 feet to the N
40	9913445	SERVICE BOX 21408	369 JEFFERSON AVE	996 feet to the N
41	9110806	260 HERKIMER STREET	260 HERKIMER STREET	1015 feet to the SSW
42	9904337	SB 19864	1367 FULTON ST	1015 feet to the WSW
43	0001469	MANHOLE 19894	1512 FULTON ST	1062 feet to the SE
44	0301494	IN SUBWAY GRATING	1533 FULTON ST	1068 feet to the ESE
45	0111141	LOUIS FREEMAN	163A HALSEY ST	1078 feet to the WNW
46	9410999	389 HERKIMER ST	389 HERKIMER ST	1147 feet to the SE
47	0311932	MANHOLE #3256	PUTNAM AVE	1163 feet to the NNW
48	0209491	MANHOLE 5256	PUTNAM AVE/TOMKINS AVE	1163 feet to the NNW
49	0209482	VAULT 3538	PUTNAM AVE/THOMPKN SAVE	1163 feet to the NNW
50	0109324	AMOCO	1381 ATLANTIC AVE	1171 feet to the SSW
51	9809762	157 HALSEY ST	157 HALSEY ST	1187 feet to the WNW
52	9314540	400 HANCOCK ST	400 HANCOCK STREET	1195 feet to the NE
53	0509698	MANHOLE #64705	NEW YORK AVE AT HERKIMER ST	1246 feet to the SW
54	0103894	SB 32193	443 PUTNAM AVE	1257 feet to the N
55	0208129	X	459 PUTNAM AVE	1287 feet to the N
56	9909699	SERVICE BOX #19891	IFO 1555 FULTON ST	1319 feet to the ESE
57	0011847	SERVICE BOX 20586	200 HANCOCK ST	1327 feet to the WNW
58	9912532	RESIDENCE	205 HANCOCK ST	1386 feet to the WNW
59	0011841	SB20585	190 HANCOCK ST	1410 feet to the WNW
60	0700577	APARTMENT BUILDING	522 PUTMAN AVE	1431 feet to the NNE
61	0011839	IFO 184 HANCOCK ST	184 HANCOCK ST	1470 feet to the WNW
62	9313437	RAY BIGGS RESIDENCE	189 HANCOCK ST	1525 feet to the WNW
63	0012431	SPILL NUMBER 0012431	178 HANCOCK ST	1531 feet to the WNW
64	1113087	BASEMENT	16 AGATE COURT	1545 feet to the SE
65	9412046	145 HERKIMER ST	145 HERKIMER ST	1552 feet to the WSW
66	0001087	SPILL NUMBER 0001087	145 HERKIMER ST	1552 feet to the WSW
67	0713789	12 AGATE COURT	12 AGATE COURT	1568 feet to the SE
68	0412139	GAMBLE HOME	471 JEFFERSON AVE	1601 feet to the NE
69	0890326	209172; HERKIMER ST; SB20902 BUILDING LINE	HERKIMER ST; SB20902 BUILDING LINE	1727 feet to the WSW
70	9512162	832 MARCY AVENUE	832 MARCY AVENUE	1730 feet to the NW
71	0408678	SUBWAY RESTAURANT	36 MACON STREET	1749 feet to the W
72	9309047	306 MONROE STREET	306 MONROE STREET	1766 feet to the NNW
73	9913256	85 KINGSTON AVE	85 KINGSTON AVE	1796 feet to the SSE
74	0410393	MANHOLE 2149	MONROE ST/THROOP AVE	1844 feet to the NNE
75	0709762	JOHNSON HOME	1484 PACIFIC STREET	1861 feet to the SSE
76	8607519	ALBANY STREET & ATLANTIC	ALBANY ST & ATLANTIC AVE.	1862 feet to the SE
77	0314243	VS 7015	ATLANTIC AVE/ALBANY AVE	1862 feet to the SE
78	9905588	SERVICE BOX SB31300	534 GATES AVE	1891 feet to the N
79	0401298	NOSTRAND AVE/ MARCY AVE.	250 MADISON ST	1897 feet to the NNW
80	9706894	500 NORSTRAND AVE	500 NOSTRAND AVENUE	1899 feet to the W
81	9514023	550 GATES AVE	550 GATES AVE	1906 feet to the N
82	9500736	291-A MONROE STREET	2910A MONROE STREET	1907 feet to the NNW
83	9812463	MANHOLE 30571	276 MONROE ST	1959 feet to the NW
84	0311763	1302 PACIFIC	1302 PACIFIC STREET	2000 feet to the SW
85	9512130	SERVICE BOX 28337	102 KINGSTON AVE	2017 feet to the SSE
86	9905590	SERVICE BOX	555 GATES AVE	2061 feet to the N
87	1102689	PAMOJA HOUSE	357 MARCUS DARBY BLVD	2111 feet to the NE

88	9815302	SERVICE BOX #31304	607 GATES AVE	2116 feet to the N
89	0313927	SERVICE BOX#	ALBANY AVE/REVERE PLACE	2125 feet to the SSE
90	0005165	SERVICE BOX 20570	129 HANCOCK ST	2142 feet to the W
91	0005355	SERVICEBOX 21368	172 JEFFERSON AVE	2143 feet to the WNW
92	9902453	SERVICE BOX 19328	IFO 1249 DEAN ST	2146 feet to the SW
93	0107043	RESIDENCE	65 HALSEY ST	2168 feet to the W
94	9812876	RESIDENCE	439 MONROE ST	2170 feet to the NNE
95	0005952	SERVICE BOX 20892	72 HERKIMER ST	2270 feet to the WSW
96	0005068	SERVICE BOX 20892	72 HERKIMER ST	2270 feet to the WSW
97	8806464	789 ST.MARKS AVE/BKLYN	805 ST. MARKS AVENUE	2291 feet to the SSW
98	1201143	APARTMENT BLDG	492 MONROE ST	2339 feet to the NE
99	9608806	328 QUINCY ST	328 QUINCY ST	2382 feet to the NW
100	0003599	MANHOLE 2145	500 QUINCY ST	2392 feet to the NNE
101	0208598	IFO LADY TEXT	1218 FULTON ST	2400 feet to the WSW
102	0313522	VAULT #7909	QUINCY ST / MARCY AVE	2406 feet to the NNW
103	0109588	MANHOLE #19917	FULTON ST & TROY AV	2440 feet to the ESE
104	1002262	CON EDISON SERVICE BOX 6513	SAINT MARK'S AVE & BROOKLYN AVE	2456 feet to the S
105	0403776	MANHOLE 4581	ST MARKS AT/BROOKLYN AV	2456 feet to the S
106	1214960	PRIVATE RESIDENCE	310 LEWIS AVE	2471 feet to the ENE
107	9910930	MANHOLE 3154	MONROE ST/NOSTRAND AV	2472 feet to the NW
108	9902402	TM983 - LEXINGTON AV &	TOMPKINS AV	2511 feet to the N
109	9901136	TRANSFORMER MANHOLE 983	LEXINGTON AV & TOMPKINS A	2511 feet to the N
110	0404053	MANHOLE 4580	OPPOSITE OF 803 ST MARKS	2511 feet to the SSW
111	0703125	CONSTRUCITON SITE	494 HALSEY STREET	2527 feet to the ENE
112	0310901	SERVICE BOX #32169	255 PUTNAM AVE	2547 feet to the WNW
113	0708170	451 HALSEY STREET	451 HALSEY STREET	2552 feet to the ENE
114	0413104	APARTMENT - MISC	850 ST MARKS PLACE	2563 feet to the S
115	0812215	APT BLDG	1249 PACIFIC ST	2565 feet to the WSW
116	0012025	SERVICE BOX 20307	453 HALSEY ST	2568 feet to the ENE
117	0503152	BKLYN CHILDRENS MUSEUM	145 BROOKLYN AVE	2583 feet to the S
118	1202397	OIL SPILL ON TRUCK	480 LEXINGTON AVE	2587 feet to the N
119	8910011	959 ST. MARK'S AVE/BKLYN	959 ST. MARK'S AVENUE	2589 feet to the SSE
120	1009732	ROADWAY	LEWIS AND PUTNAM AVE	2602 feet to the NE
121	0500920	TM 960	PUTNAM AVE/LEWIS AVE.	2602 feet to the NE
122	0305049	MANHOLE #SB33306	IFO 1224 PACIFIC ST	2635 feet to the WSW

**Closed Status Spills (Miscellaneous Spill Causes) --- Total Sites - 30**

MAP ID	FACILITY ID	FACILITY NAME
123	9913726	MACON PLAYGROUND
124	9812403	SPILL NUMBER 9812403
125	1100268	PVT DWELLING
126	1100279	SERVICE BOX 28442
127	9608595	HALSEY ST & TOMPKINS AVE
128	9905801	GROUND TRANSFORMER 2474
129	1307173	HOME
130	0701134	VACANT BLDG
131	9113285	285 HANCOCK ST.
132	0409181	ABANDON HOUSE
133	1401559	CON EDISON TRANSFORMER MANHOLE #2010
134	9314539	400 HANCOCK STREET
135	0202203	SPILL NUMBER 0202203
136	0812013	RESIDENCE
137	0013439	VAULT # 5467

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

FACILITY STREET	DISTANCE & DIRECTION
MACON ST & TOMPKINS AVE	114 feet to the NW*
202 MACON ST	163 feet to the ENE*
57 MACDONOUGH ST	291 feet to the WSW
IN FONT OF 55 MACDONOUGH ST	308 feet to the WSW
HALSEY ST & TOMPKINS AVE	359 feet to the NNW
DECATUR ST & THOMPSON	464 feet to the S
306 HALSEY ST	541 feet to the NE
201A HALSEY STREET	642 feet to the NW
285 HANCOCK ST	786 feet to the NW
369A JEFFERSON AVE	999 feet to the N
FULTON AVENUE AND NEW YORK AVENUE	1083 feet to the WSW
400 HANCOCK STREET	1195 feet to the NE
1355 ATLANTIC AVE	1234 feet to the SSW
147 HERKIMER ST	1534 feet to the WSW
NEW YORK AV/DEAN ST	2062 feet to the SSW

138	0000641	RAILROAD OVERPASS	ATLANTIC AVE/NOSTRAND AVE	2094 feet to the WSW
139	8908416	612 PUTNAM AVE	612 PUTNAM AVE	2111 feet to the NE
140	8700165	ARMSTRONG HOUSING / 370 L	ARMSTRONG HOUSING	2165 feet to the NNW
141	1214667	#2 FUEL SPILL AND VAPOR COMPLAINTS	119 BROOKLYN AVENUE	2170 feet to the S
142	1410470	GROUND	378 LEWIS AVE	2246 feet to the E
143	1410440	RESIDENCE	376 LEWIS AVE	2246 feet to the E
144	0205548	SPILL NUMBER 0205548	MACON ST & LEWIS AVE	2331 feet to the ENE
145	9111138	831 ST MARKS AVE	831 ST MARKS AVE	2368 feet to the S
146	0807451	ACROSS THE STREET FROM	27 HERKIMER PL	2378 feet to the WSW
147	9713736	HOUSE	225 DECATUR AVE	2402 feet to the E
148	0403177	VAULT # 4016	ST. MARKS AVE AND BROOKLY	2456 feet to the S
149	9905526	ATLANTIC AVE AND	TROY AVE	2483 feet to the ESE
150	0612863	CULPEPPER RESIDENCE	235 DECATUR STREET	2490 feet to the E
151	9801098	SPILL NUMBER 9801098	959 ST MARK'S AVENUE	2589 feet to the SSE
152	9601656	B S R HOUSING DEVELOPMENT	959 ST MARK'S AVENUE	2589 feet to the SSE

**Petroleum Bulk Storage Sites --- Total Sites - 12**

MAP ID	FACILITY ID	FACILITY NAME
153	NY03908	FIRST A M E CHURCH
154	NY03314	DOLLIE HENRY
155	2-608570	47 MCDONOUGH STREET
156	NY05248	JAMES PARIS
157	NY01355	ALICIA BOOKER
158	2-608571	WOLF GOLD INC
159	NY01945	BENRO PROPERTIES INC
160	2-466700	119 MCDONOUGH STREET
161	NY03729	EUGENE OUTLER
162	NY02316	C MING
163	2-354287	INTERMEDIATE SCHOOL 258 - BROOKLYN K258
164	NY02767	COLIN NILES

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

FACILITY STREET	DISTANCE & DIRECTION
480 TOMPKINS AVE	323 feet to the SSW
216 MACON ST	343 feet to the E
47 MCDONOUGH STREET	372 feet to the WSW
47 MAC DONOUGH ST	372 feet to the WSW
109 MAC DONOUGH ST	385 feet to the E
43 MCDONOUGH STREET	418 feet to the WSW
43 MAC DONOUGH ST	418 feet to the WSW
119 MACDONOUGH STREET	492 feet to the E
4 DECATUR ST	508 feet to the S
290 HANCOCK ST	590 feet to the NNW
141 MACON STREET	647 feet to the WNW
1403 FULTON ST	655 feet to the SW

**Hazardous Waste Generators, Transporters --- Total Sites - 31**

MAP ID	FACILITY ID	FACILITY NAME
165	NYR000046805	G & J DRY CLEANERS
166	NYP004413118	CON EDISON
167	NYP004183117	CON EDISON
168	NYP004183117	CONSOLIATED EDISON MH43003
169	NYP004715322	CON EDISON
170	NYP004737201	CON EDISON
171	NYP004581021	CON EDISON
172	NYP004599403	CON EDISON
173	NYP004630265	CON EDISON
174	NYP004510343	CON EDISON
175	NYP004561569	CON EDISON
176	NYP004561627	CON EDISON
177	NYP004566097	CON EDISON
178	NYP004572632	CON EDISON
179	NYP004561601	CON EDISON
180	NYP004724159	CON EDISON
181	NYP004660635	CON EDISON
182	NYP004425666	CON EDISON
183	NYP004041562	CONSOLIDATED EDISON
184	NYP004160560	CONSOLIDATED EDISON

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

FACILITY STREET	DISTANCE & DIRECTION
471 TOMPKINS AVE	92 feet to the S*
65 MACDONOUGH ST	215 feet to the SW
439 TOMPKINS AVE & HALSEY ST	292 feet to the N
MH43003 434 TOMPKINS AVE & HASLEY	320 feet to the WNW
274 HALSEY AV	321 feet to the NNE
274 HALSEY ST	321 feet to the NNE
227 MACON ST	341 feet to the NE
229 MACON ST	358 feet to the NE
229 MACON ST	358 feet to the NE
66 MACDONOUS ST	389 feet to the SSW
FO 110 MCDONOUGH ST	392 feet to the ESE
FO 109 MCDONOUGH ST	407 feet to the ESE
FO 257 HALSEY ST	411 feet to the NNE
FO 257 HALSEY ST	411 feet to the NNE
FO 114 MCDONOUGH ST	428 feet to the ESE
292 HALSEY ST	433 feet to the NE
FRONT OF 13 DECATUR ST	443 feet to the SSE
27 DECATUR ST	445 feet to the SE
75474-TOMPKINS & DECATUR AVE	464 feet to the S
TOMPKINS AVE & DECATUR ST	464 feet to the S

185	NYR000036558	MTA NYCT DECATUR SUBSTATION	DECATUR AVE & TOMPKINS ST	464 feet to the S
186	NYP004663266	CON EDISON	FRONT OF 277 HALSEY ST	550 feet to the NE
187	NYP004702692	CON EDISON	FRONT OF 277 HALSEY ST	550 feet to the NE
188	NYP004727053	CON EDISON	FRONT OF 1427 FULTON ST	561 feet to the SSW
189	NYP004736062	CON EDISON	277 HALSEY ST	595 feet to the NE
190	NYP004750592	CON EDISON	314 HALSEY ST	609 feet to the NE
191	NYP004791877	CON EDISON	1409 FULTON ST	614 feet to the SW
192	NYP004684775	CON EDISON	FRONT OF 283 HALSEY ST	620 feet to the NE
193	NYP004663076	CON EDISON	FRONT OF 51 DECATUR ST	635 feet to the SE
194	NYP004383568	CON EDISON	O/F 285A HALSEY ST	642 feet to the NE
195	NYR000057646	JUNIOR HIGH SCHOOL 258 K	141 MACON ST	652 feet to the W

**Air Discharge Sites -- Total Sites - 2**

MAP ID	FACILITY ID	FACILITY NAME
196	3604700974	BLACKSTAR &SON PROD
197	3604780209	BLACKSTAR &SON PROD

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

FACILITY STREET	DISTANCE & DIRECTION
1469 FULTON STREET	557 feet to the SSE
1469 FULTON STREET	557 feet to the SSE

# Identified Toxic Sites by Proximity

## 461–463 Tompkins Avenue, Brooklyn, NY 11216

\* 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
165	G & J DRY CLEANERS	471 TOMPKINS AVE	92 feet to the S*	Hazardous Waste Generator/Transporter
123	MACON PLAYGROUND	MACON ST & TOMPKINS AVE	114 feet to the NW*	Closed Status Spill (Misc. Spill Cause)
124	SPILL NUMBER 9812403	202 MACON ST	163 feet to the ENE*	Closed Status Spill (Misc. Spill Cause)
1	PERRY RESIDENSE	451 THOMPCKINS AVE	179 feet to the N*	Active Haz Spill (Unknown/Other Cause)
166	CON EDISON	65 MACDONOUGH ST	215 feet to the SW	Hazardous Waste Generator/Transporter
125	PVT DWELLING	57 MACDONOUGH ST	291 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
167	CON EDISON	439 TOMPKINS AVE & HALSEY ST	292 feet to the N	Hazardous Waste Generator/Transporter
126	SERVICE BOX 28442	IN FRONT OF 55 MACDONOUGH ST	308 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
168	CONSOLIATED EDISON MH43003	MH43003 434 TOMPKINS AVE & HASLEY	320 feet to the WNW	Hazardous Waste Generator/Transporter
169	CON EDISON	274 HALSEY AV	321 feet to the NNE	Hazardous Waste Generator/Transporter
170	CON EDISON	274 HALSEY ST	321 feet to the NNE	Hazardous Waste Generator/Transporter
153	FIRST A M E CHURCH	480 TOMPKINS AVE	323 feet to the SSW	Petroleum Bulk Storage Site
171	CON EDISON	227 MACON ST	341 feet to the NE	Hazardous Waste Generator/Transporter
154	DOLLIE HENRY	216 MACON ST	343 feet to the E	Petroleum Bulk Storage Site
172	CON EDISON	229 MACON ST	358 feet to the NE	Hazardous Waste Generator/Transporter
173	CON EDISON	229 MACON ST	358 feet to the NE	Hazardous Waste Generator/Transporter
26	ROADWAY	TOMPKINS AVE AND HALSEY S	359 feet to the NNW	Closed Status Spill (Unk/Other Cause)
127	HALSEY ST & TOMPKINS AVE	HALSEY ST & TOMPKINS AVE	359 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
27	SERVICE BOX 28638	229 MACON ST	361 feet to the NE	Closed Status Spill (Unk/Other Cause)
2	APT BLDG	489 TOMPKINS AVE	369 feet to the S	Active Haz Spill (Unknown/Other Cause)
155	47 MCDONOUGH STREET	47 MCDONOUGH STREET	372 feet to the WSW	Petroleum Bulk Storage Site
156	JAMES PARIS	47 MAC DONOUGH ST	372 feet to the WSW	Petroleum Bulk Storage Site
157	ALICIA BOOKER	109 MAC DONOUGH ST	385 feet to the E	Petroleum Bulk Storage Site
174	CON EDISON	66 MACDONOUS ST	389 feet to the SSW	Hazardous Waste Generator/Transporter
175	CON EDISON	FO 110 MCDONOUGH ST	392 feet to the ESE	Hazardous Waste Generator/Transporter
176	CON EDISON	FO 109 MCDONOUGH ST	407 feet to the ESE	Hazardous Waste Generator/Transporter
177	CON EDISON	FO 257 HALSEY ST	411 feet to the NNE	Hazardous Waste Generator/Transporter
178	CON EDISON	FO 257 HALSEY ST	411 feet to the NNE	Hazardous Waste Generator/Transporter
158	WOLF GOLD INC	43 MCDONOUGH STREET	418 feet to the WSW	Petroleum Bulk Storage Site
159	BENRO PROPERTIES INC	43 MAC DONOUGH ST	418 feet to the WSW	Petroleum Bulk Storage Site
179	CON EDISON	FO 114 MCDONOUGH ST	428 feet to the ESE	Hazardous Waste Generator/Transporter
180	CON EDISON	292 HALSEY ST	433 feet to the NE	Hazardous Waste Generator/Transporter
181	CON EDISON	FRONT OF 13 DECATUR ST	443 feet to the SSE	Hazardous Waste Generator/Transporter
182	CON EDISON	27 DECATUR ST	445 feet to the SE	Hazardous Waste Generator/Transporter
128	GROUND TRANSFORMER 2474	DECATUR ST & THOMPSON	464 feet to the S	Closed Status Spill (Misc. Spill Cause)
183	CONSOLIDATED EDISON	75474–TOMPKINS & DECATUR AVE	464 feet to the S	Hazardous Waste Generator/Transporter
184	CONSOLIDATED EDISON	TOMPKINS AVE & DECATUR ST	464 feet to the S	Hazardous Waste Generator/Transporter
185	MTA NYCT DECATUR SUBSTATION	DECATUR AVE & TOMPKINS ST	464 feet to the S	Hazardous Waste Generator/Transporter
28	SERVICE BOX 20281	257 HALSEY ST	476 feet to the NNE	Closed Status Spill (Unk/Other Cause)
160	119 MCDONOUGH STREET	119 MACDONOUGH STREET	492 feet to the E	Petroleum Bulk Storage Site
9	408 JAY/1427 FULTON /BKLN	1427 FULTON/408 JAY ST	500 feet to the SSW	Closed Status Tank Failure
161	EUGENE OUTLER	4 DECATUR ST	508 feet to the S	Petroleum Bulk Storage Site
129	HOME	306 HALSEY ST	541 feet to the NE	Closed Status Spill (Misc. Spill Cause)
186	CON EDISON	FRONT OF 277 HALSEY ST	550 feet to the NE	Hazardous Waste Generator/Transporter
187	CON EDISON	FRONT OF 277 HALSEY ST	550 feet to the NE	Hazardous Waste Generator/Transporter

196	BLACKSTAR &SON PROD	1469 FULTON STREET	557 feet to the SSE	Air Discharge Site
197	BLACKSTAR &SON PROD	1469 FULTON STREET	557 feet to the SSE	Air Discharge Site
188	CON EDISON	FRONT OF 1427 FULTON ST	561 feet to the SSW	Hazardous Waste Generator/Transporter
162	C MING	290 HANCOCK ST	590 feet to the NNW	Petroleum Bulk Storage Site
29	SERVICE BOX 28444	28 MACDONOUGH ST	595 feet to the SW	Closed Status Spill (Unk/Other Cause)
189	CON EDISON	277 HALSEY ST	595 feet to the NE	Hazardous Waste Generator/Transporter
190	CON EDISON	314 HALSEY ST	609 feet to the NE	Hazardous Waste Generator/Transporter
191	CON EDISON	1409 FULTON ST	614 feet to the SW	Hazardous Waste Generator/Transporter
192	CON EDISON	FRONT OF 283 HALSEY ST	620 feet to the NE	Hazardous Waste Generator/Transporter
193	CON EDISON	FRONT OF 51 DECATUR ST	635 feet to the SE	Hazardous Waste Generator/Transporter
130	VACANT BLDG	201A HALSEY STREET	642 feet to the NW	Closed Status Spill (Misc. Spill Cause)
194	CON EDISON	O/F 285A HALSEY ST	642 feet to the NE	Hazardous Waste Generator/Transporter
163	INTERMEDIATE SCHOOL 258 – BROOKLYN K258	141 MACON STREET	647 feet to the WNW	Petroleum Bulk Storage Site
195	JUNIOR HIGH SCHOOL 258 K	141 MACON ST	652 feet to the W	Hazardous Waste Generator/Transporter
164	COLIN NILES	1403 FULTON ST	655 feet to the SW	Petroleum Bulk Storage Site
30	SERVICE BOX 19871	1403 FULTON ST	657 feet to the SW	Closed Status Spill (Unk/Other Cause)
31	SERVICE BOX 43000	413 TOMPKINS AVE	689 feet to the N	Closed Status Spill (Unk/Other Cause)
131	285 HANCOCK ST.	285 HANCOCK ST	786 feet to the NW	Closed Status Spill (Misc. Spill Cause)
32	SERVICE BOX 19884	1478 FULTON ST	788 feet to the SSE	Closed Status Spill (Unk/Other Cause)
33	SERVICE BOX #19870	1381 FULTON ST	795 feet to the WSW	Closed Status Spill (Unk/Other Cause)
34	MANHOLE # 3214	DECATUR ST & THROOP AVE	849 feet to the ESE	Closed Status Spill (Unk/Other Cause)
35	MANHOLE TM1457	CENTER OF DECATUR ST	849 feet to the ESE	Closed Status Spill (Unk/Other Cause)
36	SERVICE BOX 21398	IFO 369 JEFFERSON AVE	925 feet to the N	Closed Status Spill (Unk/Other Cause)
37	MANHOLE 3239	MARCY AVE / HALSEY ST	943 feet to the WNW	Closed Status Spill (Unk/Other Cause)
38	MANHOLE 3208	MARCY AVE+FULTON STREET	971 feet to the WSW	Closed Status Spill (Unk/Other Cause)
3	355 JEFFERSON AVE	355 JEFFERSON AVE	980 feet to the N	Active Haz Spill (Unknown/Other Cause)
39	SB 21408	369 JEFFERSON AVE	996 feet to the N	Closed Status Spill (Unk/Other Cause)
40	SERVICE BOX 21408	369 JEFFERSON AVE	996 feet to the N	Closed Status Spill (Unk/Other Cause)
132	ABANDON HOUSE	369A JEFFERSON AVE	999 feet to the N	Closed Status Spill (Misc. Spill Cause)
41	260 HERKIMER STREET	260 HERKIMER STREET	1015 feet to the SSW	Closed Status Spill (Unk/Other Cause)
42	SB 19864	1367 FULTON ST	1015 feet to the WSW	Closed Status Spill (Unk/Other Cause)
43	MANHOLE 19894	1512 FULTON ST	1062 feet to the SE	Closed Status Spill (Unk/Other Cause)
44	IN SUBWAY GRATING	1533 FULTON ST	1068 feet to the ESE	Closed Status Spill (Unk/Other Cause)
45	LOUIS FREEMAN	163A HALSEY ST	1078 feet to the WNW	Closed Status Spill (Unk/Other Cause)
133	CON EDISON TRANSFORMER MANHOLE #2010	FULTON AVENUE AND NEW YORK AVENUE	1083 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
10	420 JEFFERSON AVE/BKLYN	420 JEFFERSON AVENUE	1112 feet to the NE	Closed Status Tank Failure
46	389 HERKIMER ST	389 HERKIMER ST	1147 feet to the SE	Closed Status Spill (Unk/Other Cause)
4	LAB RESULTS	1520 FULTON ST	1150 feet to the SE	Active Haz Spill (Unknown/Other Cause)
47	MANHOLE #3256	PUTNAM AVE	1163 feet to the NNW	Closed Status Spill (Unk/Other Cause)
48	MANHOLE 5256	PUTNAM AVE/TOMPKINS AVE	1163 feet to the NNW	Closed Status Spill (Unk/Other Cause)
49	VAULT 3538	PUTNAM AVE/THOMPKNIN SAVE	1163 feet to the NNW	Closed Status Spill (Unk/Other Cause)
50	AMOCO	1381 ATLANTIC AVE	1171 feet to the SSW	Closed Status Spill (Unk/Other Cause)
51	157 HALSEY ST	157 HALSEY ST	1187 feet to the WNW	Closed Status Spill (Unk/Other Cause)
52	400 HANCOCK ST	400 HANCOCK STREET	1195 feet to the NE	Closed Status Spill (Unk/Other Cause)
134	400 HANCOCK STREET	400 HANCOCK STREET	1195 feet to the NE	Closed Status Spill (Misc. Spill Cause)
135	SPILL NUMBER 0202203	1355 ATLANTIC AVE	1234 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
53	MANHOLE #64705	NEW YORK AVE AT HERKIMER ST	1246 feet to the SW	Closed Status Spill (Unk/Other Cause)
54	SB 32193	443 PUTNAM AVE	1257 feet to the N	Closed Status Spill (Unk/Other Cause)
55	X	459 PUTNAM AVE	1287 feet to the N	Closed Status Spill (Unk/Other Cause)
56	SERVICE BOX #19891	IFO 1555 FULTON ST	1319 feet to the ESE	Closed Status Spill (Unk/Other Cause)
57	SERVICE BOX 20586	200 HANCOCK ST	1327 feet to the WNW	Closed Status Spill (Unk/Other Cause)
19	CITGO	1450 ATLANTIC AVENUE	1349 feet to the S	Closed Status Tank Test Failure
58	RESIDENCE	205 HANCOCK ST	1386 feet to the WNW	Closed Status Spill (Unk/Other Cause)

11	62 BROOKLYN AVE.	62 BROOKLYN AVE	1399 feet to the SSW	Closed Status Tank Failure
59	SB20585	190 HANCOCK ST	1410 feet to the WNW	Closed Status Spill (Unk/Other Cause)
12	FARROW HOME	133 HALSEY STREET	1431 feet to the W	Closed Status Tank Failure
60	APARTMENT BUILDING	522 PUTMAN AVE	1431 feet to the NNE	Closed Status Spill (Unk/Other Cause)
61	IFO 184 HANCOCK ST	184 HANCOCK ST	1470 feet to the WNW	Closed Status Spill (Unk/Other Cause)
6	MATHIEU RESIDENCE	123A HALSEY STREET	1516 feet to the W	Active Haz Spill (Misc. Spill Cause)
62	RAY BIGGS RESIDENCE	189 HANCOCK ST	1525 feet to the WNW	Closed Status Spill (Unk/Other Cause)
63	SPILL NUMBER 0012431	178 HANCOCK ST	1531 feet to the WNW	Closed Status Spill (Unk/Other Cause)
136	RESIDENCE	147 HERKIMER ST	1534 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
64	BASEMENT	16 AGATE COURT	1545 feet to the SE	Closed Status Spill (Unk/Other Cause)
65	145 HERKIMER ST	145 HERKIMER ST	1552 feet to the WSW	Closed Status Spill (Unk/Other Cause)
66	SPILL NUMBER 0001087	145 HERKIMER ST	1552 feet to the WSW	Closed Status Spill (Unk/Other Cause)
67	12 AGATE COURT	12 AGATE COURT	1568 feet to the SE	Closed Status Spill (Unk/Other Cause)
68	GAMBLE HOME	471 JEFFERSON AVE	1601 feet to the NE	Closed Status Spill (Unk/Other Cause)
13	157 DECATUR STREET	157 DECATUR STREET	1676 feet to the E	Closed Status Tank Failure
69	209172; HERKIMER ST; SB20902 BUILDING LINE	HERKIMER ST; SB20902 BUILDING LINE	1727 feet to the WSW	Closed Status Spill (Unk/Other Cause)
70	832 MARCY AVENUE	832 MARCY AVENUE	1730 feet to the NW	Closed Status Spill (Unk/Other Cause)
71	SUBWAY RESTAURANT	36 MACON STREET	1749 feet to the W	Closed Status Spill (Unk/Other Cause)
72	306 MONROE STREET	306 MONROE STREET	1766 feet to the NNW	Closed Status Spill (Unk/Other Cause)
73	85 KINGSTON AVE	85 KINGSTON AVE	1796 feet to the SSE	Closed Status Spill (Unk/Other Cause)
20	NYC PUBLIC SCHOOL PS44	432 MONROE ST	1837 feet to the NNE	Closed Status Tank Test Failure
74	MANHOLE 2149	MONROE ST/THROOP AVE	1844 feet to the NNE	Closed Status Spill (Unk/Other Cause)
7	COMMERCIAL PROPERTY	1289 FULTON STREET	1851 feet to the WSW	Active Haz Spill (Misc. Spill Cause)
75	JOHNSON HOME	1484 PACIFIC STREET	1861 feet to the SSE	Closed Status Spill (Unk/Other Cause)
76	ALBANY STREET & ATLANTIC	ALBANY ST & ATLANTIC AVE.	1862 feet to the SE	Closed Status Spill (Unk/Other Cause)
77	VS 7015	ATLANTIC AVE/ALBANY AVE	1862 feet to the SE	Closed Status Spill (Unk/Other Cause)
8	PRIVATE RESD	1488 PACIFIC ST	1881 feet to the SSE	Active Haz Spill (Misc. Spill Cause)
78	SERVICE BOX SB31300	534 GATES AVE	1891 feet to the N	Closed Status Spill (Unk/Other Cause)
79	NOSTRAND AVE/ MARCY AVE.	250 MADISON ST	1897 feet to the NW	Closed Status Spill (Unk/Other Cause)
14	CONSTRUCTION SITE	500 NOSTRAND AVE	1899 feet to the W	Closed Status Tank Failure
80	500 NORSTRAND AVE	500 NOSTRAND AVENUE	1899 feet to the W	Closed Status Spill (Unk/Other Cause)
81	550 GATES AVE	550 GATES AVE	1906 feet to the N	Closed Status Spill (Unk/Other Cause)
82	291-A MONROE STREET	2910A MONROE STREET	1907 feet to the NNW	Closed Status Spill (Unk/Other Cause)
83	MANHOLE 30571	276 MONROE ST	1959 feet to the NW	Closed Status Spill (Unk/Other Cause)
84	1302 PACIFIC	1302 PACIFIC STREET	2000 feet to the SW	Closed Status Spill (Unk/Other Cause)
21	CLOSED-LACKOF RECENT INFO	584 GATES AVENUE	2002 feet to the N	Closed Status Tank Test Failure
22	SUNOCO SVC STATION TTF	482 THROOP AVE	2002 feet to the N	Closed Status Tank Test Failure
5	RESIDENCE	415 MONROE STREET	2016 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
85	SERVICE BOX 28337	102 KINGSTON AVE	2017 feet to the SSE	Closed Status Spill (Unk/Other Cause)
15	462 NOSTRAND AVENUE	462 NOSTRAND AVENUE	2051 feet to the WNW	Closed Status Tank Failure
86	SERVICE BOX	555 GATES AVE	2061 feet to the N	Closed Status Spill (Unk/Other Cause)
137	VAULT # 5467	NEW YORK AV/DEAN ST	2062 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
138	RAILROAD OVERPASS	ATLANTIC AVE/NOSTRAND AVE	2094 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
87	PAMOJA HOUSE	357 MARCUS DARBY BLVD	2111 feet to the NE	Closed Status Spill (Unk/Other Cause)
139	612 PUTNAM AVE	612 PUTNAM AVE	2111 feet to the NE	Closed Status Spill (Misc. Spill Cause)
23	SPILL NUMBER 0104978	92 HERKIMER ST	2113 feet to the WSW	Closed Status Tank Test Failure
88	SERVICE BOX #31304	607 GATES AVE	2116 feet to the N	Closed Status Spill (Unk/Other Cause)
89	SERVICE BOX#	ALBANY AVE/REVERE PLACE	2125 feet to the SSE	Closed Status Spill (Unk/Other Cause)
90	SERVICE BOX 20570	129 HANCOCK ST	2142 feet to the W	Closed Status Spill (Unk/Other Cause)
91	SERVICEBOX 21368	172 JEFFERSON AVE	2143 feet to the WNW	Closed Status Spill (Unk/Other Cause)
92	SERVICE BOX 19328	IFO 1249 DEAN ST	2146 feet to the SW	Closed Status Spill (Unk/Other Cause)
140	ARMSTRONG HOUSING / 370 L	ARMSTRONG HOUSING	2165 feet to the NNW	Closed Status Spill (Misc. Spill Cause)
93	RESIDENCE	65 HALSEY ST	2168 feet to the W	Closed Status Spill (Unk/Other Cause)

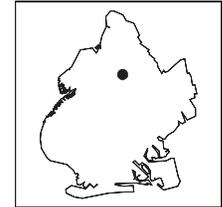
94	RESIDENCE	439 MONROE ST	2170 feet to the NNE	Closed Status Spill (Unk/Other Cause)
141	#2 FUEL SPILL AND VAPOR COMPLAINTS	119 BROOKLYN AVENUE	2170 feet to the S	Closed Status Spill (Misc. Spill Cause)
142	GROUND	378 LEWIS AVE	2246 feet to the E	Closed Status Spill (Misc. Spill Cause)
143	RESIDENCE	376 LEWIS AVE	2246 feet to the E	Closed Status Spill (Misc. Spill Cause)
95	SERVICE BOX 20892	72 HERKIMER ST	2270 feet to the WSW	Closed Status Spill (Unk/Other Cause)
96	SERVICE BOX 20892	72 HERKIMER ST	2270 feet to the WSW	Closed Status Spill (Unk/Other Cause)
97	789 ST.MARKS AVE/BKLYN	805 ST. MARKS AVENUE	2291 feet to the SSW	Closed Status Spill (Unk/Other Cause)
144	SPILL NUMBER 0205548	MACON ST & LEWIS AVE	2331 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
98	APARTMENT BLDG	492 MONROE ST	2339 feet to the NE	Closed Status Spill (Unk/Other Cause)
16	WOLF AMOCO STATION	1581 ATLANTIC AVE	2363 feet to the ESE	Closed Status Tank Failure
145	831 ST MARKS AVE	831 ST MARKS AVE	2368 feet to the S	Closed Status Spill (Misc. Spill Cause)
24	RESIDENTIAL	891 ST. MARKS AVE	2374 feet to the S	Closed Status Tank Test Failure
146	ACROSS THE STREET FROM	27 HERKIMER PL	2378 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
99	328 QUINCY ST	328 QUINCY ST	2382 feet to the NW	Closed Status Spill (Unk/Other Cause)
100	MANHOLE 2145	500 QUINCY ST	2392 feet to the NNE	Closed Status Spill (Unk/Other Cause)
101	IFO LADY TEXT	1218 FULTON ST	2400 feet to the WSW	Closed Status Spill (Unk/Other Cause)
147	HOUSE	225 DECATUR AVE	2402 feet to the E	Closed Status Spill (Misc. Spill Cause)
102	VAULT #7909	QUINCY ST / MARCY AVE	2406 feet to the NNW	Closed Status Spill (Unk/Other Cause)
103	MANHOLE #19917	FULTON ST & TROY AV	2440 feet to the ESE	Closed Status Spill (Unk/Other Cause)
104	CON EDISON SERVICE BOX 6513	SAINT MARK'S AVE & BROOKLYN AVE	2456 feet to the S	Closed Status Spill (Unk/Other Cause)
105	MANHOLE 4581	ST MARKS AT/BROOKLYN AV	2456 feet to the S	Closed Status Spill (Unk/Other Cause)
148	VAULT # 4016	ST. MARKS AVE AND BROOKLY	2456 feet to the S	Closed Status Spill (Misc. Spill Cause)
17	909 ST MARKS AVE	909 ST MARKS AVE	2458 feet to the SSE	Closed Status Tank Failure
18	RESIDENCE	236 PUTNAM AVE	2466 feet to the WNW	Closed Status Tank Failure
106	PRIVATE RESIDENCE	310 LEWIS AVE	2471 feet to the ENE	Closed Status Spill (Unk/Other Cause)
107	MANHOLE 3154	MONROE ST/NOSTRAND AV	2472 feet to the NW	Closed Status Spill (Unk/Other Cause)
149	ATLANTIC AVE AND	TROY AVE	2483 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
150	CULPEPPER RESIDENCE	235 DECATUR STREET	2490 feet to the E	Closed Status Spill (Misc. Spill Cause)
108	TM983 - LEXINGTON AV &	TOMPKINS AV	2511 feet to the N	Closed Status Spill (Unk/Other Cause)
109	TRANSFORMER MANHOLE 983	LEXINGTON AV & TOMPKINS A	2511 feet to the N	Closed Status Spill (Unk/Other Cause)
110	MANHOLE 4580	OPPOSITE OF 803 ST MARKS	2511 feet to the SSW	Closed Status Spill (Unk/Other Cause)
111	CONSTRUCITON SITE	494 HALSEY STREET	2527 feet to the ENE	Closed Status Spill (Unk/Other Cause)
112	SERVICE BOX #32169	255 PUTNAM AVE	2547 feet to the WNW	Closed Status Spill (Unk/Other Cause)
113	451 HALSEY STREET	451 HALSEY STREET	2552 feet to the ENE	Closed Status Spill (Unk/Other Cause)
25	850 SAINT MARKS OWNERS CO	850 SAINT MARKS AVE	2563 feet to the S	Closed Status Tank Test Failure
114	APARTMENT - MISC	850 ST MARKS PLACE	2563 feet to the S	Closed Status Spill (Unk/Other Cause)
115	APT BLDG	1249 PACIFIC ST	2565 feet to the WSW	Closed Status Spill (Unk/Other Cause)
116	SERVICE BOX 20307	453 HALSEY ST	2568 feet to the ENE	Closed Status Spill (Unk/Other Cause)
117	BKLYN CHILDRENS MUSEUM	145 BROOKLYN AVE	2583 feet to the S	Closed Status Spill (Unk/Other Cause)
118	OIL SPILL ON TRUCK	480 LEXINGTON AVE	2587 feet to the N	Closed Status Spill (Unk/Other Cause)
119	959 ST. MARK'S AVE/BKLYN	959 ST. MARK'S AVENUE	2589 feet to the SSE	Closed Status Spill (Unk/Other Cause)
151	SPILL NUMBER 9801098	959 ST MARK'S AVENUE	2589 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
152	B S R HOUSING DEVELOPMENT	959 ST MARK'S AVENUE	2589 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
120	ROADWAY	LEWIS AND PUTNAM AVE	2602 feet to the NE	Closed Status Spill (Unk/Other Cause)
121	TM 960	PUTNAM AVE/LEWIS AVE.	2602 feet to the NE	Closed Status Spill (Unk/Other Cause)
122	MANHOLE #SB33306	IFO 1224 PACIFIC ST	2635 feet to the WSW	Closed Status Spill (Unk/Other Cause)



# Toxics Targeting 1 Mile Radius Map

461-463 Tompkins Avenue  
Brooklyn, NY 11216

Elevation above Sea Level: 53 feet



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



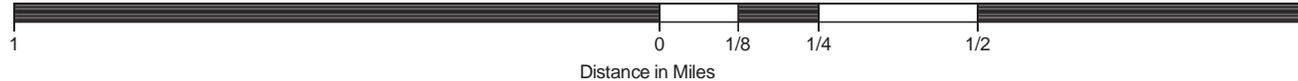
1/2 Mile Radius



1/4 Mile Radius



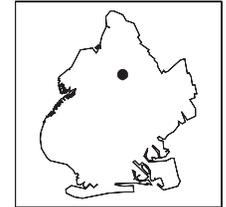
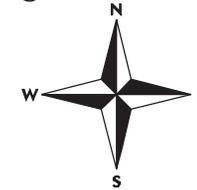
1/8 Mile Radius



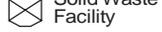
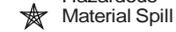
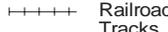
# Toxics Targeting 1/2 Mile Radius Map

461-463 Tompkins Avenue  
Brooklyn, NY 11216

Elevation above Sea Level: 53 feet



Kings County

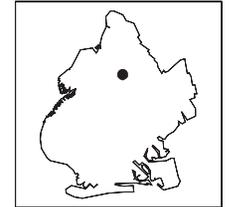
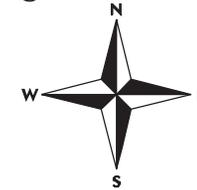
-  Delisted NPL Site
-  CERCLIS Superfund Non-NFRAP Site
-  CERCLIS Superfund NFRAP Site
-  Hazardous Waste Treater, Storer, Disposer
-  Hazardous Substance Waste Disposal Site
-  Solid Waste Facility
-  Brownfields Site
-  Hazardous Material Spill
-  Site Location
-  Waterbody
-  County Border
-  Railroad Tracks
-  1 Mile Radius
-  1/2 Mile Radius
-  1/4 Mile Radius
-  1/8 Mile Radius



# Toxics Targeting 1/8 Mile Radius Map

461-463 Tompkins Avenue  
Brooklyn, NY 11216

Elevation above Sea Level: 53 feet



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

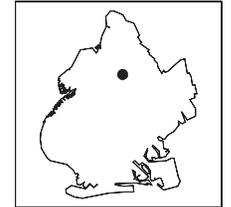
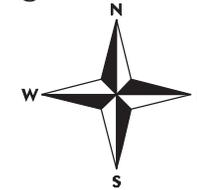
- Site Location
- County Border
- 1/8 Mile Radius
- Waterbody
- Railroad Tracks
- 250 Foot Radius



# Toxics Targeting 1/8 Mile Closeup Map

461-463 Tompkins Avenue  
Brooklyn, NY 11216

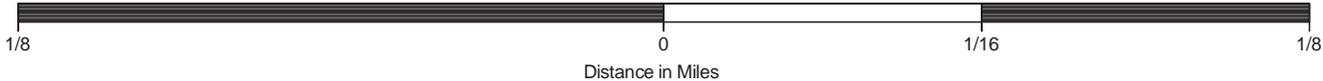
Elevation above Sea Level: 53 feet



Kings County



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

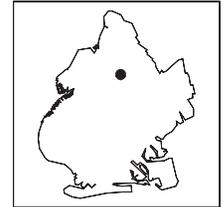
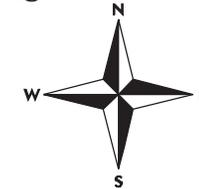


\* 1 Mile Search Radius  
\*\*\*\* 1/8 Mile Search Radius  
\*\* 1/2 Mile Search Radius  
\*\*\*\*\* Onsite Search (250 Ft)

# Toxics Targeting Tax Parcel Map

461-463 Tompkins Avenue  
Brooklyn, NY 11216

Elevation above Sea Level: 53 feet



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                                   | Petroleum Bulk Storage Facility            |
| Wastewater Discharge                            | Historic Utility Site                      |
| Hazardous Waste Generator, Transp.              | Air Release                                |
| Enforcement Docket Facility                     | Remediation Site Borders                   |
| Env Qual Review E Designation                   | Site Location                              |
| County Border                                   | Waterbody                                  |
|   | Railroad Tracks                            |

# Tax Parcel Information Table

**461-463 Tompkins Avenue  
Brooklyn, NY 11216**

## Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01852-0009	TOMPKINS AVENUE	HOUSING PRESERVATION	R6A	V1	0		90000	2000
3-01852-0008	463 TOMPKINS AVENUE	HOUSING PRESERVATION	R6A	V1	0		90000	2000

## Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01851-0032	174 MACON STREET	IGLESIAS MIGUEL	R6B	C3	1	1899	30965	2000
3-01851-0047	57 MAC DONOUGH STREET	LEWIS, MICHELLE C	R6B	C0	1	1899	15426	2000
3-01846-0023	284 HALSEY STREET	WAVERLY, KELLAN	R6B	B3	1	1899	13708	1800
3-01851-0034	178 MACON STREET	HERNANDEZ, MARIA E	R6A	C0	1	1900	25724	2000
3-01852-0020	208 MACON STREET	BOYD, MATTIE	R6B	C0	1	1899	12565	1600
3-01852-0021	210 MACON STREET	HARRIS OLIVER	R6B	B1	1	1899	12565	1095
3-01851-0038	456 TOMPKINS AVENUE	PARSONS, MARK C	R6A	S1	1	1910	6420	469
3-01851-0029	168 MACON STREET	CODRINGTON, SANDRA	R6B	B3	1	1910	18170	2000
3-01846-0017	272A HALSEY STREET	FARBMAN, RICHARD	R6B	B3	1	1899	15078	1900
3-01846-0022	282 HALSEY STREET	BURNETT RUTH SOLE DEV	R6B	B3	1	1899	14380	1800
3-01855-0018	96 MAC DONOUGH STREET	PRESCOD, TONI	R6B	B1	1	1899	19556	2000
3-01846-0025	288 HALSEY STREET	JUDITH V HUSBANDS	R6B	B3	1	1899	13708	1800
3-01855-0021	102 MAC DONOUGH STREET	GREGORY LEWIS	R6B	C0	1	1899	20551	2000
3-01855-0011	82 MAC DONOUGH STREET	GROSVENOR PAUL H	R6A R6B	C0	1	1899	19556	2000
3-01851-0037	184 MACON STREET	BARBARA SAUNDERSON	R6A	B9	2	1901	20901	2031
3-01852-0065	99 MAC DONOUGH STREET	EVANS, SYLVIA M	R6B	B1	1	1899	20948	2400
3-01846-0078	203 MACON STREET	ROSA LATTIMER	R6B	C1	1	1900	40098	2500
3-01846-0069	221 MACON STREET	HELEN L KEARNEY	R6B	B9	1	1910	12662	1875
3-01846-0065	229 MACON STREET	LAMONT JR, JOHN I	R6B	B9	1	1910	12662	1875
3-01845-0100	446 TOMPKINS AVENUE	JOINTLY OWNED PLAYGRO	R6B R6A	Q2	1	1931	565650	57291
3-01855-0014	88 MAC DONOUGH STREET	P JOHNSON	R6B	C3	1	1905	26731	2000
3-01846-0019	276 HALSEY STREET	JOHNSON PHYLLIS	R6B	C0	1	1899	14380	1800
3-01846-0007	443 TOMPKINS AVENUE	AMBROZINE P DUNCAN	R6A	C2	1	1910	21717	2000
3-01851-0049	53 MAC DONOUGH STREET	MORDECHAI, MAYA	R6B	B1	1	1899	15426	2000
3-01855-0007	74 MAC DONOUGH STREET	74 MACDONOUGH STREET	R6A	C2	1	1910	74896	2010
3-01852-0066	97 MAC DONOUGH STREET	WYNS, JAMES W	R6B	A4	2	1899	30854	12000
3-01846-0014	268 HALSEY STREET	SHEILA BEES	R6B	B3	1	1910	13012	2000
3-01855-0015	90 MAC DONOUGH STREET	JOSEPH HAYWOOD	R6B	B3	1	1899	19556	2000
3-01852-0001	475 TOMPKINS AVENUE	RALEIGH CORPORATION	R6A	C1	1	1900	78192	3508
3-01852-0012	200 MACON STREET	UNITED ORDER OF TENTS	R6B	M1	1	1910	243450	20000
3-01846-0002	453 TOMPKINS AVENUE	SHAHID, ABDUS	R6A	C7	1	1910	56807	2800
3-01846-0006	445 TOMPKINS AVENUE	JEFFERSON CLUSTER L.P	R6A	C2	1	1931	91288	1950
3-01846-0070	219 MACON STREET	CLEO NEALIOUS AS SURV	R6B	C0	1	1910	12662	1875
3-01855-0013	86 MAC DONOUGH STREET	AUDRA BARROW	R6B	C0	1	1899	18412	2000
3-01855-0017	94 MAC DONOUGH STREET	LOVELACE, DOLORES NIX	R6B	C0	1	1899	18412	2000
3-01846-0008	441 TOMPKINS AVENUE	MAZYCK, ANDRE	R6A	C3	1	1910	21717	2000
3-01851-0031	172 MACON STREET	GRIFFITH BRIAN	R6B	C3	1	1910	41693	2000

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
3-01846-0074	211 MACON STREET	VYSEMAC, INC.	R6B	G7	1		33750	1875
3-01846-0016	272 HALSEY STREET	MICHAEL FYNES	R6B	A5	1	1910	14380	2000
3-01846-0009	437 TOMPKINS AVENUE	HAISEY-TOMPKINS REALT	R6A	C7	4	1910	261000	4000
3-01852-0017	202 MACON STREET	HAGLER, KYLE	R6B	B3	1	1899	12565	1600
3-01855-0016	92 MAC DONOUGH STREET	LEONARD E SPEARS JR	R6B	C0	1	1899	18412	2000
3-01846-0067	225 MACON STREET	COX, SANDRA	R6B	B9	1	1910	12662	1875
3-01855-0019	98 MAC DONOUGH STREET	MANNING, GERTRUDE ATH	R6B	B3	1	1899	19556	2000
3-01846-0066	227 MACON STREET	DOREEN PRINCE	R6B	B9	1	1910	10872	1875
3-01846-0015	270 HALSEY STREET	TEN BEDSTY LLC	R6B	B3	1	1910	12662	2000
3-01846-0068	223 MACON STREET	GRIFFITH ALICE	R6B	B9	1	1910	12662	1875
3-01846-0072	215 MACON STREET	RENITA MILLER	R6B	B9	1	1910	12662	1875
3-01852-0018	204 MACON STREET	ANDREA ANTHONY	R6B	B3	1	1899	9454	1600
3-01851-0030	170 MACON STREET	JOHN WESLEY BROWN III	R6B	B3	1	1899	17143	2000
3-01846-0021	280 HALSEY STREET	LYNCH EDWINA	R6B	C0	1	1899	14380	1800
3-01851-0046	59 MAC DONOUGH STREET	KW 59 MACDONOUGH LLC	R6B	A4	1	1931	17914	2000
3-01846-0077	205 MACON STREET	NOBLE, NORLYN R	R6B	C0	1	1899	23737	2500
3-01851-0039	69 MAC DONOUGH STREET	STY HTS CHRISTIAN CH	R6A R6B	M1	1	1931	690750	12500
3-01855-0009	78 MAC DONOUGH STREET	JARJEAM R FELTON	R6A	C2	1	1910	56916	1800
3-01846-0020	278 HALSEY STREET	MENTORE, ERROL	R6B	C0	1	1899	14380	1800
3-01846-0079	197 MACON STREET		R6A	C0	1	2004	30060	1104
3-01855-7501	76 MAC DONOUGH STREET		R6A	R6	1	1899	12480	1815
3-01846-0004	451 TOMPKINS AVENUE	PERRY, GLADYS	R6A	S2	1	1910	15078	2300
3-01846-0001	195 MACON STREET	MIN, SAL YOUNG	R6A	C0	1	2004	26700	1100
3-01851-0048	55 MAC DONOUGH STREET	JOSEPH, DUCILLA	R6B	B3	1	1899	6842	2000
3-01846-0076	207 MACON STREET	ELRINGTON, ALBERT	R6B	C0	1	1910	9478	1875
3-01846-0071	217 MACON STREET	BLACKWOOD BRUCE U	R6B	C0	1	1910	12662	1875
3-01855-0010	80 MAC DONOUGH STREET	JESSAMY, WINFIELD	R6A	C2	1	1910	50850	1800
3-01852-0007	465 TOMPKINS AVENUE	ROBINSON, IAN S	R6A	B1	1	2004	30729	1983
3-01851-0036	182 MACON STREET	MCNISH, ZULMA	R6A	C3	1	1910	24715	2000
3-01855-0020	100 MAC DONOUGH STREET	KELVIN O DIAMOND	R6B	C1	1	1905	41583	2000
3-01846-0073	213 MACON STREET	VYSEMAC, INC.	R6B	G7	0		33750	1875
3-01846-0075	209 MACON STREET	ELRINGTON, ALBERT	R6B	C3	1	1910	7072	1875
3-01846-0024	286 HALSEY STREET	JONES MARLENE	R6B	B3	1	1899	13708	1800
3-01852-0022	212 MACON STREET	ELAINE O MCCOLLIN	R6B	C0	1	1899	15924	1473
3-01851-0033	176 MACON STREET	ROBERT WILLIAMS	R6A R6B	A4	1	1899	13186	2000
3-01852-0023	212A MACON STREET	SYLVIA BOYCE	R6B	C2	1	1900	32850	1480
3-01846-0005	447 TOMPKINS AVENUE	JEFFERSON CLUSTER L.P	R6A	C1	1	1900	122987	2750
3-01846-0012	264 HALSEY STREET	RAHIM, GLORIA	R6B	B2	1	1910	12340	2000
3-01852-0004	471 TOMPKINS AVENUE	JOSEPH, ADRIEN	R6A	S3	1	1910	30979	2008
3-01851-0035	180 MACON STREET	SANDY CASTILLO	R6A	C0	1	1899	30340	2000
3-01852-0006	467 TOMPKINS AVENUE	A.A.A. ENTERPRISES, L	R6A	V1	0		90000	2008
3-01846-0018	274 HALSEY STREET	HURWITZ & SONS RLTYIN	R6B	B3	1	1931	19047	1800
3-01855-0012	84 MAC DONOUGH STREET	CARGILL, PATRISHA	R6B	B3	1	1899	19556	2000
3-01852-0003	473 TOMPKINS AVENUE	GAMBLE MANAGEMENT INC	R6A	S3	1	1910	24902	2017
3-01852-0005	469 TOMPKINS AVENUE	WINNINGHAM ANDREWLYN	R6A	S5	1	1910	36974	2025
3-01846-0013	266 HALSEY STREET	JULY ENTERPRISES LLC	R6B	B3	1	1910	12340	2000
3-01852-0019	206 MACON STREET	CLARENCE STEWART	R6B	B3	1	1899	12565	1600
3-01854-0025	58 MAC DONOUGH STREET	1ST AFR M E ZION CH B	R6A R6B	M1	1	1910	1932750	27675
3-01852-0101	188 MACON STREET	BARBOUR, MARTHA	R6A	C0	1	2006	28238	1225
3-01852-0102	190 MACON STREET	BARBOUR, MARTHA	R6A	C0	1	2006	28238	1225

## 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;
- D<sub>1</sub>, 2, 3 -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed);
- C -- Remediation Complete (formerly D2).



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



***NO INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS***



***NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS***



***NO CERCLIS SUPERFUND SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***



***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.



***NO ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***



***NO ACTIVE TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***



**ACTIVE 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 1** **PERRY RESIDENSE** **Spill Number: 9804650** **Close Date:**  
 451 THOMPkins AVE BROOKLYN, NY TT-Id: 520A-0043-518

**MAP LOCATION INFORMATION** **ADDRESS CHANGE INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1) Revised street: 451 THOMPkins AVE  
 Approximate distance from property: 179 feet to the N\* Revised zip code: 11216

Source of Spill: PRIVATE DWELLING Spiller: PAUL SCAROLA – PERRY RESIDENSE Spiller Phone: (718) 628-3300  
 Notifier Type: Affected Persons Notifier Name: DRIVER Notifier Phone:  
 Caller Name: PAUL SCAROLA Caller Agency: PETRO FUEL Caller Phone: (718) 628-3300  
 DEC Investigator: vszhune Contact for more spill info: PERRY RES Contact Person Phone: (718) 622-6312

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
07/14/1998		UNKNOWN	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:

CALLER STATES THAT THE FUEL TANK RUPTURED AT A PATCH DURING FILLING

DEC Investigator Remarks:

3/16/06 – Nathan– Traced property to a billing address 699 Park Place, 718-622-6312, left message, have not received a return call. Next Step, continue attempts to contact owner determine if spill has been cleaned up.

3/31/09 – Austin – Transferred from Needs Reassignment to Zhune for further work to remediate and close – end

**Map Identification Number 2** **APT BLDG** **Spill Number: 1112881** **Close Date:**  
 489 TOMPKINS AVE BROOKLYN, NY TT-Id: 520A-0271-593

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 369 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: PROPERTY OWNER Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: RMPIPER Contact for more spill info: INV TUCKER Contact Person Phone: 2124423372

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
02/07/2012		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

basement floor, dirt, saturated with oil. 22 ppm voc

DEC Investigator Remarks:

Rep from city health dept was called to the site for the smell of oil. Basement below a barber shop. Piper sent to inspect.

**Map Identification Number 3**

**355 JEFFERSON AVE**  
355 JEFFERSON AVE

BROOKLYN, NY

**Spill Number: 0011230**

**Close Date:**

TT-Id: 520A-0039-938

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 980 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
Notifier Type: Local Agency  
Caller Name: GRAHAM MANIGAT  
DEC Investigator: hrpatel

Spiller: SAME  
Notifier Name: COAST GUARD  
Caller Agency: DEP  
Contact for more spill info: GEORGE

Spiller Phone:  
Notifier Phone:  
Caller Phone: (718) 595-6777  
Contact Person Phone: (718) 455-8761

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	
01/15/2001		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	274.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEMEO"

Site was assigned to C. Whitfield in the backlog initiative. File received from region consists of internal memo from DeMeo to supervisors seeking direction dated 1/16/2000, Legal summons and complaint for M&T Mortgage v. mortgagors & others for foreclosure dated 11/17/00, and fax from M&T Mortgage and their environmental consultant to DeMeo dated 2/8/01 stating that cleanup was to commence 2/9/01. The phone number given in that fax for M&T Property Preservation section is no longer in service. Attempts to find a new phone number were unsuccessful, however, I sent an e-mail through a link found on the web on 12/20/05. There was no response. Next step is to continue efforts to contact M&T mortgage for documentation.

4/2/09 - Austin - Transferred from Needs Reassignment to Patel for further work to remediate and close - end

06/03/09-Hiralkumar Patel.

found old file.



07/22/09-Hiralkumar Patel. discussed with DEC legal who suggests to send STIP.

address from deed:

Ade Ranti  
162-04 112th Road  
Jamaica, NY 11733

07/23/09-Hiralkumar Patel. discussed with DEC Austin. he asked to give STIP letter to ECO to serve.

1:25 PM:- gave STIP letter to Lt. Rivers. he will send someone next week.

07/29/09-Hiralkumar Patel. ECO Krug tried to serve documents on 07/25/09 but Mr. Ranti was not at home. he will try again.

08/03/09-Hiralkumar Patel.

1:45 PM:- received call from ECO Krug. he served papers to Mr. Ranti.

08/04/09-Hiralkumar Patel. received Affidavit of Personal Service from ECO Krug.

08/13/09-Hiralkumar Patel.

12:47 PM:- received message from Mr. Ranti.

1:27 PM:- spoke with Mr. Ranti. he tried to fax some documents, but no success. asked him to send copy of those documents via mail.

08/14/09-Hiralkumar Patel.

2:34 PM:- received letter from Mr. Ranti. he claimed that he is not responsible for spill as he wasn't the owner of the property when spill occurred.

08/17/09-Hiralkumar Patel.

9:37 AM:- spoke with Mr. Ranti. informed him that as he is the property owner now, he has to complete soil delineation and remediation, if required. he will talk to his consultant and will call back.

4:30 PM:- received message from Mr. Ranti.

08/18/09-Hiralkumar Patel.

11:04 AM:- spoke with Mr. Ranti. he sent some other documents in mail.

1:21 PM:- received email from Mr. Ranti. he claimed that hs is the fourth owner of the property after spill incident and can't sign stipulation.

1:25 PM:- spoke with Mr. Ranti. explained him that he is the property owner and he is responsible for cleanup of any contamination. he refused to sign stipulation.

08/19/09-Hiralkumar Patel. after discussing with DEC Austin, case referred to legal.

09/25/09-Hiralkumar Patel. spoke with DEC legal. notice sent to Mr. Ranti.

11/20/09-Hiralkumar Patel. spoke with DEC legal. hand delivered document for prehearing conf. on 10/22/09, but no response.

03/01/10-Hiralkumar Patel. met Mr. Ranti in office as he was here for settlement with DEC Legal. Mr. Ranti signed consent order

and is looking for contractor.

04/28/10–Hiralkumar Patel.

12:27 PM:– left message for Mr. Ranti.

12:52 PM:– received message from Mr. Ranti. he requested another two weeks to hire contractor.

05/07/10–Hiralkumar Patel.

3:17 PM:– spoke with Mr. Ranti. he mentioned that he will call back with his consultant by 05/11/10.

05/18/10–Hiralkumar Patel.

12:33 PM:– received message from Dipo.

3:26 PM:– spoke with Dipo, consultant hired by Mr. Ranti. Dipo requested copy of previous letter.

Dipo Akabashorun

People's Environmental Inc.

Ph. (212) 693–4050

email: info@peoplesenviro.com

3:38 PM:– sent email to Dipo with copy of letter dated 07/01/09 and asked him to submit work schedule by the end of 06/04/10.

email copied to Mr. Ranti and DEC legal.

06/09/10–Hiralkumar Patel.

2:15 PM:– received letter report from Mr. Morse from Grant Engineering. Mr. Morse inspected the site. abstract of inspection report:

- site has three story structure with full unfinished basement
- as per Mr. Morse, the concrete flooring in the basement appeared to be constructed prior to the 2001 spill and floor was observed to be in excellent condition with no evidence of cracking or significant spalling (but as per DEC DeMeo, he found strong petroleum odor in basement and contaminated soils with 6–7 inches high stain on walls)
- no odors, staining or visual indicators of petroleum release were observed
- no PID detection

based on observations during the site inspection, Mr. Morse requested to close the case. but this document is not sufficient and requires soil investigation to confirm no sub–surface contamination.

Stephen Morse

Grant Engineering, PLLC.

Ph. (917) 273–8236

email: smorse@grantpllc.com

3:11 PM:– left message for Mr. Morse informing that current basement floor inspection report is not sufficient to close the case and the department still requires soil investigation.

3:36 PM:– sent email to Mr. Morse informing that the site inspection report is not sufficient to close the case. sent email to Mr. Ranti requiring submission of work plan, including scaled site map (with proposed sampling locations and existing

boiler/burner location), by the end of 06/18/10. email copied to DEC Urda.

06/29/10-Hiralkumar Patel.

3:25 PM:- spoke with Mr. Ranti about work plan. he will ask his consultant to call back.

06/30/10-Hiralkumar Patel.

5:23 AM:- received email from Mr. Morse with work plan. Mr. Morse proposes to install three soil borings to depth of 10 ft below basement floor near old tank and fill line locations. will collect two soil samples: one at highest PID and one at deepest dry zone. if no contamination found in soil boring, two soil samples will be collected at 6 inch and 12 inches above bottom of boring. if contamination found in soil, then boring will be advanced to groundwater and one water sample will be collected from 1 inch temporary well. Mr. Morse proposes to submit report by end of 08/31/10.

work plan is not approved yet, as proposes to install boring to 10 ft below grade (instead of 10 ft below basement floor).

07/01/10-Hiralkumar Patel.

10:11 AM:- left message for Mr. Morse to submit revised work plan with correction about boring depth.

07/02/10-Hiralkumar Patel.

2:41 PM:- received revised work plan including installation of borings to 10 ft below basement floor.

07/06/10-Hiralkumar Patel.

11:50 AM:- sent work plan approval letter to Mr. Ranti. letter emailed to Mr. Ranti and Mr. Morse.

08/24/10-Hiralkumar Patel. received email from Mr. Morse (at 10:46 AM on 08/23/10). he mentioned that they tried to collect soil samples, but no success due to space restriction. he is in process of contacting different contractors to complete investigation. he will submit new schedule this week.

09/13/10-Hiralkumar Patel.

9:26 AM:- spoke with Mr. Morse. he tried to install boring, but machine was not capable to work in space restriction. so, he is dealing with Zebra Environmental. asked him to provide work schedule by end of 09/17/10. he also mentioned, that during previous boring attempt, they went down to 2 ft depth and found petroleum odors in soil.

09/16/10-Hiralkumar Patel

10:59 AM:- received email from Mr. Morse. he has scheduled drilling on 09/29/10.

09/28/10-Hiralkumar Patel.

8:54 AM:- received email from Mr. Morse. he mentioned that drilling contractor (Summit Drilling) has rescheduled drilling work on 09/30/10.

09/30/10-Hiralkumar Patel.

10:00 AM:- visited site. met Mr. Morse and crew from summit drilling. they tried drilling, but found very tight sand soil. Mr. Morse will continue with planned three borings.

10/01/10-Hiralkumar Patel. received message from Mr. Morse (at 5:03 PM on 09/30/10). he mentioned that during installation of

second boring, bit broke. so they will re-schedule boring work.

11/10/10-Hiralkumar Patel. received email from Mr. Morse (at 2:04 AM on 11/04/10). they had scheduled re-drilling work on 11/08/10.

10/19/11-Hiralkumar Patel.  
11:26 AM:- spoke with Mr. Ranti regarding investigation report. he will call back after talking to contractor.

01/22/13-Hiralkumar Patel. received copy of Commissioner's Order dated 01/16/13, from DEC legal.

07/23/15-Hiralkumar Patel.  
11:14 AM:- spoke with Mr. Morse and inquired him about investigation report. he mentioned that the report was prepared but never released due to some financial issues with Mr. Ranti. asked him to provide sampling result tables and site map, if possible, for review. he will reply back after finding the report.

\*\*hold documents\*\*  
\*\*report due on 08/31/10.\*\*

<b>Map Identification Number 4</b> 	<b>LAB RESULTS</b> 1520 FULTON ST	BROOKLYN, NY	<b>Spill Number: 1503863</b>	<b>Close Date:</b> TT-Id: 520A-0308-951
<b>MAP LOCATION INFORMATION</b> Site location mapped by: PARCEL MAPPING (3) Approximate distance from property: 1150 feet to the SE		<b>ADDRESS CHANGE INFORMATION</b> Revised street: NO CHANGE Revised zip code: UNKNOWN		
Source of Spill: GASOLINE STATION OR PBS FACILITY	Spiller: PROPERTY OWNER	Spiller Phone:		
Notifier Type: Other	Notifier Name:	Notifier Phone:		
Caller Name:	Caller Agency:	Caller Phone:		
DEC Investigator: TJDEMEO	Contact for more spill info: NICK RECKIA	Contact Person Phone: (631) 759-2973		

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	
07/09/2015		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:

Caller received lab results showing unknown petroleum in the soil from an abandoned gas station. Clean up is pending.

DEC Investigator Remarks:

DEC Piper spoke with Nick Reccia. Site is E des and is under redevelopment with OER. Site will be dug out. RAP being drafted. Phase II will be sent to DEC Demeo.

<b>Map Identification Number 5</b>	<b>RESIDENCE</b>		<b>Spill Number: 1411416</b>	<b>Close Date:</b>
	415 MONROE STREET	BROOKLYN, NY		TT-Id: 520A-0306-568

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 2016 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: unk	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: SXMAHAT	Contact for more spill info: BATALLION 37	Contact Person Phone: (718) 965-8337

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/05/2015		OTHER	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	

Caller Remarks:

spilled onto basement floor, spill is isolated and being cleaned up. nothing affected

DEC Investigator Remarks:

3/5/15: Mahat  
 DEC Mahat contacted FDNY and confirmed that spill was minor and it was all contained. No other resources were impacted. DEC Mahat contacted Oil Company ( Paddy | 4th Ave Transportation @ 718.832.6057 ) and confirmed that clean up crew and mechanics are on the site for initial clean up.

A clean up report will be provided to the Department once it is ready.

3/19/15: Mahat

DEC Mahat contacted Oil company ( Ms. Paddy ) inquiring about the clean up reprot. She mentioned that clean up has been performed and a narrative clean up report will be provided to the Department.



10/24/09–Vought–Off hours primary responder. Spill was of approximately 150 gallons of #2 fuel oil caused by a misdelivery to wrong address. DEC Hotline received call from NYCDEP and indicated that they had no further spiller or site contact information as spill came in from 311. Spill hotline indicated that spiller was:

Ark Supply Company  
132 Stuyvesant Avenue  
Brooklyn, NY 11221  
Contact: Ursula  
Ph: (718)443–4579

Vought called NYCDEP Hazmat Jon Wilson (Ph:646–879–7329) (Wilson called in other unrelated spill during same day as was on shift) to see if he had any further information or was notified of spill. Wilson indicated that he was actually ten minutes away from site and had to wait for coworker as well but would be performing site inspection. Vought requested that Wilson call him back with initial site inspection results confirming there was a spill as it came in via 311. Wilson returned call and indicated that there were VOC's throughout the building and that the spill was indeed caused by a misdelivery of up to 150 gallons of #2 fuel oil. Wilson indicated that there was impacted concrete in the basement that required powerwashing as well as a 15 gallon overpacked drum of impacted sand (placed by FDNY who was onsite previously) used for absorbent. Wilson also indicated that the site owner:

Mr. Edwin Mathieu  
Ph: (718)607–2907  
Ph: (212)442–4807  
edwinm1804@hotmail.com

Ms. Nicole Halsey Mathieu  
Ph:(917)538–2241  
nicolenhalsey@gmail.com

and his wife and son lived on the first floor of the building and spill was to sub–basement. The supers wife and son were staying at grandparents home. As per Wilson, Mr. Mathieu indicated that the misdelivery occurred on Friday 10/23 at 1:45pm. The misdelivery was witnessed by the resident at 125 Halsey Street who was the correct recipient of the delivery (Ark Supply Company was her fuel oil supplier). Wilson and Mathieu did not have contact information for resident of 125 Halsey and she was not at home during time of Voughts call. As per Wilson, Mr. Mathieu indicated also that no delivery receipt was left by company and that he saw puddle of oil day during day of spill but puddle is no longer there (suggesting oil seepage into subsurface) and he also stated that when he discovered oil spill in basement, he was the one to notify 311 who in turn notified FDNY. Wilson indicated that initial cleanup should consist of powerwashing basement. Vought called Ark Supply Company and left very strong message that callback must be received immediately to avoid fines and penalties. Vought notified DEC Austin of spill and as per Austin, dispatched DEC Zhune to site. Vought later received call from ECO Mathis that he was onsite as well. Vought informed Austin and Zhune of ECO presence at site. Vought later spoke to DEC Austin and Zhune who confirmed that Mathieu and his family would be staying at relative's home for night and that if callback was not received from oil company by Sunday 10/25 that PIN Contractor would be hired to perform powerwash. Zhune indicated that spill is four story brownstone building. Other residents were not at home during DEC site visit however, Mr. Mathieu indicated that no complaints were received from upper floor tenants. Zhune also indicated that vapors on first floor (above the residence of Mr. Mathieu) were negligible via olfactory evidence.

10/24/09-Zhune responded to this site. ECOs were in the scene. Spoke to owner Edwin Mathieu. He said the oil company Ark Supply pumped 150 gallons of oil #2 in his basement causing the spill (Neighbor gave him a copy of the receipt. he paid for 150 gallons). This happened Friday I called the oil company several times and drove to the office they never showed up. Fire Department put sand on the spill removed it put it in a drum. Left drum in place. Owner said there was a level of liquid in the basement before F.D came the liquid seeped into the concrete. The floor is concrete with no cracks.

There is strong smell in the basement nobody occupies the basement. First floor and subbasement no oil smell noticed (Owner occupies first floor and subbasement). Second and third floor could not be inspected tenants were outside. Mr. Mathieu said tenants are not complaining. His wife and three month old baby stayed in his mother house. Jeff and ECO tried to contact Ark Supply. Before to leave the scene I instructed Mr. Mathieu that if DEC did not hear from the oil company Sunday morning a contractor would be hired to perform the clean up.

10/25/09- Zhune called Jeff at 10:00 am to check if heard from oil company. He said no. Zhune spoke to Randy. Randy instructed Jeff to make arrangement with contractor Fenley and Nicol Environmental. Called Jeff he said contractors will be in the site at 2:00pm. Contractors arrived at 4:00pm. Spoke to Mike Sepe and Mark Ferber from Fenley. They inspected the basement. Immediately they installed the ventilation system, sealed off basement and first floor and performed a surface investigation to see the extent of contamination. He said the concrete is very porous is not a good concrete. All oil was absorbed by the concrete. He said power wash is not going to work. They will remove the concrete.

10/25/09-Vought-Spoke to DEC Austin and Zhune and informed them that to date no callback received from oil company. Austin instructed Vought to mobilize Fenley and Nicol. Vought called and spoke to F&N Brian Linehan and he will mobilize vacuum truck and box truck to site for powerwash. Vought also instructed him to bring in ventilation unit as well. F&N estimated time of arrival at 2pm. Vought called and notified Mathieu, Zhune and Austin of 2pm contractor arrival time.

10/26/09-Vought-Called and spoke to NYSDOH Gerry McDonald (NYSDOH Hughes day off) and informed him of relocation and vapor impact and notified him that Vought would send email with spill report and would call him back with further information. Vought also received call from F&N Jason Fenley who requested CWA form and further instructions onsite. Vought told him that DEC would try to contact oil company one more time and then would call him back after discussion with DEC Austin. DEC Zhune informed Vought that F&N was unable to perform powerwash due to poor condition of concrete and desire not to drive seepage further. DEC Zhune installed ventilation system and sealed off basement and first floor. Vought called Ark Supply Company and spoke with manager (Kenny Hood fax:718-919-3713) who stated that he had just got off the phone and arranged a site visit with Mr. Mathieu for today at 12:30pm and he also expressed desire to comply with all of DEC's requirements. Vought explained spill history to date and that call must be placed to F&N to arrange private rate reimbursement if NYSOAG Spill Fund case was to be averted. Kenny indicated he would call F&N Jason Fenley immediately to arrange payment. Vought also noted to Kenny the initial scope of work, that he must provide for relocation of Mr. Mathieu and his family and decide on consultant today due to the relocation. Vought requested that Kenny return call immediately to Vought upon deciding a consultant. DEC Zhune will attend site visit today at 1:30pm as well. Vought called ECO Mathis and informed him of 12:30 site visit and he indicated that he would be at meeting as well. Vought spoke to F&N Fenley and he will also send someone to attend site visit. Fenley indicated that he spoke to Kenny and would be sending him private rate invoice.

11:30am-Vought received call from and spoke to Ark Supply Company (Kenny Hood) who indicated that he had spoke with F&N and requested invoice and that he also would be contacting Miller Environmental. Vought informed him that F&N would be onsite as well during meeting. Hood also confirmed he received faxed copy of spill report. Onsite meeting with DEC Zhune, Ark Supply (Kenny Hood), F&N (Brian Linehan), ECO Mathis and owner (Mr. Mathieu). Ark Supply Company has retained F&N to continue work as per F&N

Linehan. Linehan will perform begin with soil excavation due to poor condition of concrete and also to avoid remedial delays due to submission of boring samples and report generation as Mr. Mathieu's family relocated. Mr. Mathieu and family will be staying with grandparents while work is done.

10/27/09-Vought called and F&N Linehan (cell:516-768-1765) and linehan will be removing impacted plywood and debris today and sawcut concrete tomorrow and Hood signed paperwork. Negative air machine will be installed as opposed to two exhaust fans which are in operation and PID survey will be performed. DEC Zhune received a phone call from Mr. Mathieu who indicated that he would prefer to stay in a hotel and no longer stay at relatives house and he also inquired as to the health and safety of his tenants. Vought discussed with DEC Austin and DEC will request site visit to screen upper floors via email and will also contact Hood with respect to hotel for Mr Mathieu and family. Vought called Ark Supply (Hood) and left message to call back ASAP. Vought called Mr. Mathieu to discuss hotel relocation and left message to return call. Received email from F&N Linehan "Allow this email to serve as an update regarding the fuel oil spill at the above referenced site. As you know, we mobilized to the site today, October 27, 2009, to perform further spill clean up and prepare the site for remediation. Mr. Hood of Ark Supply Company had given us authority to return yesterday during a walk through of the site with Brian Linehan. In furtherance of same, we forwarded a written proposal to Mr. Hood detailing our rates to perform the further cleanup and remediation. After failing to receive a signed proposal, we called Mr. Hood and a contact at his office informed me that the matter had been forwarded to Ark's insurance company, Coverage Concepts, specifically being handled by a Mary Allen (Coverage Concepts can be reached at (631) 331-7700). In a conversation with Ms. Allen of Coverage Concepts, we were informed that a claim number was being established. However, at this time, we do not have a claim number from Coverage Concepts or a contract in place to secure payment for our ongoing services at the site. We will continue to keep you updated."

2:30pm-Vought-Spoke with Nicole Mathieu (Ph:917-538-2241) and requested that she inquire as to feasible local hotels to stay in. She indicated that she could stay in relatives home for one more night if need be but would like to stay in a hotel. Vought called and spoke to NYSDOH Hughes who will call Nicole to discuss relocation options. Vought called Ark Supply and spoke to Ursula and provided contact information for NYSDOH Hughes and requested that she contact Hughes to discuss NYSDOH relocation requirements. Vought called NYSDOH Hughes who confirmed that he discussed site with Nicole and she would be staying at relatives for tonight. Vought received email from NYCDOH Stallbohm that they will be performing site visit this afternoon to screen upper floors.

10/28/09-Vought-Received email form NYCSDOH Shallbohm that "Results of the survey revealed a very faint petroleum odor on the 2nd & 3rd floor apts. and hallways with no detection on the PID. A reading of 1-2ppm on the PID for the 1st floor apt. and hallway and 20ppm in the basement. Active ventilation was observed in the basement." Vought received call from NYCDOH Hughes who noted that based on results, no relocation of upper floors was required to date and he will contact Nicole Mathieu and inform her of same. NYSDOH Hughes also noted however that the Mathieu family was still required to be relocated and that he received message from Ark Supply (Ursula) last night with respect to the relocation. Insurance company for oil company:

Ms. Mary Allen  
Coverage Concepts  
Ph:(631) 331-7700  
maryellen@coverageconcept.com

Vought called and spoke to Allen and she is insurance broker and insurance company is:

Zurich Environmental  
Amy Paplanus  
Ph:(847)762-7148  
email: amy.paplanus@zurichna.com  
Claim # 4340003962

Vought received email from NYSDOH Hughes that he was in contact with Ark Supply (Ursula) and she will contact Ms. Mathieu to arrange for accommodations. Vought called and spoke Amy Paplanus for insurance company information. Vought discussed spill history with paplanus and sent her copy of spill notes to date. Paplanus was unaware that F&N was contractor onsite. Vought called Nicole Mathieu and she was contacted by Ark (Ursula) and she will return call to Vough with update on relocation. Vought spoke to Nicole and she is providing info for Brookly Courtyard Mariott to Ark (Ursula) as this hotel is under NYSDOH per diem requirements and is close proximity to her husbands job.

2pm-Vought called Nicole and she and her husband are staying at Brooklyn Mariott and she is content with relocation. As per Nicole F&N was onsite this morning at 8:30am and began work. Vought called F&N Fenley for update on status of work and he was at site and F&N is sawcutting concrete which should be completed tomorrow and on Friday guzzler will be removing dirt. Daily PID surveys will be performed daily.

10/28/09-Vought-Vought called Mr. Mathieu for details of spill and as per Mr. Mathieu on Friday 10/23/09 he saw oil spill in cellar and he contacted neighbor at 125 Halsey Street who indicated that they ordered 150 gallons of #2 fuel oil from Ark Supply Company. The neighbor called Ark Supply and spoke to Ursula on Friday at 6pm and informed her of the oil spill at 123A Halsey Street. According to ECO Shea Mathis who was onsite on Friday, the neighbor at 125 Halsey Street witnessed Ark Supply Company delivering oil to 123A Halsey Street. Ursula initially denied the misdelivery to the neighbor and then she said that oil would be delivered to 125 Halsey Street on Monday. Mr Mathieu called Ark Supply company four times and the message machine responded and he left four messages. On Saturday morning (10/24), Mr. Mathieu received a call from a gentlemen at Ark Supply (Ron or Robert) who worked in the electrical supply department. Ron or Robert stated that crew would be at 123A Halsey in 30 minutes to assess situation. No one arrived from Ark and Mr. Mathieu called again and spoke to Ron or Robert and he said that he stated again that crew would be there in another 30 minutes. Mr. Mathieu again waited another 30 minutes to no avail and he again called numerous times and he spoke to Ron or Robert every time who said the he notified crew and they were on there way. Mr. Mathieu continued to call and eventually only the answering machine responded. At 1pm on Saturday (10/24), Mr. Mathieu drove to 132 Stuyvesant Avenue(Ark Supply Co) and he met Ron or Robert who replied that they requested the cleanup crew but he was only the electrical supply person and could do no more. Mr Mathieu called oil company repeatedly again upon his return and left additional messages.

10/29/09-Vought-Received call from and spoke to F&N Linehan and Zurich will be at site meeting at 9:30am.

10/30/09-Vought-Site visit by Vought. Onsite was Mr Edwin Mathieu, Ms. Nicole Mathieu, F&N Linehan, Craig Werle (Roux Associates 631-793-1535), Jessica (Roux Associates). Roux was hired by Zurich Environmental to supervise F&N work. Werle requested that he be primary contact for further requirements as opposed to Zurich. Werle also noted that F&N was under contract with Ark Supply Company and Zurich Environmental as well. Vought inspected site and noted concrete chips from fill port as per F&N Linehan. Minimal vapors via olfactory on second and third floors and first two floors are occupied by Mathieu family. Vought inspected basement which had 1/4-1/2" thick concrete with heavy oil staining in front and rear of property. Noticeable odors in basement with operational ventilation system and crew of four breaking impacted concrete and performing shallow test pits. PID monitoring daily. Impacted concrete and soil removal to take place at minimum for next week. Vought reviewed photos taken by Mr. Mathieu immediately after discovery of the spill (see edocs) and large pools of fuel oil in the front and rear of the basement separated

by high point in floor suggesting widespread seepage and subsurface impact. Scope of work includes breaking of remaining impacted concrete, removal of impacted soil via guzzler, collection of endpoint soil samples, DEC visit prior to backfill, installation of SSD and vapor barrier, and epoxy of floor. Received email from Roux (Werle) that "I wanted to let you both know that Roux will have someone stopping by 123A Halsey on a more or less daily basis to monitor the progress of the cleanup, record all PID readings, and identify any issues as soon as possible. We don't anticipate being onsite for more than an hour so each day but his should be sufficient to stay fully up to speed and keep an eye on F&N. I anticipate that our onsite rep going forward will be Renee Wong who lives in Brooklyn and can efficiently stay on top of developments at the house. Renee's cell phone is 631-774-7346. Please let me know if you need any additional involvement or support from Roux."

11/4/09-Vought-Received message from Roux (Werle) that "I stopped by Edwin's house this morning to check on the status of the cleanup. Fenley & Nicol (F&N) had most of the concrete floor chopped up and piled in the front of the basement. They were in the process of using a vacuum truck hose to suck the concrete chunks up directly into the vac truck parked in front of the house. The hose was brought in through the basement window in front of the house. This is a time consuming process but is quicker and cleaner than bringing the material out of the basement by hand with buckets. They expected to have most of the concrete out by the end of the day and will then begin excavating soil and vaccing it out of the basement. The cleanup will clearly extend into next week. We will have Jessica Diminich, who was at the site last Thurs and Friday, stop by on Thurs 11/5 to see where things stand. If need be I can have people stop more frequently however F&N seems to be moving as fast as possible. They have a 3 man crew and I don't think additional people will make it go any faster."

11/6/09-Vought-Site visit with DEC Repsher, Mr. Mathieu, Roux (Werle), F&N Linehan to inspect progress of excavation. Nicole noted concern over lack of documentation of current work to date. Vought noted spill notes, consent order being drafted and will email request of scope of work to Werle and Linehan. Werle also requested Department review of plans for SSD system. No odor complaints from upstairs during past week and excavation activities to be completed by 11/9/09 and backfill will hopefully be completed by Friday 11/13/09. PID surveys being performed daily. NYCDOH site visit will be tentatively scheduled for later next week. Tentative schedule as follows: 11/9-stone backfill and SSD installation, 11/11-vapor barrier installation, 11/12-11/13: concrete placement. Further borings to be performed via hand auger by Roux in areas of remaining contamination that cannot be removed due to structural conditions including collection of soil samples for 8260/8270. Entire basement excavated to approximately 2'bg with fine sands as soil. Nicole Halsey also noted that due to the young age of her child, she would rather reoccupy when work is completed due to excessive noise caused by stone backfill and concrete emplacement. DEC also requiring cleaning of impacted stairway as wood on bottom is soaked with petroleum and may serve as additional source of vapors. Roux Werle indicated that Zurich Environmental will be paying initial F&N mobilization costs (during initial callout by Department). Meeting to be held at site tentatively on 11/13 at 9:30am. Vought sent email to all parties with update.

11/9/09-Vought-Reviewed draft consent order and sent request to Mathieu to confirm information. Received email from Edwin Mathieu with following corrections:

"Correction: Friday, October 23rd

-On Friday, October 23rd the owner of 125 Halsey Street did not witness the discharge. He actually ordered the oil the morning of October 23rd.

-A neighbor of mine, who does not live at 125 witnessed the oil being discharged around 1:45pm. The neighbor did not realize the oil was being delivered to the wrong house, so no one was alerted.

-When I got home from work at 5:20pm, I could smell the oil from the sidewalk.

-When I unlocked the door I realized that there was an oil spill in the basement.

- I surmised that someone who was supposed to deliver the oil to 123 or 125 Halsey Street must have inadvertently delivered it to 123A Halsey Street.
- I immediately went to 123 Halsey Street. By 6PM I was able to get hold of the owner and he informed me that he did not ask for and was not expecting an oil delivery on October 23rd.
- Next I contacted the owner at 125 Halsey Street. His son Kieran informed me that they were expecting a delivery on October 23rd and he'd confirm with his father Mr. Robert.
- Kieran calls me back a few minutes later saying yes his father ordered 150 gallons of oil from Ark Supply Company and was talking to them about the mis-delivery.
- Mr. Roberts called me by 6:20pm and told me that Ark Supply Company had confirmed the delivery and once he informed them about the mis-delivery, they then denied the delivery.
- Mr. Roberts said he spoke to Ursula. After Ark was informed about the spill they stopped answering any calls.
- Mr. Roberts gave me Ark's number. My neighbors, friends, wife and I called Ark Supply Company repeatedly after 6:20pm on October 23rd to no avail.
- We also left messages asking Ark to come clean up the spill. Left with no other choice, around 7PM one of my neighbors called 911 to get the Fire Department. The fire Department did not show up, so we called the NYPD. A police officer called the Fire Department, and the FDNY was on site within 2 minutes or so.
- FDNY came by with a Hazmat team, who moped up the initial top coat of the oil spill.
- The FDNY also tried to call Ark that night and got no answer. They informed me to try to call Ark the following day (Saturday, October 24), so that they could clean up the spill.
- We had to spend the night at my mother's house.

Correction: Saturday, October 24th

- Ark called me on Saturday morning at 9am, saying that they would send two people in 30 minutes to assess the damage.
- I called Ark Supply Company at 9:45am and was informed that a crew of two was on their way. By 10am no one showed up.
- I called repeatedly until around 1PM, when I drove to their storefront.
- At Arks storefront, I was told that a crew was called and nothing further could be done.
- Finally later that afternoon, out of frustration, I called 311 to report the discharge and the New York City Department of Environmental Protection then alerted the New York City Fire Department who in turn notified Department's Spill Hotline."

11/12/09-Vought-Received plans from Roux (Werle) for SSDS and Vought sent reply with no objections to design. Vought also repeated request for email scope of work summary as requested by Nicole Halsey. Site meeting scheduled for 11/13 at 9:30am. Vought called and spoke to F&N Linehan and gravel backfill being installed today, tomorrow will be SSD installation, Monday and Tuesday will be additional gravel fill and concrete emplacement. As such reoccupation will not occur until at least Tues or Wed of next week as Nicole Halsey requested to reoccupy after odors and excessive noise from backfill and concrete emplacement are completed. Vought received call from and spoke to F&N Linehan who indicated that NYCDOB site (Arte) who as per his supervisor (Islam 718-802-4406) is writing a violation to the homeowner (Mr. Mathieu) for not having building permits for excavation. Islam's supervisor is Gordon (718-802-3734). Vought left message with NYCDOB Gordon and NYCDOB Islam with respect to the guidance on when permits are needed, what is needed for the permit and the timeframe for obtaining permits (due to the emergency nature of DEC excavation). Vought discussed work stoppage with DEC Austin as well.

11/12/09-Vought-Site visit by Vought with Roux(Werle), F&N Linehan, Nicole Mathieu. F&N installing SSD piping today and Monday 11/19, gravel backfill, vapor barrier installation on 11/20, concrete pour and epoxy on 11/21 and 11/22. Therefore reoccupation by Mathieu family not to take place until 11/23 at earliest. F&N replacing impacted staircase. PID surveys still being performed

and no readings or complaints received. Teleconference with Nicole, her attorney, DEC Vought, DEC Urda and DEC Repshner scheduled for today at 12pm. Consent order being hand delivered by ECO Mathis today to Ark Supply Co. Teleconference held as above with attorney JP Van Lent (718-780-0118).

11/17/09-Vought-Received call from Chris Horan (Synergy Environmental 484-365-5000). Vought returned call and left message in unknown mailbox. Vought received call from and spoke to Horan and he was hired by Van Lent. Vought discussed SSD system and PID survey for reoccupation and Horan expressed concerns over adequacy of PID survey and Vought referred him to NYSDOH Hughes and also suggested that he send email to all so that we may all be informed of discussion and possible changes. Vought also informed Horan of site visit scheduled for 11/20 at 9:30am.

11/20/09-Vought-Vought called and spoke to NYSDOH Hughes. Hughes noted that he received call from and spoke to Horan and indoor air sampling will be via SUMMA canister and associated inventory. Site visit by Vought with Edwin and Nicole Mathieu, F&N Linehan, Roux (Werle), JP Van Lent and Horan (Synergy). Excavation currently filled to grade with gravel and concrete pour scheduled for 11/24 and will dry over holiday. Epoxy scheduled to be applied Monday 12/1 and work should be completed (including installation of SSD blower and venting to roof) by Wednesday 12/2. Sample analysis will be expedited as well due to urgent nature of confirming air quality as ongoing relocation. SUMMA sampling will be scheduled for 12/2 or after. Floor will be finished to grade with level surface. Vought to send indoor air sampling parameters to Werle, Linehan and Horan. SUMMA sampling most likely will be performed by Roux Associates. Fill pipe at 123A removed by F&N. Vought required that brief proposal be submitted by Roux associates for indoor air sampling (number and location of samples and method of analysis) and Vought will forward to NYSDOH Hughes for review. Horan noted additional suggestions of placing blower outside residence and installation of a gauge for SSD system and F&N will research options. F&N Linehan will also send epoxy specs to Horan for review as well. Next site meeting tentatively scheduled for 12/2 however Vought will be on vacation for week of 12/30 and as such case will be referred to another project manager for oversight. Vought called and spoke to NYSDOH Hughes and he will email Vought expanded list of analytes for indoor air sampling and Guidance link. Upon reception Vought will forward list of analytes and notes of this day to all parties.

11/24/09-Vought-Sent email with update and analytes to all parties. Received email from Edwin Mathieu that "I've noticed some cracks on the ceiling of the parlor floor. They are near the rear windows. I wonder if the vibrations or digging caused the house to further settle."

11/25/09-Vought-Received email from JP Van Lent that "Can you find out from Fenley & Nicol if before the concrete pour they "drilled" and "pinned" the interface between the "old" concrete slab along the perimeter walls and the mid-line columns/piers with rebar? Also, I understand from consultation with architects that evidently, separate and apart from the epoxy sealant to be applied to the concrete surface, that an epoxy-binder should be applied to the thickness of the interface between the remaining "old" concrete and the new concrete. Also, there should be an epoxy additive to the concrete mix being poured and a steel mesh reinforcing the new concrete slab. Thanks" Vought replied to all parties that structural engineer must be contacted immediately as well as NYCDOB inspection. Vought called and spoke to F&N Linehan who will inquire as to structural engineer and NYCDOB permit and possibly associated inspection. Vought discussed site with DEC Austin and DEC will encourage a report be made to NYCDOB by concerned parties with regards to structural concerns.

12/2/09 - Raphael Ketani. Cheyl Neary of Fenley & Nicol (631) 586-4900 sent Randall Austin, Chief of the Spills Unit, an e-mail requesting that the DEC write a letter to the NYC DOB in order to obtain the necessary permits for the interior demolition work. I drafted a letter for Mr. Austin's review which described the spill incident and its impact, and which requested the issuing of permits for the demolition and remediation work. Mr. Austin approved the letter and it was e-mailed to Ms. Neary with my signature. She will combine the letter with the remediation plans and submit it to Thomas Farello, Brooklyn Borough Commissioner,

NYC DOB, in order to get the permits.

12/7/09-Vought-File review by Vought to date:

Email from Edwin Mathieu-11/30/09. "Hi Everyone, I hope you've had a great Thanksgiving holiday. I passed by the house yesterday and noticed that oil is seeping through the newly poured cement. (Please see attached photos.) Is this supposed to happen? I've Also attached pictures of the cracks that are appearing over the back parlor floor window."

Email reply from Van Lent to Mathieu-11/30/09. "Edwin - It is pretty clear to me that this is not supposed to happen. I am going to forward the pictures to an architect consultant among others."

Email to DEC Austin from Van Lent-11/30/09-"Dear Mr. Austin - I understand that you are supervising this matter during Jeff Vought's absence. Cullen and Dykman represent the homeowners with respect to this matter, which appears to be becoming increasingly problematic. I believe that it is imperative to address all aspects of the attempted remediation, including structural concerns about the building and the methodology used for the concrete-pour. We would appreciate the DEC's in-put with on those issues within its purview, but also feel that there must be a way to establish a coordinated rapport with the NYC Department of Buildings beyond the hit or miss of making a "311" call. After all, the homeowners have been displaced from their residence and are not on-site when DOB inspectors arrive. We look forward to your response and any suggestions that you may have. Thank you"

Email from Roux Werle to all parties-11/30/09. "Brian Linehan and I are meeting at the site tomorrow morning at 9:30 to investigate the issues raised by the photos."

Email from Van Lent to F&N Linehan-12/2/09. "Brian - Have you had any success in determining the structural engineer's (Mr. Bronzino) availability for a site inspection? Please advise so that we can coordinate".

Email from Werle to DEC-12/3/09-"Edwin says there are cracks over the back parlor floor window.- It occurs to me what these are almost certainly from. When I was in the back yard looking back at his house, I was struck by the bay window "bulge" in the back of the house that didn't extend down to the ground but ended one story above grade. You walk underneath this extension when you exit the ground floor rear door. I was struck by the sagging appearance of this bay window bulge and the two steel poles that appeared to be supporting all three floors of it. I believe Edwin is saying there is a crack over the bay window on the parlor floor which is the second floor, the ground floor is the where the kitchen is and wouldn't be referred to as a parlor. The cracks are due to the poor support of the bay window extension. We can take photos to document when we're there tomorrow morning."

12/08/09-Vought-Site visit by Vought with Nicole and Edwin Mathieu, F&N Linehan, Roux Werle, Synergy Horan, JP Van Lent, Van Lent senior, structural engineer (Robert Bronzino-Bronzino Engineering 631-751-8299). Four drums of contaminated soil remain outside residence and Vought requested immediate removal to prevent neighbor complaints. Concrete placed over excavation and SSD and concrete application not uniform with presence of "scour marks". Vought discussed concrete with DEC Austin and the Department recommends reapplication of a new layer of concrete over existing concrete in lieu of a scour machine that will produce cement dust. F&N Linehan noted that contaminated concrete adjacent to walls was powerwashed and a bonding agent was used to apply new concrete over these locations. F&N Linehan will send manufacturers specifications of epoxy to Horan. Edwin Mathieu noted one drop of dark liquid substance (possible fuel oil and/or bonding agent) seeping through concrete. F&N Structural Engineer (Bronzino) noted that he would not sign off on feasibility of excavation until baseline structural report was produced for entire building. Roux (Werle) will send proposal of excavation work to Zurich Environmental for possible approval. JP Van Lent will

send letter expressing his concerns of staining in concrete to insurance company with cc to DEC. Vought informed DEC Austin and Urda of updates and continued relocation and decision was made that DEC requires excavation of impacted concrete and soil is possible and sealing with moisture barrier above gravel backfill and/or epoxy below new concrete application as long as structurally feasible.

12/9/09-Vought-Called and spoke to DEC Linehan and informed him of excavation requirements of impacted concrete as long as structurally feasible. Bronzino will prepare structural report and scope of work for borings to determine footing depth which will be used to assess excavation feasibility. Vought noted that if excavation of concrete adjacent to walls occurs, then DEC will require placement of a moisture barrier above the gravel backfill and below the concrete to prevent further concrete staining. Vought also noted that DEC recommends placement of new layer of concrete in lieu of scarifying ridges and Linehan noted that after further consideration he had decided to pour a new layer of concrete above the current layer with some minor scouring to raise drains and SSD manways. Vought called Roux (Werle) and left message of same. Vought called and spoke to JP Van Lent and left message with Nicole Halsey with respect to excavation if structurally feasible requirement.

12/9/09-Vought-Received email copy of letter from JP Van Lent to Zurich Environmental (Paplanus) summarizing issues of 12/7/09 site visit including probably DEC requirement of stained concrete removal, participant list in meeting, requirement of existing conditions survey by Bronzino, determination of footing depth via borings, note that DEC has regulatory say over specifics of approach, note that he contacted DOB Micheal Maffei(Head of Construction Division in DOB in Brooklyn) and proposal that Zurich retain professional engineer to perform existing conditions survey so that it is performed by a party independent of Bronzino as he will be possibly performing excavation).

12/16/09-Vought-Received email from Werle that "Fenley & Nichol is expecting to hear tomorrow from Mr. Bronzino concerning the results of last Mondays meeting at the Mathieu's. A plan outlining the investigation of the basement footings, inventory of the building's current structural issues and remediation of the concrete staining is expected shortly thereafter. Roux will review this plan with Zurich as soon as we receive it. Additionally, Brian Linehan from F&N will be meeting with Building Dept personnel at the site tomorrow as part of the BOD permit application process." Received second email from Werle that "I just spoke to the structural engineer- I was starting to lose my patience- and he has just sent a letter to Fenley & Nichol outlining what is necessary to move forward: basically a third party structural inspection and a test pit to evaluate the footings. I've organized a conference call with Brian Linehan and Bronzino, the structural engineer for 4 PM- My goal is tot set up a schedule to get the inspection and test pit work done next week. Hopefully we'll then be able to do the excavation the week between Christmas and New Years- at least that's my hope. We'll have to see how much review JP and the Mathieus want before committing to a plan. I will stay involved from here on in and not rely on F&N to make sure things keep moving forward. I will brief Amy this afternoon as well."

12/16/09-Vought-Received copy of letter from Bronzino dated 12/14/09 addressed to F&N Linehan. "Based on our visual inspection, we found no signs of recent damage to the foundation and the overall condition can be classified as "good". We found no visual cracks in the rubble walls that normally accompany building settlement and found no signs of vertical deflection in any of the cellar beams or joist in the locations of the foundation walls." "Cracks wre found on all three floors in the areas adjacent to the windows suggesting that the windows have separated and deflected vertically from the structure. It is our opinion that these cracks are relatively old and were not caused by the recent remediation work in the cellar. Our opinion is formed based on the lack of visible signs of damage to the foundation wall in the cellar as well as evidence of paint within several of the cracks adjacent to the windows. The location of the paint suggests that the walls were painted while the cracks were already present." With respect to the additional removal of stained concrete, "It is our recommendation that, prior to the start of any removal of

concrete or soil, an existing conditions survey of the structure is completed to document any existing structural anomalies in place before we start work. This survey should include crack monitors and optical tags to detect any settlement or deflection of the structure while remedial work is being performed." Once survey is completed, recommendation of for test pit to be hand excavated to "determine the exact location and construction of the existing building footing. This information will be needed to determine the amount of soil that can be safely removed adjacent to the footing in the cellar." After a scope of work can be finalized and permitted via NYCDOB.

12/17/09-Vought-Conference call at 11:30am to discuss additional soil and concrete excavation and structural requirements. Participants included: Urda, Vought, Werle, Linehan, Bronzino, Van Lent, Van Lent Sr, Horan, E. Mathieu. F&N hiring Richmond Engineering to perform independent existing conditions survey which is scheduled for 12/21. Agreement reached that impacted sections adjacent to wall will be removed in 3-4 sections if survey and footing depth is assessed. Bronzino (structural engineer) will be on-site during excavations. Vapor barrier will be installed over gravel backfill. Concrete not to be scarified and entire basement will have concrete pour after impacted concrete excavation. Post holes will be performed in excavation to determine footing depth. Site visit scheduled for 12/22 at 10am.

12/21/09-Vought-Received email from JP Van Lent to Werle/Linehan that " I assume that the existing conditions inspection of the premises is occurring today and that the plan for tomorrow regarding testing for the footing etc. remains in place. There are a number of other items that we need information about - are the soil sample results available? Do we have specifications for the epoxy to be used on the surface of the final concrete pour as well as on the bonding agent for interface of the concrete with the concrete to be poured over the newly-contemplated excavation? Also, has the engineer been advised about NYC Department of Building's requirements, if any, for the contemplated excavation work near structural members? Thanks" . Reply from Werle to Van Lent that "Brian informed me this morning that the inspection was definitely taking place today. I'll remind him about the epoxy spec and soil sample results. We'll talk to him tomorrow about any DOB requirements. See you tomorrow around 9AM."

12/21/09-Vought-Received email from Werle that "I was just informed by Brian Linehan that his engineer that was applying for the DOB permit has not received the permit yet and therefore no intrusive work can be started tomorrow. We need to postpone tomorrow's meeting until the DOB permit is in hand and a large team meeting will be productive. There's a chance that work can begin on Wed. I expect to hear from Brian with an update tomorrow. The engineering inspection did take place today at 123A Halsey St. and all four floors were inspected. I apologize for the late notice, I hope no one will be inconvenienced."

12/22/09-Vought-Received email from Werle that "Brian has just informed me that he believes the DOB paperwork is going to be submitted tomorrow, pending getting Edwin's signature tomorrow. The expediting engineer is seeking a waiver on an asbestos inspection requirement.

We're told the permits should take a maximum of 10 days however there is a chance the permit will be available before 12/31. Brian will keep us informed of the progress at DOB. I'll let everyone where things stand next week. We apologize for the delay however F&N is reluctant to do any intrusive work until the DOB permit is in place to avoid additional DOB violations. Please email me with any questions or comments."

1/4/09-Vought-Called F&N Linehan for update and he received permit application from NYCDOH and is sending it today to Mr. Mathieu via Fed Ex for his signature. If Mathieu signs promptly permit for additional excavation could be received as soon as 1/8.

1/5/09-Vought-Received email from Roux (Werle) that "The firm that is handling the Dept of Building permit for F&N is Highpoint Engineering. Brian arranged for Highpoint to fed ex the permit application to Edwin for his signature tomorrow and I believe, informed Edwin of this plan earlier today. The signed application needs to then be returned by fedex to Highpoint for submittal

to DOB. We are hoping that if the application moves along as quickly as possible, the permit may be in hand by Friday. If this does take place, the test pit excavation can begin next Monday. I suggest next Wed. 1/13 as a backup date if needed.

We will keep everyone informed of developments as they occur. "

1/7/09-Vought-Scheduled conference call from 1/8 at 10am to discuss updates on DOB permit, scheduling of tests pits and current status of site. Vought spoke to Werle who indicated that the Mathieus would or have moved back in prior to the SUMMA sampling. Vought received reply from Nicole Mathieu that she is moving back into the residence tomorrow.

1/8/10-Vought-Conference call with Edwin Mathieu, Werle, Linehan, Bronzino, JP VanLent, Horan. NYCDOB permit to be signed by Bronzino today (application already signed by Mathieu) and permit to be taken to NYCDOB. DOB permit to be obtained by 1/14. Upon obtaining of permit, soil borings will be performed adjacent to impacted walls with presence of structural engineer Bronzino. Mathieus will be staying in home tonight for first time and are no longer staying at hotel. Ventilation to be running during test pitting. Excavation to possibly take place during week of 1/18 with new concrete pour the week of 1/25.

1/13/10-Vought-Received email from Roux (Werle) that "I've been informed by Brian Linehan that the permit application has been filed but, because of the fine last year, the DOB permit is taking longer than expected. The test pits are definitely off for this week. F&N has suggested setting a tentative schedule for next Wed., 1/20, for the exploratory borings to evaluate the footings and begin remediating the stained concrete. We will confirm this date on Friday, if possible."

01/21/10-Vought-Received email from Roux (Werle) that "Please see the string of emails below from Larry O'Brien at HighPoint Engineering describing the status of DOB permits. Does anyone have a suggestion on how to move this forward? If there is a fine that needs to be paid, let's discuss how much it is? I'm going to call the expediter Roux is using at our ExxonMobil Greenpoint site and see what he has to say. I will keep everyone in the loop as information comes in on this." Received email from Highpoint (Larry O'Brien) that "Once a violation is issued, it stays with the site until resolved. When a permit is requested, the first thing they do is look at the open violations. We'll keep you updated." Received email from Nicole Halsey that "Hi all: What violation are they talking about? I thought the one issued to our home the day DOB stopped by unannounced was taken care of. (At least that's what I remember being told.) Craig, yesterday you asked us to give you an update. We've begun to notice a stronger smell coming from the cellar on the ground floor. Inside the living quarters the smell is not discernable." Vought sent email to Werle/Linehan requesting copies of application info and specifics so that info could be forwarded to NYCDOB Helen Gittleston for possible assistance on expediting permits due to vapor concerns. Received email from Highpoint that "Permit has been issued. I'll get a copy emailed to you this afternoon and approved plan to you on Monday."

01/25/10-Vought-Received email from Roux (Werle) that "Rob Bronzino is available on Friday 1/29 to begin the test pit borings to investigate the existence and depth of the footings at 123A Halsey St. F&N's crew is lined up to begin the work at 9AM this coming Friday." Site visit scheduled by Vought for Friday at 9am.

01/27/10-Vought-Copied on email from Van Lent to F&N Linehan "Brian - Would you please provide us with copies of the application for the recently-issued DOB Permit including the plans, diagrams etc. as well as a copy of the Permit? It would be helpful to have these materials for purposes of review before this Friday. I thought that we had previously discussed the homeowner's need for the application materials some time ago. We take it that based on Friday's efforts and results that a scaled structural engineering diagram of the exact conditions discovered (cross-section of the wall showing the bearing condition, the existence of any footing and the relationship to the elevation of the existing concrete floor slab) will be prepared and circulated to the

parties. Naturally, we would expect that there would be identification of the location of the test pits and the nature of the underlying soils etc. Thanks". Copied on email response from Linehan to Van Lent "I will forward them to you when I receive them. Brian".

01/29/10-Vought-Site visit by Vought. Onsite was Edwin Mathieu, Werle, Linehan, Horan, Bronzino and F&N crew. Footing depth determined to be approximately 1.5' bg via hand excavation. Ventilation system set up. NYCDOB permit obtained however plans for permit will be amended and addendum submitted. As per Bronzino, work can proceed under current permit as long as addendum submitted. Excavation of remaining impacted areas adjacent to foundation walls will be performed on 2/1/10 and structural engineer (Bronzino) will be onsite to ensure excavation to bottom of footing but not below.

2/3/10-Vought-Received email from Werle that ""We are 95% complete with removal and backfill. It'll be complete tomorrow. On Friday 1-5-10 we will be restoring the concrete. Monday we hope to start installing the epoxy, moving on to completion." Based on this news, it seems that a meeting this coming Friday will be productive and it will give everyone a chance to review the extent of the re-excavation of the stained concrete prior to the application of surficial coatings and final concrete cover. I suggest we plan to meet this Friday at 9:30.". Vought sent email confirming site visit on 2/5 at 9:30am.

02/4/10-Vought-Received email from Linehan that "Gentleman I will be at a seminar with my boss. Brian McCabe will be filling in for me. We will be installing concrete around the edges tomorrow. EPOXY, STAIRS, PIPING TO FOLLOW.". Vought received email from Van Lent that "Brian -I will be present tomorrow at the 9:30 meeting. Please respond ASAP to Chris Horan's e-mail questions from yesterday. Also, has Highpoint Engineering provided you with the remainder of the materials we have requested? Thank you". Vought received email from Van Lent that "Brian -A conference call today is in order based on your responses to Chris Horan's questions. Evidently, unless I'm missing something, the previously discussed concrete pinning is omitted from your plan. This is unacceptable based on conversations on our end and as previously communicated to you without objection. The concrete pour should not occur until we have resolved this subject. Moreover, question is raised about the exact thickness of the replacement slab as to whether or not it is the standard 4" in thickness. Please respond to everyone ASAP". Vought received reply from Werle that "Brian and I tried to reach JP in response to his request for a conference call but he was not available. Therefore we have decided that the concrete pour will be postponed and will not take place tomorrow, however, I recommend that the meeting still take place as planned. F&N will pin the concrete as requested on three sides of the excavation-the fourth side along the outer wall cannot be pinned. The excavated stained areas will be available for inspection tomorrow so everyone can see the extent of the removal, the depth of the backfill and the depth of the upcoming concrete pour to fill the excavated areas. Based on the outcome of tomorrow's meeting, the concrete pour will be scheduled next week when we're certain that all are in agreement with moving forward. Please call with questions."

2/5/10-Vought-Received email from Van Lent that "Gentlemen - We understand, but do not know for sure, that the existing replacement slab may be between 2" and 4" in thickness according to Brian Linehan. The 2008 NYC Building Code at section 1911.1 requires a minimum of 3 1/2 inches for slab on grade (earthen). We would like to discuss tomorrow compliance with the Building Code as to both the existing replacement slab and the new concrete pour. It certainly seems that one possibility, if indicated, would be to add a new layer of concrete over the existing replacement slab." Vought discussed site with DEC Austin and floor must be replaced to NYCDOB specifications (if replacement in "like and kind" is substandard to building codes). Site visit by Vought. Onsite was Van Lent, Edwin Mathieu, Chris Horan, Brian McCabe(F&N). Vapor barriers placed over excavations adjacent to walls and two additional endpoint samples collected from two areas of noted contamination. Samples collected at depth of 16" bg from bottom of excavations. Pins will be installed in new concrete floor for attachment to concrete being poured along excavations adjacent to walls to prevent mechanical settling of floor. After pin installation, self leveling epoxy based concrete

will be poured over entire floor (excluding drains and SSD manways). After pins installed, work expected to take additional two weeks. Van Lent satisfied with concrete thickness as it is 3-4" thick. Vapor barrier installation and dowling will begin today. Meeting at site set for next week (2/12) at 9:30am to inspect progress. Edwin Mathieu noted no odors in above residences during recent excavation and backfill activities.

02/12/10-Vought-Received email from Werle that "JP/Jeff- Attached are photos from F&N showing the drilling and concrete reinforcing that has been installed. They are waiting for JP and the Mathieu's to approve the work before the concrete is poured. I am very busy with several projects and suggest that JP, since you're in Brooklyn, may be you could inspect the work with Edwin and Jeff, if he cares to join you. If you have any issues you could call me to discuss. I really need the time in the office tomorrow, if possible. I will call to discuss this with you."

2/12/10-Vought-Received email from Roux (Werle) that "Roy van Lent has reviewed and approved the installation of wire mesh that has been installed into the open excavations in the basement. Based on this approval Fenley & Nicol will remove the drums in front of the Mathieu's house on Tuesday in preparation for pouring concrete on Wed. 1/17. If anyone has a question or comment regarding this schedule please contact me or the appropriate project team member."

02/12/10-Vought-Received email from Van Lent that "Craig - Possibly a fine point, but as I advised you, Roy van Lent, looking solely at the photographs provided, as a consultant to the homeowners, has no objection to scheduling the concrete pour as the wire mesh is better than nothing for creating attempting to create a mechanical connection between the existing replacement slab and the new pour. As previously pointed out, however, actual structural rebar, minimum #4 pins, would have been preferable because it would ensure a better connection. Please advise in detail of the steps to occur before the concrete pour such as the "topping" over the surface of the existing replacement slab and the surfaces to be epoxied. Thanks".

02/19/10-Vought-Received email from F&N Linehan that "Good Afternoon, we have completed the concrete repairs on Thursday 2-18-10. We will allow the concrete to cure 'til Monday and then begin the installation of the leveling mortar epoxy. Once the mortar install is complete we will install the top coat epoxy. Prior to the install of the top coat epoxy, we will need to install a primer on the walls, there is no need for the primer on the bare concrete floors. Once the epoxy is complete we will finish the stairs, doors and vent piping. We hope to be done by Friday 3-5-10. Brian"

3/1/10-Vought-Received email from Roux (Werle) that "Brian Linehan reports that Fenley & Nicol will be installing the leveling top coat of concrete tomorrow and possible into Wed. Following that an epoxy will be applied to the floor and 18 inches up the walls. The staircase, sub-slab system and the front window will then be completed. When the epoxy has completely dried, Roux will do the summa canister sampling in the basement and first floor. Although we know it has been difficult to accurately predict events on this project, it seems that summa sampling will be conducted the week of March 15 or perhaps the week after. When do folks think a meeting at the house to inspect the progress is warranted? March 12, I think would provide a comprehensive review opportunity unless some feel an earlier meeting, perhaps this Friday, would be desirable. Please let me know." Vought replied that he would be out on vacation on upcoming Friday. Vought received copy of reply to Werle from Van Lent that "Craig - Thanks for the update. Let me confer with the clients and consultants, and we'll get back to you ASAP."

3/3/10-Vought-Received copy of reply from Van Lent to Werle that "Craig - I think a meeting at the house when the floor is ready for the epoxy (but before it's applied) would be in order. I don't think that there is need for a major huddle by the homeowner's consultants. I'll be there if the timing is acceptable for such a meeting. Thanks". Received email from Werle that "I just checked with Brian and he said he's had trouble with his supplier and they will not finish the leveling top coat until next week,

although it has been started. He is going to call me when the top coat is complete but before the epoxy goes down so we can meet at the site to inspect. He said to anticipate next Thurs or Fri for a meeting. Any questions or comments on this, please contact me."

03/9/10–Vought–Sent email to Linehan, Werle, Van Lent and NYSDOH Hughes that "...The Department will be looking forward to an all inclusive report upon the completion of the remediation that will also include the below and all other soil sample analyticals and site plan. Also continue to keep me posted on the status of the top coat application. Prior to the SUMMA sampling, I would like a brief scope of work submitted including analytical parameters so that I can run it by NYSDOH for approval prior to implementation...". Received email from Roux (Werle) that "We've ordered the summa's assuming the sampling will take place the week of 3/22 or 3/29. I'm planning on emailing you a scope of work in the next day or two. I will be touching base with Brian today to see if a Friday meeting this week is warranted. I think it probably will be."

3/9/10–Vought–Received email from Roux (Werle) that "Brian Linehan has reported that the self leveling concrete installation is being completed today and tomorrow. I think a meeting on Friday morning at 9:30, as usual, will be productive. An inspection of the status of the basement prior to the installation of the epoxy will be the primary objective. Roux has ordered the summa canisters in preparation for final indoor air sampling which we are hoping will take place the week of 3/22. A work plan specifying the indoor air sampling procedures will go out to everyone shortly. Please contact me with questions or comments."

3/10/10–Vought–Received email from Roux (Werle) that "As requested, attached please find Roux Associates' Indoor Air Sampling Work Plan that describes the procedures and protocols that will be utilized during the collection of samples at 123A Halsey St. Tracy Bispham, a Roux project hydrogeologist will conduct the pre-sampling inventory and the actual sampling. Tracy has been responsible for the majority of the residential air sampling at the ExxonMobil Greenpoint project and has extensive experience with the full range of issues associated with the collection of indoor air samples." Vought received reply from NYSDOH Hughes that "Craig, Our (NYSDOH) only comment is I did not see any reference as to the minimum reporting limit for the individual compounds. We specify this level to be 1 microgram per cubic meter of air or less so that the results can be adequately compared with background values." Vought received email from Van Lent to Werle that "Dear Craig – Can you provide us with MSDS sheet[s] for the epoxy [product 7100?] [and any other products ] to be put down? Please confirm that there are no inhalation etc. hazards from the epoxy etc. to the residents. Am I correct that there is waiting period (per Sherwin Williams) from application of the leveling compound before application of the epoxy of something like 28–days? If I recall correctly (not sure), the Sherwin Williams application instructions referenced the need for a "primer" before application of the epoxy? If so, is primer needed over the leveling compound before application of the epoxy?" Vought received copy of reply from Werle to Van Lent that "JP– to respond to your questions in order: I just spoke with Brian and he will send out the MSDS for the epoxy tomorrow morning. This MSDS has already been sent to Chris in February, who reviewed the form and had no issues with its use. That was the basis for F&N ordering enough of the product for application after the meeting on Friday. There are no inhalation hazards from the product– it's a specially formulated low–VOC epoxy for interior use. Epoxy coverage of oil stained floors is the routine recommendation of NYSDEC in situations like this.

An epoxy primer is the first step in the epoxy process. There is a 24 hour waiting period (not a 28 day period) between the installation of the leveling compound and the epoxy primer." Vought received reply from Van Lent to Werle that "Thanks Craig – If the epoxy is from Sherwin Williams, what I saw from SW were not MSDS docs. If Chris has any additional questions or comments, I'll leave it to him to e–mail you." Received email from Werle that

"Attached is a chart showing reporting limits for summa samples at the Test America Burlington lab we are using. All limits are significantly below DOH requirements." Site visit set of Friday 3/12 at 9:30am. Vought received copy of email from Werle to Van Lent that "I've asked Brian to bring the MSDSs for the primer and harder to the meeting tomorrow. We'll talk about the application issue tomorrow– although it seems to me that if the leveling mortar says it can accept epoxy after 24 hours that

supercedes the epoxy instructions which are intended for a primary concrete pour and not a thinner coat of a specialty product. I'm sure F&N can wait 28 days to finish the project, if prolonging this is what you want."

3/12/10-Vought-Site visit with Van Lent, Werle, Edwin Mathieu and Linehan. Removal of impacted soil adjacent to foundation walls, collection of endpoint samples, backfill with gravel and vapor barrier and application of concrete skim coat completed. Primer will be applied Monday and ventilation units will be running during and after primer and epoxy application. SSD blower and stairwell scheduled to be installed next week as well as SSD piping on outside of building. SUMMA sampling tentatively scheduled for week of 3/29. Vought noted to all parties that due to completion of backfill and concrete application, that DEC would most likely not be performing site visits as SUMMA sample review could be done via the office and assistance of NYSDOH Hughes.

3/26/10-Vought-Received email from Werle that "I just want to confirm that Tracy Bispham and I will be coming to Edwin and Nicole's house on Tuesday morning about 9 AM for Tracy to conduct the product inventory. She will be setting the 8 hour summa canisters on Wed. morning and recollect Wed. afternoon. If there is any problem with these arrangements please email me over the weekend or on Monday. I will be in court on jury on Monday but will be able to check my email at lunch time. Otherwise we'll be in Brooklyn on Tuesday morning." Received second email from Werle with correction that summas are 24 hour and not 8 hour.

3/27/10-Vought-Received email from Edwln Mathieu that "Can we move the appointment to Wednesday? Nicole and I won't be able to be there on Tuesday morning."

4/9/10-Vought-Coped on email from Roux (Werle) to Edwin Mathieu that "I spoke with Brian this morning and Fenley & Nicol expects to begin work on the remaining items this coming Wed. with an expected finish by Friday. They still need to install the fan and outside piping for the sub slab depressurization system. The piping to the roof needs to be steel and a lift will be required to put this pipe into place. A door needs to be installed in the front of the basement where the window was. The front hallway needs to be cleaned when when all other work is done. They expect to be done by next Friday. Please let me know if you have any other questions."

5/10/10-Vought-Copied on email from Roux (Werle) to Edwin Mathieu that "Edwin/Nicole-Please let me know if Fenley & Nicol have completed the work restoring the basement. I am preparing the final report and want to verify that the work is complete. Thanks for your help. Craig"

Received email reply from Mathieu to Werle that "Hi Craig, Fenley & Nicol still haven't finished the work in the basement. Also we still haven't received the money for our expenses from December to January."

5/11/10-Vought-Copied on emails from Horan and Van Lent to Werle that "Craig - Chris beat me to the punch on the air results. It also appears that the wrap-up of the remediation/restoration is lagging. Would you also please advise us on that subject? Thanks JP" and "Craig- Have you received the air sampling results? can you forward the laboratory reports to me? Thanks. Chris" Received email from Werle that "I spoke with Brian Linehan today and he informed me that F&N has completed the installation of the new door where the window was in the front of the basement. The work that remains to be done includes the installation of the blower motor in the basement and connection to the SSDS and the installation of the external exhaust stack from the rear basement window up to the roof. These activities require: 1) an electrician for the blower motor; and 2)a lift to hoist the metal piping up to the roof. These specialized requirements are why there has been a delay. Brian has the work scheduled for next Tuesday 5/18, He expects to be done within 2 to 3

days. If there is going to be a problem on his end with these arrangements, he will let me know on or before Tuesday. If anyone has any questions concerning this work, please let me know.Thanks Craig"

6/2/10-Vought-Received call from and spoke to NYSDOH Hughes who reviewed SUMMA canister results and noted that levels are below background concentrations for homes with heating oil. Hughes will send email for teleconference.

6/3/10-Vought-Received email from NYSDOH Hughes. Vought also received email from Werle that "The sub-slab depressurization system (SSDS) is scheduled to be completed by Monday, June 7 based on conversation with the Fenley & Nicol project manager, Brian Linehan."

6/4/10-Vought-Teleconference with NYSDOH Hughes, NYSDOH McDonald, Roux (Werle) and Vought. SSD installation will be completed by 6/7 excluding installation of riser above roof line. Riser will have to be installed by chimney contractor hired by F&N. NYSDOH will send summary letter of results review to DEC. Vought reviewed Remedial Action Report from Roux (Werle) dated 5/27 and received via email on 5/27/10. Report includes chronological overview of oil spill and remediation response as well as soil endpoint analyticals and indoor air analyticals. Soil analyticals show: 16,000ppb toluene(HB1 3'bg), 1900ppb ethylbenzene(HB1 3'bg), 7000ppb xylene(HB1 3'bg), 5800ppb naphthalene(HB1 3'bg), 16,000ppb xylene (Well Across From Boiler Room), 47,000ppb 1,2,4-trimethylbenzene(Well Across From Boiler Room), 1400ppb xylene(Boiler Room Door), 33,000ppb 1,2,4-trimethylbenzene (Boiler Room Door). Indoor air samples collected on 4/2/10. Vought received email from Werle that " I just checked with Brian Linehan of Fenley & Nicol about SSDS details. The blower motor has been mounted outside not inside the basement. A flow meter has been mounted inside so the homeowner can easily determine if the system is working. The piping beneath the floor and on both sides of the blower including the entire stack going to the roof is four inch diameter. The outdoor piping is stainless steel. F&N 's people are working at the site today and will complete the work on Monday." Vought sent email to JP Van Lent requesting his comments or concerns after review of the Summary Report submitted by Roux.

6/7/10-Vought-Received email from Van Lent that "Jeff -- I haven't had an opportunity to look at the report in-depth or to speak with Chris Horan about it. I will say that we will be looking at the report very closely, among other things, because of potential litigation arising out of this matter. JP"

6/8/10-Vought-Teleconference with DEC Austin, DEC Vought, NYSDOH Hughes and NYSDOH McDonald. NYSDOH will require operation of SSD for one year with monthly PID monitoring of system. NYSDOH will draft letter and send to Vought. DEC Austin noted that upon reception of letter from NYSDOH, spill to be transferred to Petroleum Remediation Unit.

6/10/10-Vought-Received email from Van Lent that "My e-mail is jpvantent@cullenanddykman. The mailing address is:

Jean-Pierre van Lent  
Cullen and Dykman  
177 Montague Street  
Brooklyn, New York 11201

Jeff -- we will have comments on the Roux letter and ask that you await those. Thanks"

DEC requires:

- 1)operation of SSD for one year with monthly PID monitoring of system.
- 2)transfer of spill to Petroleum Remediation Unit.

6/11/10-Vought-Spill transferred from DEC Vought to DEC Patel as per DEC Austin and Vought transfer to Section A.

06/11/10-Hiralkumar Patel.

1:45 PM:- received email from Mr. Lent with letter. Mr. Lent mentioned that they will review the Roux's report and will send response by end of 06/17/10.

06/14/10-Hiralkumar Patel.

2:21 PM:- received letter from Mike from NYS DOH recommending operation and monitoring of an active SSD system. Mike mentioned "In summary, the April 2 air testing data show that the indoor air of the Mathieu home did not appear to be adversely affected by fuel oil vapor contamination. Nevertheless, we recommend the ASD (active sub-slab depressurization) system be operated in order to minimize the potential for residual fuel oil to affect the indoor air."

06/16/10-Hiralkumar Patel. discussed with DEC Austin, DEC Vadim and DEC Vought regarding possible transfer of this case into remediation group as requires long-term monitoring of an active SSD system. Vadim requested meeting with DEC Amar to discuss this further.

DEC Austin discussed case with DEC Amar and concluded that the spill case will be handled in spills unit. Austin asked to contact Mike Hughes at NYS DOH about frequency and type of monitoring.

2:57 PM:- spoke with Mike at DOH. asked him to send email/letter specifying monitoring frequency and method (PID or air sampling). Mike mentioned that as there is no odor complaints from owner currently, he recommends monthly PID monitoring only, but if anything change (either higher PID or odor complaints), they may require air sampling. Mike will send email with details.

06/17/10-Hiralkumar Patel.

9:46 AM:- received email from Mike from NYSDOH. "To clarify, I recommend a small monitoring port be installed in the discharge side of the depressurization fan to allow access for taking direct readings with a calibrated portable photoionization detector capable of measuring organic vapors in the low parts per billion range. System effluent readings should be taken and recorded on a monthly basis over the course of the year. At the end of the year the NYSDOH, NYSDEC and staff from the New York City Department of Health and Mental Hygiene can discuss the data and determine, in conjunction with representatives for the Mathieu's, if the system can be turned off; if additional testing is warranted; or if the system should continue to run."

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4:05 PM:- spoke with Ursula at Ark Supply to get person's name who is incharge of this oil copmany. she refused to give anybody's name and asked to send letter to the office address.

4:11 PM:– left message for Ms. Allen as Zurich environmental sounds like environmental company and not insurance company.

07/30/10–Hiralkumar Patel.

9:07 AM:– received call from Ms. Allen who confirmed that Zurich Environmental is the insurance company.

9:11 AM:– received call from Craig inquiring case status. informed him that based on NYSDOH's recommendation, the Department requires monthly monitoring (via PID) of an indoor air and SSDS exhaust point, for a minimum of one year.

10:27 AM:– sent letter to Ursala (certified mail: 7009 0820 0000 8687 1279) requiring operation of an active SSDS for a minimum of one year and monthly PID monitoring of indoor air and at SSDS exhaust for a minimum of one year. letter emailed to DOH Hughes, Mr. Mathieu, Mr. Lent, Mr. Horan, Ms.Allen, Ms. Paplanus, Craig and Brian.

08/19/10–Hiralkumar Patel.

3:19 PM:– received email from Craig. he inspected SSDS with Brian and Tracy Bishpham. when they turned on SSD system, air was being drawn into the three floor drains reducing the sub slab collection of vapor. so, F&N will install polyethylene liners immediately below the drains to seal the drains and optimize the SSDS's extraction of vapor from beneath the slab. additionally, a sample tap has to be added to the effluent piping in the basement so that the required effluent monitoring can be conducted. F&N will do required changed on 08/27/10. Craig mentioned that Roux will do monthly PID monitoring at five different points: SSDS effluent sample tap, basement – breathing zone– 60 inches off the floor, basement– floor level, first floor– hallway, first floor– kitchen. PID monitoring will start on 09/17/10 and be conducted on the middle of Friday of each month.

09/29/10–Hiralkumar Patel.

11:27 AM:– received email from Craig including monthly monitoring report. found 2599 to 7488 ppb on PID at the effluent pipe and below 50 ppb inside building.

12/06/10–Hiralkumar Patel.

2:27 PM:– received email from Craig including monthly monitoring report. at the effluent pipe found 301–497 ppb in Oct. 2010 and 1309–2243 ppb in Nov. 2010. found high PID readings inside building. as per Mr. Mathieu, the first floor was painted on couple of days ago the PID monitoring.

01/03/11–Hiralkumar Patel.

11:12 AM:– received email from Craig including monthly monitoring report. found 2670 to 3332 ppb on PID at the effluent pipe and below 44 ppb inside building.

02/14/11–Hiralkumar Patel. received copy of email from Mr. Mathieu to Craig. Mr. Mathieu mentioned that he found some oil spotting in back of the house.

discussed with DEC Austin and DEC Vought. Austin asked to inspect site.

02/17/11–Hiralkumar Patel.

10:10 AM:– spoke with Edwin Mathieu and scheduled a site visit at 9:30 AM tomorrow morning.

02/18/11–Hiralkumar Patel.

9:30 AM:– visited site. Mr. Mathieu left note regarding observation of oil stains in two areas: one by washer/dryer and another by gas meter. inspected both site. found a hole in ground by washer/dryer, which was covered by plastic. don't know the size of the hole, but found an old copper line in ground right near this hole (in area between the hole and foundation wall). Mr. Mathieu

had wood plate on top of plastic cover. found stain on wood plate and this stain area was right above the copper tube. very minor odors found in stain on wood. no sign of oil seepage found on floor around copper tube or exposed soil in the hole. found some brick pieced in hole which looks like oil drops in pics taken.

inspected gas meter area and could not find any location with oil seepage. found some red colored small cobbles in area underneath the hatch and these cobbles looks like oil stains in pics taken. (see pics on e-docs).

04/28/11–Hiralkumar Patel.

4:16 PM:– sent email to Craig and asked him to submit monthly monitoring report for Jan. to Apr. 2011, by end of 05/02/11. email copied to Mr. Horan.

05/03/11–Hiralkumar Patel.

2:15 PM:– received monthly air screen results. detected odor of dish detergent in kitchen and upstairs hallway during Jan. and Feb. 2011 screening. during Feb. 2011, noticed hydrocarbon odors in front portion of basement (towards Halsey St). also during Feb. 2011, based on complaint from Mr. Matheiu, Craig screened area where stain found on plywood near washer/dryer area. found 80–372 ppb underneath the plywood and 7–33 ppb in breathing zone. during Apr. 2011 monitoring, found higher readings on PID in basement and upstairs, compare to previous readings. Craig noted that first floor and basement area were being renovated and paint fumes and dust were noted in both areas.

06/01/11–Hiralkumar Patel. received monthly air screening results (at 2:32 PM on 05/31/11). found 1945–2861 ppb on PID at the effluent pipe and below 152 ppb inside building.

08/26/11–Hiralkumar Patel.

1:40 PM:– received email from Craig including monthly air screening results. in Aug. 2011, found 2396–3004 ppb on PID at the effluent pipe and below 68 ppb inside the building.

12/15/11–Hiralkumar Patel.

3:31 PM:– received email from Craig including monthly air screening results from Sep. 2010 to Sep. 2011. in Sep. 2011, found 172–2138 ppb on PID at the effluent pipe and below 226 ppb inside the building. laundry detergent odor detected in basement and mounwash odor detected on first floor.

01/11/12–Hiralkumar Patel.

11:15 AM:– sent email to Mike at NYS DOH and asked for comments.

03/28/12–Hiralkumar Patel. discussed with DEC Austin about air monitoring results. he asked to discuss with DOH.

2:08 PM:– sent email to Mike at NYS DOH with copy of air monitoring data and asked for comments.

03/29/12–Hiralkumar Patel.

8:05 AM:– received email from DOH Mike. he mentioned that effluent appears to still have a significant source of VOCs. he also mentioned that the indoor air levels appear to be similar to background. he inquired if effluent was filtered before exhausting to the atmosphere.

11/17/14–Hiralkumar Patel.

12:07 PM:– spoke with Craig regarding any filter on passive venting system effluent pipe. he confirmed that there was no filter on effluent pipe and they have not responded to site since Sep. 2011.

11/20/14-Hiralkumar Patel.  
 11:26 AM:- left message for DOH Mike.

DEC requires: 1) monthly PID monitoring of indoor air and SSDS exhaust

<b>Map Identification Number 7</b> 	<b>COMMERCIAL PROPERTY</b> 1289 FULTON STREET	BROOKLYN, NY	<b>Spill Number: 0612474</b>	<b>Close Date:</b> TT-Id: 520A-0049-350
<b>MAP LOCATION INFORMATION</b> Site location mapped by: PARCEL MAPPING (1) Approximate distance from property: 1851 feet to the WSW		<b>ADDRESS CHANGE INFORMATION</b> 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: WILFORD WARD – COMMERCIAL PROERTY Notifier Name: Caller Agency: Contact for more spill info: DONALD VUJNOVICH	Spiller Phone: (718) 756-8177 Notifier Phone: Caller Phone: Contact Person Phone: (516) 349-8980		

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
02/15/2007		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

VALVE OR GAUGE ON TRANSFER TANK AND STILL INVESTIGATING:

DEC Investigator Remarks:

2/15/07-Vought-Daytime runner. As per DEC Sangesland who spoke to Vujnovich, spill occurred last night due to malfunction of transfer pump which transferred oil from tank to boiler. As per Vujnovich, new boiler was installed by oil company last week but transfer pump was not touched and therefore they are not responsible. Vought performed site visit and spill in concrete pit that also contains boiler. Current standing product in pit and heavy odors in liquor store above. Unable to see tank (reportedly 1080 gallons AST). Vought visited liquor store and spoke to manager (David 718-230-5421) and as per David, odors began approximately three days ago. As per Vujnovich last delivery of 504 gallons occurred on 1/27/07. Vought spoke to site owner contact (Debbie 718-756-8177) and told her that she must hire contractor to clean oil as owner is responsible for maintenance of tank and lines. Vought explained that if owner felt oil company was responsible than they could litigate at a later date. Vought

told Debbie and Donald to call Vought as soon as cleanup contractor was scheduled. Vought received call from Debbie that contractor was Branch Restoration (Melanie 631-563-7300). Vought called Melanie who explained that property owner was not covered under insurance policy and they were performing site visit to determine scope of work and price. Vought called back Wilford to explain that contractor must be hired and phone was answered but hung up approximately six times. 2/15/07- 600pm. Piper left message for Wilford requesting callback. 800pm DEC Piper spoke w/ Laverne requesting Wilford to return call. 2/16/07- Due to non response from phone calls. DEC Piper responded to site. Piper gained access to basement from Liquor store employee key. Piper observed 4" of oil in concrete pit with bathtub line 3-4" above oil. Pics on e-docs. It is highly likely that it is not a solid bottom. 1100a -Piper returned to office and phone Wilford. Wilford spoke to him and he stated that Branch wanted \$8000 to do cleanup. It was too much money. Piper faxed list of contractors and CSL to Wilford. fax=718-756-8208. Piper gave deadline of 1200pm to hire contractor. 1145a - Piper received call from Wilford stating he will get a contractor in. 1200pm Piper received another call from Wilford stating he will get a contractor in. He has called AL Eastmod and PTC. 1245p- AL Eastmond was not available to respond and PTC was waiting for confirmation. 0100p- Piper responded to site. DLE Jeff Conway to arrive shortly behind Piper. 0200- Piper arrived on site, no DLE, and spoke with Wilford. Wilford stated that he will have his two sons do cleanup. Piper stated that that was insufficient and DEC is now going to perform cleanup. Wilford was resisting me and stated that no one is going to go in his building. Piper offered NAV Law to Wilford and separate S 178- Right to enter and inspect fact sheet. Wilford refused and did not care. Piper phoned Sangesland/ Krimgold to initiate PIN. Milro enroute. DLE Conway arrived and Piper informed him to status of cleanup. DLE Conway spoke w. Wilford and offered him option to let us in or he will arrest him. Wilford began cooperating. DLE Conway called in additional ECO's to ensure safety and cleanup initiation. 430pm- Just prior to Milro showing up with vac truck, ABC tank arrived. Owner said that he had just called them and they were here in 20 min. Since DEC already initiated cleanup and ABC DID NOT have vac truck, ABC was asked to leave. Milro pulled in as ABC was leaving and Vatted out pit. Upon clearing of free product, a sump a large hole (10" dia) in the concrete was observed. Milro took shovel to clean out sump and could not find solid bottom They were down approx 30". SOIL contamination is present and will need to be dug out. Milro hired by DEC to pump out and clean surface spill only. Piper instructed Wilford to have service man in and repair lines to boiler to return heat to the building. Piper left business card with liquor store to call if heat was not returned during day tomorrow. 2/19/07-0745a DEC Piper received call from Milro, they were planning on sending crew to digout soil though Piper said not to. Milro was hired to do surface cleanup only though may need to be hired in future if Wilford is unwilling to continue work. 2/21/07- DEC Piper called David at Liquor Store. He confirmed that heat was restored Saturday and vapors are currently non-existent. 2/23/07-Vought-As per DEC Piper DEC requires: 1)removal of petroleum contaminated debris and sealing of floor 2)collection of endpoint samples from excavation. Vought called Wilford for status of cleanup and offered one time option to pay Milro private rates for response (as per DEC Austin). Vought called Milro and spoke to Basso who will put together private rate bill for Ward. Vought called Debbie and requested that Ward call Milro for private rate to pay bill and determine which contractor will excavate and seal floor. 03/01/07-Vought-No response received from Wilford to date. Vought called Debbie and informed her that if Vought did not receive call from Wilford by 3/2/07 with cleanup contractor, additional criminal violation will be issued by ECO's. Vought spoke to Debbie who inquired to Milro for additional costs required for soil excavation. Milro has not responded to date. Vought explained that it was Wilford's responsibility to call contractor and call must be received by tomorrow or case will be referred again to ECO's. 03/15/07-Vought-No call received from Wilford to date. Vought called and left message that if call not received by this afternoon. Criminal violation will be pursued. Vought spoke to Debbie who will call Vought back with [INVALID] by today. Vought received callback from Debbie asking for additional contractor info. Debbie spoke to Milro and Paul Basso busy today and Debbie left message to return call ASAP. Debbie will be back to work on Monday 3/26 and Vought required call back with contractor status on that date. 03/19/07-Vought-Received call from Yasser Lewis (646-772-3057) who is grandson of Mr. Ward. Lewis has hired contractor (Doug Anderson 718-604-4709 and 718-221-2462 ph). Vought called Anderson and he works independently but did confirm that he had part 364 license and was familiar with sample collection and analysis protocols. Vought faxed Anderson copy of letter. 03/20/07-Vought-Received call from Milro that they deposited check and it was cancelled so they were unable to obtain

funds. Vought called Milro and left message to return call. Vought called Yasser Lewis and he will contact Wilford Ward regarding cancelled check and call back to DEC. Vought received call from Debbie and returned call and she is calling Bank for information and also called Milro and left message. 3/23/07-Vought-Received message from Lewis and returned call and left message to return call. 6/11/10-Vought-Spill transferred from Vought to Piper as per DEC Austin due to Vought transfer to section A.

**Map Identification Number 8**



**PRIVATE RESD**  
1488 PACIFIC ST

BROOKLYN, NY

**Spill Number: 1107794**

**Close Date:**

TT-Id: 520A-0266-022

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 1881 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
Notifier Type: Other  
Caller Name:  
DEC Investigator: HRPATEL

Spiller: VICTOR LANG - PRIVATE RESD  
Notifier Name:  
Caller Agency:  
Contact for more spill info: VICTOR LANG

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (516) 448-4318

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
09/19/2011		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	250.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

Basement tank with underground line leaked into soil. Cleanup pending. Caller requesting callback due to problem accessing impacted area.

**DEC Investigator Remarks:**

09/19/11-Hiralkumar Patel.  
6:11 PM:- spoke with Victor. he mentioned that based on inventory record, tank system lost about 250 gal oil. site has one 275 gal AST on legs. the supply line runs aboveground except small section of it runs under the basement floor. they exposed the part of underground line and found leak in elbow. a new supply line has been installed. Victor mentioned that there is no odors in building. scheduled a site inspection at 9:30 AM tomorrow morning.

09/20/11-Hiralkumar Patel.

9:20 AM:– visited site. site has three story building with basement. fill port/vent pipe located by basement hatch along northern foundation wall. found stained concrete around fill port.  
met David Granderson. David mentioned that property owned by his father Gerald Granderson who passed away in 2010 and currently property is being managed by Dabbie Granderson, his step–mother.  
inspected first/second floor lobby and basement and no odors noticed. site has one 275 gal AST on legs. the tank is located in the northwestern corner of the basement. found cut open (completely separated) vent line on tank top. David mentioned that vent pipe cut was previously covered with duct tape. found oil stain on tank and also on concrete floor under/around the tank end where vent pipe is located. informed David that vent pipe must be fixed immediately and there must be no oil deliveries to the tank system until the entire system is tested tight. also informed him that soil must be tested under the tank end to confirm presence or absence of contamination due to a break in the vent pipe.  
found old and new supply lines. old supply line runs aboveground along the western foundation wall (towards the building 1486 Pacific street) towards the back of the basement and then turns 90 degree to the boiler. boiler is located in middle of the basement and about 3–5 ft away from eastern foundation wall (towards the building 1490 Pacific Street). the old supply line from 90 degree turn to the boiler (about 12 ft long) was running underground, under a thin concrete floor. part of old supply line by boiler end was exposed and found stained/wet soil near the 90 degree elbow where pipe comes out of ground to the boiler. no odors noticed in area around boiler. there is another room between the boiler and southern foundation wall. suggested David to start excavation immediately to remove contaminated soil. David mentioned that Metro delivers oil to the building for long time.

9:51 AM:– left message for Debbie Granderson. informed her that the vent pipe must be fixed immediately. also informed her that the fill port must be sealed to prevent any more oil deliveries to the tank system until the vent pipe is fixed and the entire tank system is tested tight.

Eileen J. Grannum  
Gerald A. Granderson  
115–10 220th Street  
Cambria Heights, NY 11411

\*\*property owners\*\*

Debbie Granderson  
115–10 220th Street  
Cambria Heights, NY 11411  
Ph. (718) 276–8526 (C)  
email: deb.de4@gmail.com

David Granderson  
1488 Pacific Street  
Brooklyn, NY 11213  
Ph. (718) 404–7555 (C)  
email: davidg1488@aol.com

10:48 AM:– received call from Victor. informed him about observations during the site visit. informed him that the department requires following:

- immediate fixing of cut broken vent pipe
- no further oil deliveries to tank system until the tank system tested tight

- soil boring by the tank due to broken vent pipe
- removal of contaminated soil near boiler

Victor will talk to Debbie Granderson and will call back with excavation schedule. informed him that excavation must not be backfilled prior to review of the endpoint sample results, unless it is unsafe to leave excavation open.

11:43 AM:- spoke with Roger at Metro. discussed with him regarding broken vent pipe and suggested him not to deliver any oil to the tank system to prevent any overflow in the basement. also asked him to submit last three month's delivery and service call record.

11:50 AM:- sent email to Roger with pics of broken vent pipe. suggested him not to deliver oil to the tank system to prevent overflow in basement, until the tank system tested tight. asked him to submit copy of last three month's delivery and service call record.

11:59 AM:- received email from Roger including delivery record.

date-----	amount (in gal)
05/23/11-----	242.90
09/09/11-----	51.60
09/10/11-----	202.60
09/15/11-----	148.60

12:35 PM:- spoke with Roger. asked him about deliveries on 09/09/11 and 09/10/11. he mentioned that they received service call as no hot water in building. technician went to site and found tank empty. as driver started delivering oil, driver noticed low whistle on vent pipe, so he only delivered 51 gal of oil and asked owner to fix any problem. Metro received call next day stating that problem has been fixed and Metro delivered 202 gal on 09/10/11. on 09/12/11, Metro received another service call as no hot water. technician went to the site. he found some oil in the tank, but boiler was off. he inspected supply line and started digging along underground line by boiler end and found leak in elbow. so Metro technician installed a new supply line and then they delivered 148 gal on 09/15/11.

based on inventory record, on-site tank might have lost 140-150 gal between 09/10/11 and 09/12/11.

09/21/11-Hiralkumar Patel.

11:19 AM:- left message for Victor.

11:26 AM:- left message for Debbie.

11:45 AM:- received call from Victor. he will talk to Debbie and will call back.

12:58 PM:- received call from Debbie. she mentioned that currently, no one has been assigned (by court) as property owner or manager. but she and David will continue cleanup of the contaminated soil. she mentioned that Metro oil is at the site now to fix the broken vent pipe. informed that that the tank system must be tested tight prior to anymore oil deliveries. she will talk to Metro about tank system test. also informed her to start remediation. she will talk to Victor.

09/23/11-Hiralkumar Patel.

2:46 PM:- received call from David. he mentioned that contractor will start soil excavation from tomorrow.

3:41 PM:- sent letter to Debbie and David requiring vent pipe repair, tank test (result due on 09/30/11), soil delineation near boiler and tank and endpoint samples. the cleanup report due on 10/24/11. letter emailed to Debbie, David and Victor.

10/20/11-Hiralkumar Patel.

1:22 PM:- spoke with Victor. he mentioned that he has sent work proposal, but no response yet.

1:23 PM:- left message for Ms. Granderson.

1:24 PM:- left message for Mr. Granderson.

1:28 PM:- sent email to Mr. Granderson and Ms. Granderson and asked them to submit tank test result and spill cleanup report by the end of 10/24/11 to avoid legal enforcement.

10/31/11-Hiralkumar Patel. received email from Gregory Watts (at 12:12 PM on 10/24/11), attorney for the estate of Gerald Granderson. Mr. Watts mentioned that Debbie Granderson (now known as Deborah DeFour) is the administrator of the estate and she has filed a claim with NY Property Insurance Underwriting Association. Ms. DeFour has submitted cost estimates to the insurance carrier and waiting for response. Mr. Watts requested 30 days extension to submit cleanup report.

Gregory S Watts

\*\*attorney for Mr. Granderson's estate\*\*

Ph. (718) 875-5020

(718) 902-6852 (C)

email: gswatts26@aol.com

11/01/11-Hiralkumar Patel.

10:35 AM:- spoke with (and sent email to) Mr. Watts. asked him to provide contact info of a person who is handling insurance claim. email copied to Mr. Granderson and Ms. DeFour.

02/03/12-Hiralkumar Patel.

4:27 PM:- left message for Mr. Watts.

4:28 PM:- left message for DeFour.

08/17/12-Hiralkumar Patel.

12:23 PM:- left message for David Granderson.

12:26 PM:- left message for Mr. Watts.

12:30 PM:- sent email to Mr. Watts requesting call back. email copied to Mr. Granderson and Ms. DeFour.

08/20/12-Hiralkumar Patel.

3:18 PM:- received call from David. he mentioned that Ms. DeFour is the administrator of the estate and managing the property. he asked to contact Ms. DeFour.

08/22/12-Hiralkumar Patel. received fax from Mr. Watts. he mentioned that Ms. DeFour was appointed administrator of the Estate of Gerald Granderson on 06/26/12. she is in process of hiring Waste Oil Solution to remove contaminated soil and anticipated work to begin the second week in Sep. 2012. report will be submitted once work completed.

08/23/12-Hiralkumar Patel.

3:40 PM:- spoke with Mr. Watts. based on available information, informed him that cleanup report must be submitted by the end of 10/19/12.

3:50 PM:- sent email to Mr. Watts informing that report is due on 10/19/12. email copied to Ms. DeFour.

10/24/12-Hiralkumar Patel.

12:35 PM:- received call from Carl from Miller Environmental. they will perform subsurface investigation on 10/26/12 and will submit report by 11/09/12.

Carl Fiore  
Miller Environmental  
Ph. (516) 876-7940  
email: cfiore@millerenv.com

11/14/12-Hiralkumar Patel.

3:09 PM:- received message from Patrick from Miller. they did borings at the site.

Patrick Mcloughlin  
Miller Environmental  
Ph. (516) 369-2316  
email: pmcloughlin@millerenv.com

11/28/12-Hiralkumar Patel.

1:32 PM:- left message for Patrick.

12/10/12-Hiralkumar Patel.

1:12 PM:- spoke with Patrick. they did borings in basement and found contamination in 15 by 10 ft area based on field observations (about 150 ppm in main spill area). instead of sending boring samples for analysis, he is planning to start soil excavation and will collect endpoint samples. he will talk to property owner and will call back with excavation schedule.

01/07/13-Hiralkumar Patel.

2:21 PM:- spoke with Patrick. he mentioned that due to some other storm related jobs, work proposal was delayed. they have sent proposal recently and waiting for response from property owner.

04/09/13-Hiralkumar Patel.

2:33 PM:- sent email to Patrick inquiring update.

4:03 PM:- received email from Patrick. he mentioned that work proposal was sent to homeowner and their attorney back in January, but never received approval.

06/24/13-Hiralkumar Patel.

3:27 PM:- left message for Mr. Watts.

07/02/13-Hiralkumar Patel. received letter from Mr. Watts. he mentioned that Camilla Granderson, sister of Gerald Granderson, is partial owner of this property. Mr. Watts and Ms. De Four are in contact with distributee of Camilla Granderson, Ms. Avian Middleton. they are currently in process of discussing payment by both estates for cleanup cost. Mr. Watts mentioned that leak was contained.

Camilla Granderson  
c/o Avian Middleton

\*\*partial owner of the property\*\*

11/17/14-Hiralkumar Patel.

9:17 AM:- left message for Mr. Watts.

\*\*tank test result due on 09/30/11.\*\*

\*\*cleanup report due on 10/19/11.\*\*

DEC requires: 1) immediately fixing of broken vent line, 2) fill port seal, 3) tank system tightness test, 4) excavation of contaminated soil, 5) soil delineation around tank due to break in vent pipe and stained area around tank

**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
1201519	1450 ATLANTIC AVE INC	1450 ATLANTIC AVE	BROOKLYN
9505281	ATLANTIC AVE/NEW YORK AVE	ATLANTIC AVE/NEW YORK AVE	BROOKLYN
1209743	PRIVATE RESD	310 TOMPKINS AVE	BROOKLYN
1200586	FUEL OIL SPILL AND SEEPAGE TO NEIGHBOR	492 MONROE STREET (SOURCE SITE)	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 9**      **408 JAY/1427 FULTON /BKLN**      **Spill Number: 8909337**      **Close Date: 02/12/2003**  
 1427 FULTON/408 JAY ST      BROOKLYN, NY      TT-Id: 520A-0214-142

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (5)  
 Approximate distance from property: 500 feet to the SSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL      Spiller: JOSEPH JEMAL – UNK      Spiller Phone: (718) 239-8580  
 Notifier Type: Other      Notifier Name:      Notifier Phone:  
 Caller Name: LARRY RICE      Caller Agency: MYSTIC TRANS      Caller Phone: (718) 956-0707  
 DEC Investigator: SULLIVAN      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	
12/23/1989		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1700	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DRIVER DELIVERED TO WRONG FILL PIPE – CALLER NOT ABLE TO GAIN ACCESS TO BLDG UNTIL 915 ON 12/26 – SUSPECT FUEL SANK THRU CRACKS IN FLOOR – CALLER OFFERED TO CLEAN SPILL & DEODORIZE –PERMISSION DENIED

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 10**      **420 JEFFERSON AVE/BKLYN**  
 420 JEFFERSON AVENUE

NEW YORK CITY, NY

**Spill Number: 8809256**

**Close Date: 10/16/1997**  
 TT-Id: 520A-0040-903

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1112 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Affected Persons  
 Caller Name: JOHN MANISCALCO  
 DEC Investigator: FINGER

Spiller:  
 Notifier Name:  
 Caller Agency: CITY UTILITIES  
 Contact for more spill info:

Spiller Phone: (718) 735-9050  
 Notifier Phone:  
 Caller Phone: (718) 846-3636  
 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	
02/28/1989		TANK FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

275 GALLON TANK WAS FILLED, LEGS ON TANK BROKE, TANK FELL & BROKE FUELLINE, SPILL CONTAINED IN BASEMENT, NYCFD HAZMAT & NYCPD RESPONDED, APPLIED SPEEDY DRY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 11**      **62 BROOKLYN AVE.**  
 62 BROOKLYN AVE

BROOKLYN, NY

**Spill Number: 9208697**

**Close Date: 10/28/1992**  
 TT-Id: 520A-0048-082

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1399 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: Other Notifier Name: Notifier Phone:  
 Caller Name: WALTER URBAN Caller Agency: BAERENKLAU FUEL OIL Caller Phone: (718) 647-4200  
 DEC Investigator: KSTANG 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: 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	
10/28/1992	10/28/1992	TANK FAILURE	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:

CUST. REPORTED ODOR SVCNMN FOUND WEEPING TANK-SPEEDI-DRI APPLIED-TANK TO BE REPAIRED-DELIV. ON HOLD CUST NOTIFIED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 12** **FARROW HOME** **Spill Number: 0509001** **Close Date: 11/08/2005**  
 133 HALSEY STREET BROOKLYN, NY TT-Id: 520A-0040-745

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1431 feet to the W

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: FARROW HOME - FARROW HOME Spiller Phone: (718) 623-2623  
 Notifier Type: Other Notifier Name: THOMAS BUTLER Notifier Phone: (718) 497-4491  
 Caller Name: THOMAS BUTLER Caller Agency: CONSUMERS ENERGY Caller Phone: (718) 497-4491  
 DEC Investigator: rvetani Contact for more spill info: FARROW HOME Contact Person Phone: (718) 623-2623

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	
10/27/2005		TANK 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:

TANK FAILURE ON A GAUGE: FIRE DEPT. SPEEDI DRI WAS PLACED DOWN;

DEC Investigator Remarks:

Sangesland spoke to Tom Butler with Vijax Fuel. He said a delivery was made this morning. At lunch time the owner's granddaughter came home from work and smelled oil. NYC Fire Dept arrived, contained the spill and laid speedie dry. The granddaughter then went back to her job. Vijax will send someone to the house today at 4PM when she comes home to inspect and clean the basement area. Unknown how much spilled, unknown what impact was made to the basement area. (could be a minor spill all cleaned up, or it could need remediation)

Sangesland spoke to "Miss Foster" granddaughter of owner. She said the spill was rather small and only on the cement floor of the basement. Vijax was in the process of cleaning it up as of 4:30 PM on 10/27. Probably OK to close out if we don't hear back from Ms Foster in the next couple of days.

11/8/05 - Raphael Ketani. I called up Vijax and spoke to Thomas Butler. He said that everything is cleaned up and working well in the home. He said Mr. Farrow is happy with the cleanup and how things are working now. So I am closing the case.

**Map Identification Number 13** **157 DECATUR STREET**  
 157 DECATUR STREET

BROOKLYN, NY

**Spill Number: 9207785**

**Close Date: 10/06/1992**  
 TT-Id: 520A-0041-190

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1676 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: RICH HOUSTAN Caller Agency: BAERENKLAU OIL CO. Caller Phone: (718) 647-4200  
 DEC Investigator: KSTANG 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	
10/05/1992	10/06/1992	TANK FAILURE	UNKNOWN		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:  
 LEAKY FITTINGS -SPILL ON BASEMENT FLOOR CLEANED UP AND TANK FIXED

DEC Investigator Remarks:  
 Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

**Map Identification Number 14** **CONSTRUCTION SITE** **Spill Number: 9706899** **Close Date: 12/31/1997**  
 500 NOSTRAND AVE BROOKLYN, NY TT-Id: 520A-0044-520

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION  
 Site location mapped by: PARCEL MAPPING (1) Revised street: NO CHANGE  
 Approximate distance from property: 1899 feet to the W Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: CONSTRUCTION SITE Spiller Phone:  
 Notifier Type: Other Notifier Name: RAY KAHN Notifier Phone: (212) 363-3775  
 Caller Name: RAY KAHN Caller Agency: ESPL ENVIRONMENTAL Caller Phone: (212) 363-3775  
 DEC Investigator: MMMULQUE 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 - 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	
09/09/1997		TANK 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:

CALLER WAS CALLED WHEN CONTAMINATION WAS FOUND AROUND TANK AT A BUILDING THAT IS BEING TAKEN DOWN – NO FURTHER INFO YET

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN" SAME AS 8706894. EXCAVATION AND TANK CLOSURE REPORT INDICATES SOURCE REMOVED. NO FURTHER ACTION REQUIRED.

See file for 9706894.

**Map Identification Number 15**  **462 NOSTRAND AVENUE** **Spill Number: 9412982** **Close Date: 12/29/1994**  
 462 NOSTRAND AVENUE BROOKLYN, NY TT-Id: 520A-0044-516

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2051 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: WHALECO Spiller Phone: (718) 852-7000  
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:  
 Caller Name: BOB SNYDER Caller Agency: WHALE CO. FUEL OIL Caller Phone: (718) 852-7000  
 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	
12/29/1994	12/29/1994	TANK FAILURE	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

-----  
 Caller Remarks:

VENT HAD AIR TRAPPED, WENT TO FILL TANK AND SOME CAME OUT, SPEED DRY APPLIED AS RESIDENT TO SWEEP UP.

-----  
 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MARTINKAT"

**Map Identification Number 16**      **WOLF AMOCO STATION**      **Spill Number: 0211716**      **Close Date: 07/07/2006**  
      1581 ATLANTIC AVE      BROOKLYN, NY      TT-Id: 520A-0040-319

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2363 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY	Spiller: ATLANTIC AV REALTY CORP	Spiller Phone: (516) 997-9300
Notifier Type: Other	Notifier Name: BRUCE BECK	Notifier Phone: (631) 422-3370
Caller Name: BRUCE BECK	Caller Agency: NATIONAL ENVIRONMENTAL	Caller Phone: (631) 422-3370
DEC Investigator: SKCARLSO	Contact for more spill info: BRUCE BECK	Contact Person Phone: (631) 422-3370

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
02/26/2003		TANK FAILURE	2-509027	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 COMPANY REMOVING UNDERGROUND FUEL TANKS, AND CONTAMINATED SOIL WAS DISCOVERED - THERE ARE 4, 4000 GALLON TANKS BEING

REMOVED ON SITE – OIL CONTAMINATED SOIL IS BEING EXCAVATED

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DEC Investigator Remarks:

Sangesland on desk duty – Sent contaminated soil letter

1/8/04 Reassigned from Vought to K Foley.

2/23/04 Phonecall from Oliver Cutajar (718-613-4051) VP of Planning at Interface Medical Center, an adjacent property. Wish to purchase this property and are in due diligence.

2/24/04 Left VM for B. Beck. Expect that he has a UST closure report.

2/24/04 Left message with O. Cutajar.

2/25/04 UST closure report hand-delivered by B. Beck. 4X4000gal gasoline USTs removed. Visual inspection of excavation along all walls and flooring did reveal signs of contamination. Dark stained soils were visible along all four walls. PID screening confirmed suspect contamination. 22 soil samples collected from excavation and all concentrations were less than the MDL for volatiles. Samples 1-10 were collected from the excavation floor(within 2' of the floor) and 11-22 were collected from the excavation sidewalls(within 2' of the wall surface and 3' of the floor). No groundwater samples were collected. Groundwater is expected to be at 50'bgs and flow south-southeast. Report recommends closure.

3/2/04 Brad Fisher, Delta faxed FOIL request to obtain a copy of closure report. Request sent to FOIL office with copy of report.

3/2/04 Mailed out closure report as per FOIL office.

3/18/04 Spoke to O. Cutajar, Interface Medical. He was notified that the Dept. will require groundwater sampling before closing spill.

4/30/04 Letter mailed to Wolf. Requests groundwater sample from tank excavation.

5/4/04 Bruce Beck email – has requested an access agreement with BPAmoco for this site as Wolf no longer owns the property. He will be sending scope of work shortly.

6/8/04 Groundwater sample scheduled to be taken tomorrow.

7/20/04 Spoke to B. Beck. Will need to develop workplan to install wells. Expect within a week.

7/21/04 Received a draft drawing and lab data from two borings completed.

8/27/04 Received workplan to install five MWs on-site.

8/30/04 Sent workplan approval letter. Summary report due 10/22/04.

9/29/04 Met with B. Cohen(Certilman Balin Attorneys), B. Beck(consultant, National Env.) with J. Rommel and L. Oliva.

Groundwater previously identified at 12'bgs was determined to be perched. DTW at approx 68'bgs. Bruce took 3 GW samples and 5 soil samples. Hit refusal in 2 borings. No wells were installed due to lack of materials. B. Beck to submit data by 10/22/04.

10/22/04 Received Groundwater Sampling and Investigation Report. Previously, two soil samples and one water sample were

collected. The single water sample collected was from 13'bgs. The two soil samples were collected at 11'bgs. Upon commencing well installations, it was evident that GW was not at 13'bgs as originally encountered. Groundwater was finally detected at 65'bgs. The crew was not prepared to install a 65' well.

2/1/06: Case reassigned to Andersen. In report received 10/22/04, only minimal gw and soil SVOC contamination is present. Water table in 65 feet below ground surface and deeper in some locations, with a possible very small perched water table located at 12 feet below ground surface as per the 7/20/04 samples. The soil SVOC contamination appears to be evenly distributed throughout the entire site. Repeated refusal occurred during sampling and the fourth soil boring to 65 feet did not reach the gw table.

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. Bruce Beck indicated that the investigation report dated 10/2004 did not encounter the perched water table, and that the borings performed all showed clean soil and groundwater.

7/7/06: Perched water was not encountered during the soil borings described in the report dated 10/20/04. The groundwater table was clean. NFA issued.

**Map Identification Number 17** **909 ST MARKS AVE** **Spill Number: 9302830** **Close Date: 06/02/1993**  
 **909 ST MARKS AVE** **BROOKLYN, NY** **TT-Id: 520A-0043-984**

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2458 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: 909 ST MARKS AVENUE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: RESIDENCE	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: WALTER URBAN	Caller Agency: BAERENKLAU	Caller Phone: (718) 647-4200
DEC Investigator: CAMMISA	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: 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
06/02/1993	06/02/1993	TANK FAILURE	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:

CUSTOMERS OIL LINE LEAKING REPLACED LEAKING LINE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "CAMMISA."

**Map Identification Number 18**      **RESIDENCE**      **Spill Number: 0310575**      **Close Date: 06/07/2004**  
      236 PUTNAM AVE      BROOKLYN, NY      TT-Id: 520A-0043-742

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2466 feet to the WNW

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: PATRICK SYLVESTER	Notifier Phone: (718) 622-7622
Caller Name: BOB CASTORO	Caller Agency: TRUCKING USA	Caller Phone: (917) 578-2839
DEC Investigator: MXTIPPLE	Contact for more spill info: PATRICK SYLVESTER	Contact Person Phone: (718) 622-7622

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	
12/12/2003		TANK FAILURE	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:

leak in fuel oil tank. tank is 275 gallons and is located in the basement. Ambrose Environmental will be handling the cleanup.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"

12/12/2003 Lisa from Tristate Envir. (914-592-3385) called to say her crew was on their way to the site.

12/15/2003 Lisa said her crew did a cleanup both outside and inside the basement. Basement floor was cement. Some personal property was impacted. She will check with her crew for more details and get back to the DEC.

12/19/2003 Sangesland spoke again with Lisa at Tristate. The borings taken near the tank were a little high. Tristate will do more work next week and will get back to the DEC.

2/5/2004 Lisa from Tristate called from the site. They're digging out the basement today and will probably get endpoint samples by the end of the day. The homeowner had issues about the length of time it would take to complete the job. Sangesland said the DEC would work with Tristate to turn around the sample results and approve a closure ASAP.

3/5/2004 Sangesland called Lisa for a status update. Tristate still needs to get into basement to finish digout. Scheduling is a problem with the homeowner.

Sangesland tried to call homeowner- no answer, no message machine

6/7/04 Tipple reviewed/// report reviewed ///nfa issued



**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 19**      **CITGO**      **Spill Number: 9011588**      **Close Date: 05/25/1995**  
 1450 ATLANTIC AVENUE      BROOKLYN, NY      TT-Id: 520A-0046-435

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1349 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY      Spiller: CITGO      Spiller Phone: (718) 938-5545  
 Notifier Type: Tank Tester      Notifier Name:      Notifier Phone:  
 Caller Name: JOHN RATHAEL      Caller Agency: PETRO CONSTRUCT CO      Caller Phone: (718) 385-8800  
 DEC Investigator: WILSON      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
01/10/1991	05/25/1995	TANK TEST FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

**TANK TEST INFORMATION**

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

(10) 550 GAL TANKS & (1) 4K TANK ON SITE,(7) 550 GAL TANKS,SYSTEM TEST,FAILED PETRO TITE,(3) 550'S & 4K TANKS ARE TIGHT,ALL IN CONCRETE, NO ACTION DETERMINED,REGION 2 WAS SENT INDIVIDUAL LEAK RATES

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 20** **NYC PUBLIC SCHOOL PS44** **Spill Number: 0007993** **Close Date: 12/13/2005**  
 432 MONROE ST BROOKLYN, NY TT-Id: 520A-0046-733

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1837 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: FRANK CARDELLO - NYC PUBLIC SCHOOL PS44 Spiller Phone: (718) 391-6832  
 Notifier Type: Tank Tester Notifier Name: JOHN LEDDY Notifier Phone: (631) 321-4670  
 Caller Name: JOHN LEDDY Caller Agency: PROTEST ENTERPRISES Caller Phone: (631) 321-4670  
 DEC Investigator: AJWHITE 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	
10/04/2000		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	15000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

RECOMMEND TO EXCAVATE-ISOLATE AND RE-TEST

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SAWYER"  
 9/09/03 1600 Hrs Sawyer sent NYC Department Of Education an "Old Tank Test Failure" letter attention James A. Merlo. (718)349-5738

11/15/2005: Lead transferred to Joe White as part of the Spill Initiative Project.

12/08/2005: Mr. James Merlo, the coordinator for NYC School spills, called Joe White to indicate that the tank has been retested and passed. These passing results will be sent to the DEC for closure of failed tank test.

12/13/2005: Joe White received a copy of tank test of 2/7/2001 when tank passed leak test. This document is copied on eDocs files. A letter from James Merlo on 5/27/2003 verifies that there is no significant soil contamination in the vicinity of this tank (copy in eDocs). A copy of most recent tank test was received from registration Certificate 10/4/2005 (copy in eDocs). As a result of this information it appears that the tank has been pressure tested and no contamination remains at this site.

**Map Identification Number 21**      **CLOSED-LACKOF RECENT INFO**      **Spill Number: 9007162**      **Close Date: 03/04/2003**  
 584 GATES AVENUE      BROOKLYN, NY      TT-Id: 520A-0046-735

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2002 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY	Spiller: FARMERS SERVICE STA	Spiller Phone: (718) 574-9388
Notifier Type: Tank Tester	Notifier Name:	Notifier Phone:
Caller Name: GREG SHARMOND	Caller Agency: PETROLEUM CONSTRUCTION	Caller Phone: (718) 385-8800
DEC Investigator: ADMIN. CLOSED	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	
09/29/1990		TANK TEST FAILURE	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:

(2) 4K TANKS FAILED PRECISION TEST WITH AN UNKNOWN LEAK RATE, WILL EXCAVATE, ISOLATE & RETEST.

CLOSED DUE TO LACK OF ANY RECENT INFO – DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 22** **SUNOCO SVC STATION TTF** **Spill Number: 0911012** **Close Date: 01/25/2012**  
 482 THROOP AVE BROOKLYN, NY TT-Id: 520A-0248-285

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2002 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: JUNIOR FARMER – TANK TEST FAILURE Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: SMSANGES Contact for more spill info: JUNIOR FARMER Contact Person Phone: (718) 574-9388

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	
01/12/2010		TANK TEST FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

dual wall tank – outer wall appears to be holding – cleanup pending

DEC Investigator Remarks:

Sangesland spoke to Junior Farmer (station manager/owner?) He said there was a problem with the gasket on the top of the diesel tank. A new gasket was installed and the tank passed a retest.

**Map Identification Number 23**

**SPILL NUMBER 0104978**

**Spill Number: 0104978**

**Close Date: 12/06/2001**



92 HERKIMER ST

BROOKLYN, NY

TT-Id: 520A-0040-068

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2113 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: Tank Tester  
 Caller Name: STEVE BRAUN  
 DEC Investigator: MXTIPPLE

Spiller:  
 Notifier Name: STEVE BRAUN  
 Caller Agency: AR FUELS  
 Contact for more spill info: STEVE BRAUN

Spiller Phone:  
 Notifier Phone: (718) 444-3400  
 Caller Phone: (718) 444-3400  
 Contact Person Phone: (718) 444-3400

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
08/08/2001		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	4000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
 11/30/2001 Tank passed EZY 3 LP test on 10/31/2001. -jz

12/06/01 STEVE BRAUN ASSURED DEC THAT THERE WAS NO SPILLAGE THERE WAS A SUCTION LINE THAT HAD BEEN REPLACED THAT WAS NOT PROPERLY SEALED AND THE VENT NEEDED TO BE TIGHTENED

**Map Identification Number 24** **RESIDENTIAL**  
 891 ST. MARKS AVE

BROOKLYN, NY

**Spill Number: 1110372**

**Close Date: 01/09/2012**  
 TT-Id: 520A-0270-717

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2374 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: 891 ST MARKS AVENUE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: SFRAHMAN

Spiller: MANEULA MOZO - PROP. OWNER  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: JEFF MCKENZIE

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: 800-440-8265

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
11/21/2011		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

**Caller Remarks:**

TTF

**DEC Investigator Remarks:**

Spoke with Advanced Tank. They performed the tank test on behalf of a potential buyer. As per city record: Property owner, ANTONE FRAUCH Mailing Address: 891 SAINT MARKS AVE BROOKLYN, NY 11213-1539. They core sampled around the tank and found contamination. Tank has product in it now. TTF was sent out.

01/09/12 Tank was emptied and removed by Alliance Mechanical & Demolition, LLC. Excavation was backfilled after taking the soil end point samples. Tank removal Affidavit included. I spoke with Rene Lewis and he indicated that there was no leak on the tank, soil samples were taken from the bottom of the tank, results are within acceptable limit. Case closed. (sr)

**Map Identification Number 25** **850 SAINT MARKS OWNERS CO** **Spill Number: 0500893** **Close Date: 10/18/2005**  
 850 SAINT MARKS AVE BROOKLYN, NY TT-Id: 520A-0043-982

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2563 feet to the S

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: ISSAC MUNGRA – 850 SAINT MARKS OWNERS CO Spiller Phone: (718) 378-7000  
 Notifier Type: Tank Tester Notifier Name: ISSAC MUNGRA Notifier Phone: (718) 378-7000  
 Caller Name: ISSAC MUNGRA Caller Agency: EASTMAN & SONS Caller Phone: (718) 378-7000  
 DEC Investigator: SFRAHMAN Contact for more spill info: ISSAC MUNGRA Contact Person Phone: (718) 378-7000

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	
04/21/2005		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	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

DRY LEAK.

DEC Investigator Remarks:

Contaminated Soil Letter sent to:

850 Saint Marks Owners Corp.  
 850 Saint Marks Ave  
 Brooklyn, NY  
 10.18.05 Sharif-spill No. 0413104 is open at the same address. So this one is closed.



**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 26**      **ROADWAY**      **Spill Number: 0500400**      **Close Date: 04/11/2005**  
 TOMPKINS AVE AND HALSEY S      BROOKLYN, NY      TT-Id: 520A-0043-762

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 359 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: TOMPKINS AVE / HALSEY ST  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL      Spiller: UNKOWN      Spiller Phone:  
 Notifier Type: Other      Notifier Name: SEAN DONOHUHE      Notifier Phone: (212) 689-1520  
 Caller Name: SEAN DONOHUHE      Caller Agency: NYC DEP      Caller Phone: (212) 689-1520  
 DEC Investigator: MXTIPPLE      Contact for more spill info: ROMAN CROOK      Contact Person Phone: (718) 493-6655

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
04/08/2005		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:**

Oil spill in the middle of the street. Has not been cleaned up.

**DEC Investigator Remarks:**

4/11/05//mt//roadway spill cleaned//nfa

**Map Identification Number 27** **SERVICE BOX 28638**  
 229 MACON ST

BROOKLYN, NY

**Spill Number: 0909949**

**Close Date: 12/14/2009**  
 TT-Id: 520A-0234-039

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 361 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RWAUSTIN

Spiller: ERT - UNKNOWN  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: ENVIRONMENTAL RESPONSE TEAM

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 - 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
12/03/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ANTIFREEZE	OTHER	1.00	UNKNOWN	0.00	UNKNOWN	

Caller Remarks:

clean up pending

DEC Investigator Remarks:

12/14/09 - Austin - Antifreeze spill - Containment and cleanup completed by Con Ed - see eDocs for further info - spill closed - end

**Map Identification Number 28** **SERVICE BOX 20281**  
 257 HALSEY ST

BROOKLYN, NY

**Spill Number: 9810926**

**Close Date: 02/14/2003**  
 TT-Id: 520A-0042-237

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 476 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: Other	Notifier Name: MR DONATONE	Notifier Phone:
Caller Name: STEPHEN CRIBBEN	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: STEPHEN CRIBBEN	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	
12/01/1998		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:

10 OZ PRODUCT ON 10 GALS OF WATER - CONTAINED - SAMPLES TAKEN CLEAN UP PENDING RESULTS CON ED 121586

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 e2mis notes

12/1/98--1000HRS--J.GUZZI U/G REPORTS FOUND APPROX.10,OZ--OF UNKNOWN OIL ON 10--GALLONS OF WATER IN SB-20281,CONTAINED NO SEWERS OR WATERWAYS EFFECTED,SAMPLE TAKENN,WILL CALL BACK WHEN TAG IS PLACED-----G DONATONE-----

GUZZI CALLED BACK TO REPORT TAG#12129 PLACED---G DONATONE-----

LAB RESULT RECEIVED 12/1/98 - 1925. 98-13248. <1.0 PPM. TJ - 50495

UPDATE: 12/18/98 - 1115

J. RUSSO - 58886 - ENV. OPS., REPORTS <1.0 PPM CLEANUP COMPLETE WITH SLIX AND TAG #12129 REMOVED. INCIDENT IS CLOSED.

**Map Identification Number 29**  **SERVICE BOX 28444**  
28 MACDONOUGH ST

BROOKLYN, NY

**Spill Number: 0010375**

**Close Date: 01/10/2002**  
TT-Id: 520A-0043-999

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 595 feet to the SW

**ADDRESS CHANGE INFORMATION**

Revised street: 28 MAC DONOUGH ST  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Other  
Caller Name: BILL MURPHY  
DEC Investigator: OKWUOHA

Spiller: UNKNOWN  
Notifier Name: TOJEIRA  
Caller Agency: CON EDISON  
Contact for more spill info: BILL MURPHY

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	
12/15/2000		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 water - sample taken clean up pending results confined to service box no leaking equipment no sump  
con ed 134779

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 30**  **SERVICE BOX 19871**  
1403 FULTON ST

BROOKLYN, NY

**Spill Number: 9912857**

**Close Date: 02/27/2002**  
TT-Id: 520A-0049-356

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 657 feet to the SW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR WAYNERITE	Notifier Phone:
Caller Name: STEPHEN CRIBBIN	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: STEPHEN 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 - 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	
02/11/2000		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:

1/2 PINT ON 5 GALLONS OF WATER. SAMPLE TAKEN, CLEAN UP PENDING.  
 CON ED# 129950

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 31**      **SERVICE BOX 43000**  
 413 TOMPKINS AVE

BROOKLYN, NY

**Spill Number: 0208742**      **Close Date: 02/20/2003**  
 TT-Id: 520A-0040-269

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 689 feet to the N

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: LARRY COSTA  
 DEC Investigator: KMFOLEY

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency: CON EDISON  
 Contact for more spill info: LARRY COSTA

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	
11/22/2002		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 qt unk oil on sludge - came off 24 hr program - crew unable to clean up no access to box - con ed 146118

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY" e2mis no. 146-118:

11/22/02 11:59

FOUND APPROX. 1 QT. UNKNOWN OIL MIXED WITH SLUDGE ON FLOOR OF STRUCTURE. VACTOR #60563 WAS ALSO CONTAMINATED. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. SAMPLE TAKEN ON "E" PRIORITY TURNAROUND. CREW WILL FINISH CLEANING STRUCTURE SINCE THE VACTOR IS ALREADY CONTAMINATED (AS PER A. WALKER, O.S. BROOKLYN ENV OPS). VACTOR WILL THEN BE BROUGHT BACK TO RD AVE YARD TO BE QUARANTINED PENDING PCB RESULTS FROM CHEM

LAB.

LAB RESULT RECEIVED 11/23/02 - 0100. 02-10949. < 1.0 PPM.

UPDATE: 23-NOV-2002 1630HRS DOUBLE WASHED STRUCTURE WITH BIO GEN 70. REMOVED ALL LIQUIDS. REMOVED TAG # 38101. NO SUMP IN STRUCTURE. JOB COMPLETE 100%.

**Map Identification Number 32** **SERVICE BOX 19884**  
 1478 FULTON ST

BROOKLYN, NY

**Spill Number: 0007877**

**Close Date: 12/14/2001**  
 TT-Id: 520A-0039-892

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 788 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: JIMMY FOX  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR DELACROSS  
 Caller Agency: CON ED  
 Contact for more spill info: JIMMY FOX

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	
10/04/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

APPROX 4 GALLONS OF UNK OIL - SAMPLES TAKEN AND CLEANUP PENDING RESULTS. CON ED #133786.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis #133786 Notes:

10-4-00 4gal unknown oil on 120gal water in manhole. PCB sample taken.

Sample returned <1ppm PCBs.

12-15-00 Cleanup completed by double washing with slix. Waste product removed using diapers and coagulant and vector. No leaking company equipment. No sump.

**Map Identification Number 33** **SERVICE BOX #19870**  
 1381 FULTON ST

BROOKLYN, NY

**Spill Number: 9809219**

**Close Date: 10/31/2002**  
 TT-Id: 520A-0042-219

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 795 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: TONY CONSTANTINE  
 DEC Investigator: CAENGELH

Spiller: UNKNOWN  
 Notifier Name: MR WAYNERITE  
 Caller Agency: CON ED  
 Contact for more spill info:

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	
10/23/1998		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 THAT UNKNOWN OIL FOUND IN SERVICE BOX. CON ED TO CLEAN.  
 CON ED #120752.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 Con Ed e2mis #120752:

23-OCT-1998 10:45 -- K. MASON #49738 I&A SPLICER, REPORTS WHILE WORKING ON A SERVICE JOB IN S/B #19870 (F/O 1381 FULTON ST) HE FOUND APPROX. 1 GAL. OF OIL ON APPROX. 25 GAL. WATER. OIL IS FROM UNKNOWN SOURCE. THE HOLE IS CONTAINED, NO SUMP PUMP OR DRAIN, NO SEWERS OR WATERWAYS AFFECTED. HE TOOK A LIQUID SAMPE (1 QT AMBER JAR), WILL REQUEST 4-6 HR TURNAROUND. INSTALLED STOP TAG #22066.  
 NOTIFIED CONSTANTINE OF C.I.G. AT 11:34.  
 LAB RESULT RECEIVED 10/24/98 - 1155. 98-11539. 3 PPM.

UPDATE: 10/26/98 - 1035

A. WALKER - 55495 - ENV. OPS., REPORTS 3 PPM CLEANUP COMPLETE WITH SLIX AND TAG #22066 REMOVED.

**Map Identification Number 34** **MANHOLE # 3214** **Spill Number: 9905311** **Close Date: 11/05/1999**  
 DECATUR ST & THROOP AVE BROOKLYN, NY TT-Id: 520A-0043-992

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 849 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: DECATUR ST / THROOP AVE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN - UNKNOWN Spiller Phone:  
 Notifier Type: Local Agency Notifier Name: JOE DEVOTI Notifier Phone: (212) 580-6763  
 Caller Name: JOE DEVOTI Caller Agency: CON EDISON Caller Phone: (212) 580-6763  
 DEC Investigator: JHOCONNE Contact for more spill info: JOE DEVOTI 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	
08/03/1999		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:**

2 GALS UNK OIL ON 400 GALS OF WATER

CON ED #126999

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 con ed e2mis notes:

Approx 2 gallons of oil from and unknown source on 400 gallons of water. He sees no joint regulator or any other oil fill

equipment in hole and he does not see any sump or sewer connection, he took a liquid sample.

<1.00ppm, lab seq#99-08016

<1.0 ppm cleanup complete and tag removed, incident is closed.

<b>Map Identification Number 35</b>	<b>MANHOLE TM1457</b>		<b>Spill Number: 9902577</b>	<b>Close Date: 05/18/2000</b>
	CENTER OF DECATUR ST	BROOKLYN, NY		TT-Id: 520A-0043-993
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: ADDRESS MATCHING		Revised street: DECATUR ST / THROOP AVE		
Approximate distance from property: 849 feet to the ESE		Revised zip code: NO CHANGE		
Source of Spill: UNKNOWN		Spiller: UNKNOWN		Spiller Phone:
Notifier Type: Affected Persons		Notifier Name: MISS NEVILLE		Notifier Phone:
Caller Name: BILL MURPHY		Caller Agency: CON EDISON		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	
06/06/1999		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 quart of oil on 5 gallons of water - transformer pressure tested ok - sample taken - clean up pending test results - con ed ref 125361

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con ed e2mis notes:

Found 1 qt unknown oil in 5 gallons of water in bottom of tm1457. cleanup completed and tag was removed. Incident is closed.

unknown oil: 1 qt

PCB 14ppm

**Map Identification Number 36**



**SERVICE BOX 21398**

IFO 369 JEFFERSON AVE

BROOKLYN, NY

**Spill Number: 0000258**

**Close Date: 01/17/2002**

TT-Id: 520A-0043-760

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)

Approximate distance from property: 925 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: 11221

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: MIKE CESARE  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name:  
 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	
04/06/2000		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:**

5 gallons on 40 gallons water. con ed # 130783

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis #130783 Notes:

4-6-00 1343hrs

Found 5gal unknown oil on 40gal water in SB 21398. Liquid sample taken.

4-6-00 2213hrs

LSN 00-03362 <1ppm PCB

4-13-00 1130hrs

Cleanup completed. No sump. Double washed with slix. No leaking equipment.

**Map Identification Number 37**

**MANHOLE 3239**

MARCY AVE / HALSEY ST

BROOKLYN, NY

**Spill Number: 0510726**

**Close Date: 05/03/2007**

TT-Id: 520A-0038-536

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 943 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Responsible Party  
 Caller Name: TOM MARCINEK  
 DEC Investigator: GDBREEN

Spiller:  
 Notifier Name: MR PACE  
 Caller Agency: CON EDISON  
 Contact for more spill info: ERT DESK'

Spiller Phone:  
 Notifier Phone: (212) 580-6763  
 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 - 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	
12/11/2005		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:

3 PINTS UNK OIL IN MANHOLE. NO TO 5 QUESTIONS. COMING OFF 72-HR CLOCK. CON ED REF #162194.

DEC Investigator Remarks:

05/03/07 - See e-docs for Con Ed report detailing cleanup and closure.

162194. 12/11/2005 09:37 HRS. R. CALISE #14889, SR. FIELD OPERATOR WITH F.O.D., REPORTS ON LOCATION TO MARK PHASES ON FEEDER 6B41 FOR REPAIR OF "D" FAULT (ACCT # C3242) AND AT 09:30 HRS. HE FOUND APPROX. 3 PINTS OF UNKNOWN OIL ON TOP OF WATER IN MH-3239. HE STATES MANHOLE FULL TO TOP WITH WATER, WHICH HE ESTIMATED AS 600 GAL. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. ENV. STOP TAG 30229 PLACED. LIQUID SAMPLE TAKEN. CHAIN OF CUSTODY FORM # AA-09996 MARKED FOR "E" PRIORITY TURNAROUND. CLEANUP PENDING PCB RESULTS FROM CHEM LAB. \*\* "D" FAULT INFO --- Fault # 8942, Tag # 01847, Feeder # 6B41, Date Found: 09/25/2005 \*\* Structure: MH3239, Ducting: BE-S/BE-N, Fault Type: 3M Joints, Employee: WILLIAM BINGHAM NOTE: PLACED INCIDENT ON 72-HOUR DEMINIMIS SINCE FEEDER 6B41 IS ALREADY OUT OF SERVICE TO ADDRESS "D" FAULT AND CLEANUP COLUD BE COMPLETED WITHIN 72 HOURS. W. WAINWRIGHT #17344 ---

12/11/05 15:50 HRS. --- RECEIVED PCB RESULTS <1.0 PPM, LSN 05-13086-001. W.W. #17344 ---

12/11/05 17:00 HRS. --- P. ROSADO ON LOCATION WITH F.O.D. AND REPORTS MANHOLE FULL TO CHIMNEY WITH WATER --- WILL NEED A TANKER FOR THIS CLEANUP. CENTRAL FIELD SERVICES REPORTS NO TANKER AVAILABLE UNTIL 11PM SHIFT. NOTIFIED ENV OPS O/S B. BAMONTE. ROSADO WILL NOTIFY F.O.D. CREW ON LOCATION. W.W. #17344

UPDATE 12/11/05 21:40 HRS ENV OPS ROSADO REPORTS THAT TWO VACTORS REMOVED 3000 GALS OF WATER FROM STRUCTURE, IT WAS DOUBLE WASHED USING BIO-GEN 760, NO SUMPS WERE FOUND, THE STRUCTURE IS MAKING WATER, AND THE ENV TAG WAS LEFT IN PLACE AS PER SHIFT MGR UNTIL FOD AND THE UNDERGROUND ARE COMPLETE.

UPDATE 12/12/05 01:30 HRS THIS STRUCTURE FILLED WITH WATER AGAIN AND TWO MORE VACTORS LOADED UP WITH WATER, AND FOD WAS STILL UNABLE TO MARK UP THE FEEDER DUE TO WATER AMOUNT. AS PER THE SHIFT MGR HE WAS SHUTTING THIS JOB DOWN AND WILL FOLLOW UP AT A LATER DATE. J ANDERSON

UPDATE 12-14-05 06:10HRS THIS JOB WILL BE TAKEN OFF THE 72HR CLOCK FEEDER WAS RETURNED TO SERVICE AND D FAULT WILL NOT BE COMPLETED ON TIME. S. PACE 49874.

**Map Identification Number 38****MANHOLE 3208**

MARCY AVE+FULTON STREET

BROOKLYN, NY

**Spill Number: 9910424****Close Date: 03/29/2002**

TT-Id: 520A-0039-741

## MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 971 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: MARCY AVE/FULTON STREET

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: STEVEN ROMERO  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: SAME  
 Caller Agency: CON ED  
 Contact for more spill info: STEVEN 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	
11/30/1999		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	OTHER	2.00	GALLONS	0.00	GALLONS	SOIL
The following material(s) was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
OTHER PETROLEUM	UNKNOWN	2.00	GALLONS	0.00	GALLONS	

Caller Remarks:

THEY HAVE A 2 GALLON UNKNOWN TYPE OIL SPILL SITTING ON TOP OF 600

GALLONS OF WATER IN THE MANHOLE.CLEAN UP PENDING TEST REULTS

CON ED #129145.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Map Identification Number 39

SB 21408

369 JEFFERSON AVE

BROOKLYN, NY

Spill Number: 9914312

Close Date: 06/05/2000

TT-Id: 520A-0043-759

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 996 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: MARK SCHALGEL  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR DELACROCH  
 Caller Agency: CON ED  
 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	
03/20/2000		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 clean up pending lab results 130463

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
CON ED E2MIS NOTES

1 qt. of unknown oil on 10 gals. of water appera contained to structure, no sewers or waterways affected. Sample taken and tag placed #12255

3-20-00 20:05 hrs.

<1.0ppm

3-22-00 10:45

<1.0ppm cleanup completed by double washing structure with slix. Liquid waste removed by tanker. Solid waste removed by vactor. No leaking equipment, no sump.

Tag removed, incident closed.

**Map Identification Number 40**



**SERVICE BOX 21408**  
369 JEFFERSON AVE

BROOKLYN, NY

**Spill Number: 9913445**

**Close Date: 02/28/2002**  
TT-Id: 520A-0043-758

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
Approximate distance from property: 996 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:  
 Notifier Type: Affected Persons Notifier Name: MR REIDY Notifier Phone:  
 Caller Name: STEVEN CRIBBIN Caller Agency: CON ED Caller Phone: (212) 580-8576  
 DEC Investigator: JHOCONNE Contact for more spill info: STEVEN CRIBBIN 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	
02/28/2000		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:

cleanup pending test results ref #130158

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 41** **260 HERKIMER STREET**  
 260 HERKIMER STREET

BROOKLYN, NY

**Spill Number: 9110806**

**Close Date: 01/17/1992**  
 TT-Id: 520A-0049-357

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (4)  
 Approximate distance from property: 1015 feet to the SSW

ADDRESS CHANGE INFORMATION  
 Revised street: 260 HERKIMER ST  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: D WILLIAMS Caller Agency: AL EASTMOND Caller Phone: (212) 378-3000  
 DEC Investigator: KSTANG 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	
01/16/1992	01/17/1992	UNKNOWN	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	3000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

OIL PUMPED FROM BASEMENT. AL EASMOND TO CLEAN.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"

7/11/07 – Austin – Spoke with Rene Lewis of Eastmond Tank, who had checked this spill report in the public database, and noted the brief time span from opening to closure, with no explanation. He had been involved with this spill event in 1992, and reported the following: The spill actually occurred in an underground garage, but was completely contained by the structure. Eastmond vacced and powerwashed the impacted location. Spill was closed correctly, but without the appropriate note in the DEC Remarks section to explain what had occurred during the cleanup. – end

**Map Identification Number 42** **SB 19864** **Spill Number: 9904337** **Close Date: 10/21/1999**  
 1367 FULTON ST BROOKLYN, NY TT-Id: 520A-0047-445

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1015 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 PACE	Notifier Phone: (212) 580-6763
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	
07/13/1999		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 GAL OF OIL ON 10 GAL OF WATER. CONTAINED IN MANHOLE – CLEAN UP PENDING LAB RESULTS CON ED 126-411

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
CON ED E2MIS NOTES 7-13-99

1gal of unknown oil on 10gals. of water. Spill was discovered while attempting to do service job. 1liquid sample taken on a 4-6hrs turnaround.

7-13-99 update

Lab seq# 99-07235 results <1.00ppm

7-20-99

<1.0ppm cleanup complete and tag #25975 removed.

**Map Identification Number 43**



**MANHOLE 19894**

1512 FULTON ST

BROOKLYN, NY

**Spill Number: 0001469**

**Close Date: 09/21/2001**

TT-Id: 520A-0039-823

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1062 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: Affected Persons	Notifier Name: MR DONATONE	Notifier Phone:
Caller Name: MARK SCHLAGEL	Caller Agency: CON EDISON	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	
05/05/2000		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:  
 ON 100 GALLONS OF WATER - CLEAN UP PENDING LAB RESULTS - REF #131228

DEC Investigator Remarks:  
 Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis #131228 Notes:

5-5-00 5gal unknown oil on 100gal water in manhole. Unable to see any sumps or any oil filled equipment due to water. Sample taken returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

**Map Identification Number 44**      **IN SUBWAY GRATING**  
 1533 FULTON ST

BROOKLYN, NY

**Spill Number: 0301494**

**Close Date: 03/09/2005**  
 TT-Id: 520A-0040-352

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1068 feet to the ESE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MAS SOUL FOOD Spiller Phone:  
 Notifier Type: Affected Persons Notifier Name: Notifier Phone:  
 Caller Name: BOBBY ISAAC Caller Agency: NYC TRANSIT AUTHORITY Caller Phone: (718) 243-4891  
 DEC Investigator: MCTIBBE Contact for more spill info: BOBBY ISAAC Contact Person Phone: (718) 243-4891

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	
05/11/2003		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
COOKING OIL	OTHER	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

product came from restaurant and has entered subway grating tunnel and poss sewer -

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"

03/09/05: As per a 2/28/05 e-mail from NYCT, this site was inspected by MOW on 2/23/05. The potential spiller is no longer 1533 Fulton Street. The area and the subway grating no signs of any oil spills. NYCT requested closure of this spill.

**Map Identification Number 45** **LOUIS FREEMAN** **Spill Number: 0111141** **Close Date: 08/12/2005**  
 163A HALSEY ST BROOKLYN, NY TT-Id: 520A-0043-737

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1078 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: LOUIS FREEMAN - LOUIS FREEMAN Spiller Phone: (718) 638-4920  
 Notifier Type: Local Agency Notifier Name: LOUIS FREEMAN Notifier Phone: (718) 638-4920  
 Caller Name: NATALIA BOKSAN Caller Agency: PACIFIC PETRO TRANSPORT Caller Phone: (718) 647-1400  
 DEC Investigator: JBTAMBE Contact for more spill info: LOUIS FREEMAN Contact Person Phone: (718) 638-4920

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	
02/23/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

caller states that tank ruptured and approx 200 gallons spilled in the basement of the house - 2 subjects on the scene trying to clean it up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE" site visit revealed that the release was closer to 25-30 gal, AB environmental on job....fuel line repaired so that elderly residents had heat before sunset.

11/18/03 called AB requesting info

8/11/05- Jacob received copy of paid invoice for the remediate work done on this site and also a copy of non-hazardous manifest

**Map Identification Number 46**      **389 HERKINER ST**  
 389 HERKIMER ST

**Spill Number: 9410999**      **Close Date: 04/30/1998**  
 BROOKLYN, NY      TT-Id: 520A-0041-505

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1147 feet to the SE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Affected Persons  
 Caller Name: DENNIS SANTORO  
 DEC Investigator: O'DOWD

Spiller: JOHNSON-RES  
 Notifier Name:  
 Caller Agency: RELIABLE AUTO FUELS  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 845-0500  
 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
11/17/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	250.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SERVICE DISCOVERED SPILL IN BASEMENT- SERVICE IN VENT

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 47** **MANHOLE #3256** **Spill Number: 0311932** **Close Date: 03/12/2004**  
 PUTNAM AVE BROOKLYN, NY TT-Id: 520A-0238-730

MAP LOCATION INFORMATION  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1163 feet to the NNW

ADDRESS CHANGE INFORMATION  
 Revised street: PUTNAM AV / TOMPKINS AV  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller:	Spiller Phone:
Notifier Type: Federal Government	Notifier Name: KEVIN MCRADLE	Notifier Phone: (212) 580-6763
Caller Name: KEVIN MCRADLE	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	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
01/23/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	GROUNDWATER

-----  
Caller Remarks:

Amount is 2 gallons on top of 25 gallons in a manhole. Spill cause was a defective joint in the manhole. Clean up is pending waiting for test results.

-----  
DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2mis no. 151845:

1/23/04 02:55 HRS. FOUND APPROX. 2 GAL. UNKNOWN OIL ON APPROX. 25 GAL. WATER IN MH-3256. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. LIQUID SAMPLE TAKEN.

1/23 @ 0722 HRS lab results received seq # 04-00522-001 @ 7 ppm PCB.

UPDATE: 1/23/04 - 1700 REPORTS A BLOWN JT IN THE STRUCTURE.

2015 HRS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. LIQ WASTE REMOVED BY TANKER. 1 DRUM OF OILY DEBRIS GENERATED. FDR WRAPPED BY FOD. NO SUMP. TAG REMAINS PENDING D FAULT REPAIR.

PER O.S. C. THRIULOT THE D-FAULT WAS REPAIRED ON 1/24/04.

1/25/04 0535 HRS ENVIRONMENTAL OPS REPORTS STRUCTURE DOUBLE WASHED WITH BIO GEN 760, NO SUMP FOUND, TAG REMOVED CLEANUP COMPLETED.

**Map Identification Number 48**

**MANHOLE 5256**

**Spill Number: 0209491**

**Close Date: 02/21/2003**



PUTNAM AVE/TOMKINS AVE

BROOKLYN, NY

TT-Id: 520A-0043-755

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1163 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: PUTNAM AV / TOMPKINS AV

Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: UNKNOWN - UNKNOWN

Spiller Phone:

Notifier Type: Responsible Party

Notifier Name: MR DONATONE

Notifier Phone: (212) 580-6764

Caller Name: KEVIN MCCARDLE

Caller Agency: CON EDISON

Caller Phone: (212) 580-6763

DEC Investigator: AERODRIG

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: 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		
12/15/2002		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:

oil sheen found on 300 gal in manhole – freshwater leak found in hole. Cleanup in progress

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
E2MIS 146376

15-DEC-2002 10:20 HRS.

B/Q EQUIPMENT GROUP . SPLICER.S.FULLER EMP# 37342

REPORTS: WHILE ON LOCATION FOR INSPECTION FOUND: A UNDIAPERABLE DIMENSIONLESS AMOUNT OF UNKNOWN OIL ON APPROX. 300 GAL'S OF WATER. SPILL IS CONTAINED. NO SEWERS OR WATER WAYS APPEAR TO BE AFFECTED. THERE IS NOT NOW NOR WAS THERE PRIOR FIRE INVOLVEMENT .THERE IS NOT NOW NOR WAS THERE PRIOR SMOKE INVOLVEMENT. THERE WERE NO INJURIES RELATED TO THIS INCIDENT. THERE ARE NO INCLEMENT WEATHER CONDITIONS OR HAZARD THAT CONTRIBUTED TO THIS SPILL . NO KNOWN SUMP OR PUMP. NO KNOWN SEWER CONNECTION PRESENT. NO PRIVATE PROPERTY AFFECTED . OWNER OF SUBSTANCES IS UNKNOWN. NO KNOWN SUBSTANTIAL CRACKS IN STRUCTURE. ENIVIR. TAG# 30033 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL & MARKED PRIORITY " E " 24 HR. DEMINIMIS PROGRAM. CHAIN OF CUSTODY# CC-14993. SAMPLE TO BE TAKEN TO ASTORIA CHEM. LAB. CLEANUP PENDING TEST RESULTS.

UPDATE – 15-DEC-2002 10:59 HRS. \*\*\*\*\* CIG MR. T.MARCINEK NOTIFIED

UPDATE 15-DEC-2002 13:25 HRS.

EPA# NYP-004-105-417

LAB RESULT RECEIVED 12/15/02 – 1953. 02-11672. <1.0 PPM. TJ – 50495

12/16/02=0450hrs ROSENKING ENVIR OPPS REPORTS UNABLE TO COMPLETE CLEANUP DUE TO STRUCTURE HAS FRESH WATER LEAK.ALSO VACTOR FILLED UP , TANKER NEEDED IN AM TO HOLD WATER DOWN. WATER DEPT NEEDS TO BE NOTIFIED.

12/16/02=0500HRS INCIDENT WILL BE TAKEN OFF 24HRS DEC PROGRAM DUE TO FRESH WATER LEAK.

12/16/02 0458HRS CIG K.MCARDLE NOTIFIED

UPDATE\*\*\*\*\* 12:55HRS J. CUDRADO REPORTS, UNABLE TO COMPLETE JOB DUE TO AT LEAST 25' OF OIL SOAKED ARC PROOFING AND LEAKING CABLE ENDS. ALSO WITH TWO COLLASPED JOINTS IN STRUCTURE. U.G SUPERVISOR CAPPED ENDS BUT HOLE MUST BE ABATED. S.PACE 49874.

24-DEC-2002 1400 ED RASA O/S UG REPORTS MH WAS INSPECTED AND WAS FOUND TO CONTAIN LESS THAN 25 FOOT OF ASPESTOS. THERE WAS 6 FOOT OF TAPE ARC PROFFING THAT WAS REMOVED. THERE IS STILL 15 FOOT OF CEMENT ARC PROOF THAT NEEDS TO BE REMOVED.

1/9/03--1400HRS O.S RASA U/G REPORTS CREW REMOVED 15 FEET OF CEMENT ARC PROFFING ASBESTOS ALSO 6 FEET OF ASBESTOS TYPE ARC PROOFING

ENVIR CREW ON LOCATION FOR CLEANUP

1/9/03=1705HRS O.JONES ENVIR OPPS REPORTS CLEANUP COMPLETED .DOULBED WASHED STRUCTURE USING BIOGEN 760.FOUND NO SUMP .ENVIR TAG#30033 REMOVED.

**Map Identification Number 49**



**VAULT 3538**

PUTNAM AVE/THOMPKN SAVE

BROOKLYN, NY

**Spill Number: 0209482**

**Close Date: 04/29/2003**

TT-Id: 520A-0043-756

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 1163 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: PUTNAM AV / TOMPKINS AV

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN - UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: LARRY COSTA	Notifier Phone: (212) 580-6763
Caller Name: LARRY COSTA	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG	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	
12/15/2002		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

10 gallons of unk oil unk source clean up pending test results con ed 146375

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
 E2MIS NOTES 146375

12-15-02 09:35HRS S. FULLER 37342 REPORTS, FOUND 10 GALLONS OF UNKNOWN OIL ON DIRT. (NO WATER). OIL IS EXCEPTED TO BE COMMING FROM VS BASED ON OIL SURROUNDING WALLS. HOWEVER SINCE VS IS BELOW MIN AND UNABLE TO PRESSURE TEST, AT THIS TIME WILL BE TREATING AS A 50-499 CLEANUP. MR. FULLER IS RATING IT AS A CATOGLORY TWO. OIL WAS DISCOVERED WHILE INSPECTING FEEDER 6B45. NO FIRE SMOKE OR PRIVATE PROPERTY WAS INVOLVED. NO INJURIES WERE RELATED TO SPILL AND NO WEATHER CONDITIONS CONTRIBUTED TO HAZARD OF SPILL. HISTORICAL HARD COPY SHOW TO BE 44 PPM 10-10-85. ENV STOP TAG# 06565 WAS PLACED. ALSO AT THIS TIME, UNABLE TO DETERMINE IF ANY SEWER CONNECTIONS OR SUMPS ARE PRESENT DUE TO VS BEING BELOW MIN AND THE AMOUNT OF DIRT. NO SAMPLE WILL BE TAKEN AND CLEANUP PENDING ARRIVAL OF ENV OPS CREW. CREWS WERE SENT BACK TO YARD TO PREPARE SPILL TRUCK WHICH WILL BE GOING TO LOCATION. ALSO OVER 50 TANKER WAS ORDERED. S.PACE 49874.

J. GAGLIO REPORTS THAT BECAUSE THIS TRANSFORMER FEEDS THE N.Y. TELEPHONE COMPANY AND BECAUSE OF THE POSSIBILITY OF A

TRANSIT STRIKE, FDR 6B45 (WHICH FEEDS THIS TRANSFORMER) WILL BE TAKEN OFF ON A PRIORITY 2. ERT ADVISED OF SITUATION. N.W.  
CREW WILL STAY ON LOCATION TO MONITOR THE TRANSFORMER. CLEANUP WILL COMMENCE ONCE THE FDR IS TAKEN OFF THE SYSTEM. TJ  
- 50495

LAB RESULT OF SOIL RECEIVED 12/15/02 - 1946. 02-11671. 54 PPM. TJ - 50495

UPDATE - 16-DEC-2002 11:45 HRS.

1 LIQ. SAMPLE TAKEN FROM UNIT & MARKED PRIORITY " E "

C.HOGAN 07511

LAB RESULT FROM UNIT RECEIVED 12/16/02 - 1800. 02-11687. 54 PPM. TJ - 50495

12/17/02 @ 0400:

OS MALLYA #88324 REPORTS: PARTIAL CLEANUP COMPLETE. REMOVED TWO BARRELS OF SOLID DEBRIS AND TRANSPORTED TO 3RD AVENUE  
YARD UNDER ONE TRIP RULE. SEALED EARTHEN SUMP AND TOOK 2 SAMPLES FROM SUMP. SAMPLES PICKED UP BY COURIER FOR DELIVERY  
TO CHEMLAB. ASTORIA >50 PPM TANKER DRAINED 330 GALLONS FROM UNIT. TAG REMAINS IN PLACE PENDING TRANSFORMER REMOVAL  
AND SUMP SAMPLE RESULTS.

c.hogan 07511

UPDATE\*\*\*\*\* 12-17-02 13:00HRS A. SCARPINITO REPORTS, NO TANKER WAS ORDERED, SO ENV OPS CREW BARRELED FOUR  
DRUMS. SUMP WAS FOUND SEALED. USED BIO GEN 760 AND RINCED DOWN. TAG WAS LEFT IN PLACE UNTILL VS IS REMOVED. S.PACE 49874.

update @ 1815 hrs 12/17 D.bankhead reports structure double washed with bio gen 760.4 drums of solid waste generated & removed on  
one trip rule, clean up

complete. #12255 vdc.

UPDATE 12/17 2030 HRS ENVIRONMENTAL TAG REMAINS PENDING SUMP SAMPLES E.VESCE

UPDATE @ 2008 12/18 SOLID SAMPLE RESULTS

RECEIVED SUMP WALL <1PPM PCB. SEQ #02-11714-001 AND SUMP BOTTOM <1PPM PCB #02-11714-002. #12255 VDC.

UPDATE @ 0400 HRS 12/19 ENVIROMENTAL

TAG REMOVED, CLEANUP COMPLETED. #12255 VDC.

**Map Identification Number 50** **AMOCO** **Spill Number: 0109324** **Close Date: 01/08/2004**  
 1381 ATLANTIC AVE BROOKLYN, NY TT-Id: 520A-0048-081

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1171 feet to the SSW

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: AMOCO	Spiller Phone:
Notifier Type: Other	Notifier Name: BRAD FISHER	Notifier Phone: (914) 765-8198
Caller Name: BRAD FISHER	Caller Agency: DELTA ENVIRONMENTAL	Caller Phone: (914) 765-8198
DEC Investigator: KMFOLEY	Contact for more spill info:	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
12/20/2001		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(s) was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
UNKNOWN PETROLEUM	UNKNOWN	0	GALLONS	0	GALLONS	

**Caller Remarks:**

during tank removal contaminated soil found - this was determined by lab tests wich were recieved today

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "K FOLEY"  
 11/18/02 Received UST closure report.

12/3/03 Reassigned from Vought to Foley. Closure report for 11 X 550gal, one 2000gal UST, and one 275gal heating oil AST shows hits for mercury (1.32 and 1.64ppm) at bottom and northside of tank #1. No VOCs were detected above TAGM soil cleanup objectives. Only SVOC was chrysene at 544ppb, slightly above 400ppb soil cleanup objective.(KMF)

**Map Identification Number 51**      **157 HALSEY ST**      **Spill Number: 9809762**      **Close Date: 03/20/2002**  
      157 HALSEY ST      BROOKLYN, NY      TT-Id: 520A-0042-224

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1187 feet to the WNW

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL      Spiller: STEVE GIORGIO – CANARSIE FUEL      Spiller Phone: (718) 756-5005  
 Notifier Type: Local Agency      Notifier Name: DENISE WILSON      Notifier Phone: (718) 773-4658  
 Caller Name: SAM SCHECHTER      Caller Agency: NYC DEP      Caller Phone: (718) 595-6777  
 DEC Investigator: O'DOWD      Contact for more spill info: DENISE WILSON      Contact Person Phone: (718) 773-4658

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	
11/03/1998		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	40.00	GALLONS	35.00	GALLONS	SOIL

**Caller Remarks:**

ABOVE AGENCY RECEIVED REPORT OF ABOVE MATERIAL BEING SPILLED  
 IN BASEMENT OF ABOVE LOCATION. NYC FIRE DEPT IS BELIEVED TO  
 BE ON SCENE. NYC DEP RESPONDING. CALLER REQUESTING CALL BACK  
 FROM DEC REP. CALLER REQUESTING THAT EUGINA BERNARD @ 718-595-1006

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:**

11/4/98 – Saccacio – On 11/9/98, Denise Wison is the manager for the buiding which is owned by HPD. The cap was left off the primary tank of two manifolded 250 gallon tanks. The fuel company (Canarsie) was attempting to deliver 300 gallons and the primary tank was reported as empty. When the primary tank filled the oil came out the opening were the cap had been instead of flowing over into the secondary tank. The oil spilled onto the basement floor. No sewers or floor drains were affected. FDNY responded and put down four bags of speedy dry. Carnarsie responded and picked up the speedy dry. Most of the oil was recovered



**Map Identification Number 53** **MANHOLE #64705** **Spill Number: 0509698** **Close Date: 12/23/2005**  
 NEW YORK AVE AT HERKIMER ST BROOKLYN, NY TT-Id: 520A-0038-533

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1246 feet to the SW

**ADDRESS CHANGE INFORMATION**

Revised street: NEW YORK AVE / HERKIMER ST  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: ERT DESK - CON EDISON Spiller Phone: (212) 580-8383  
 Notifier Type: Responsible Party Notifier Name: JOHN MORAN Notifier Phone: (212) 580-6763  
 Caller Name: JOHN MORAN Caller Agency: CON EDISON Caller Phone: (212) 580-6763  
 DEC Investigator: GDBREEN 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
11/13/2005		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. UNKN OIL ON 50 GAL WATER. CLEAN UP PENDING. CON ED REF #161894

**DEC Investigator Remarks:**

161894. 11/13/2005 11:35 HRS.  
 E. WILLIAMS #56346, O/S WITH BROOKLYN ENV OPS, REPORTS WHILE CREW ON LOCATION TO FLUSH STRUCTURE FOR U.G. LOAD RELIEF (FDR 4B02, ACCT 49240) AT 11:20 HRS. J. IOCCO #56611 OF ENV OPS FOUND APPROX. 1 PINT UNKNOWN OIL ON APPROX. 50 GAL. WATER IN M-64705. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. ENV STOP TAG 49240 PLACED. LIQUID SAMPLE TAKEN. CHAIN OF CUSTODY FORM DD-19516 MARKED FOR PCB TEXT & "E" PRIORITY TURNAROUND. 72-HR DEMININIS. SAMPLE TO BE PICKED UP BY COURIER. CLEANUP PENDING RESULTS FROM CHEM LAB. W. WAINWRIGHT #17344 --

11/13/05 1958HRS LAB RESULT RETURNED 13PPM LSN-05-11990-001 G DONATONE

11/13/05 2135HRS P.ROSADO ENVIR OPPTS REPORTS FOUND EARTHEN SUMP IN STRUCTURE INCIDENT WILL BE TAKEN OFF 72 HR DEC PROGRAM. CLEANUP CONTINUES. G DONATONE

11/13/05 2155HRS P.ROSADO REPORTS CLEANUP COMPLETED DOULBED WASHED STRUCTURE USING BIO GEN 760.SEALED EARTHEN SUMP.REMOVED ENVIR

TAG#49240 G DONATONE

Closed. 12-23-05. see eDocs. GB

**Map Identification Number 54**

**SB 32193**

443 PUTNAM AVE

BROOKLYN, NY

**Spill Number: 0103894**

**Close Date: 08/23/2001**

TT-Id: 520A-0040-051

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1257 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: STEVE ROMERO  
 DEC Investigator: KMFOLEY

Spiller: UNKNONW  
 Notifier Name: MR TOJEIRA  
 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	
07/12/2001		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:**

1 quart spilled in to dirt in bottom of service box. samples taken clean up pending..ref # 138174

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
 CON ED E2MIS REPORT 7-12-01

While doing repairs, found approx. 1qt. of an unknown oil mixed with soil from concrete floor of SB32193. No sewer connection, no sump. PCB sample taken, cleanup pending test results.

LSN 01-07284-001 <1ppm

7-13-01 110hrs.

Cleanup completed a of 100hrs. using vacor and slix- structure double washed. No sump in structure,no leaking company equipment. Cleanup complete. Tag removed.

**Map Identification Number 55**      **X**      **Spill Number: 0208129**      **Close Date: 12/16/2005**  
 459 PUTNAM AVE      BROOKLYN, NY      TT-Id: 520A-0040-258

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1287 feet to the N

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: 459 PUTNAM AVE	Spiller Phone:
Notifier Type: Citizen	Notifier Name:	Notifier Phone:
Caller Name: EDWARD KING	Caller Agency: CITIZEN	Caller Phone: (718) 919-0468
DEC Investigator: rmpiper	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	
11/05/2002		UNKNOWN	YES		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:  
 subj next door removing oil tank that ruptured. odor is very strong in area.

DEC Investigator Remarks:  
 Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SAWYER" CALLED MR. EDWARD KING, (AT 14.00 HRS. 11/5/02), WHO CONFIRMED THAT HIS NEIGHBOUR AT 459 PUTNAM AVENUE, WAS REMOVING A BOILER AND THE SMELL OF OIL WAS IN THE AIR. HE WILL CALL BACK WITH NEIGHBOR'S PHONE NUMBER. ER 1/7/04-Vought-Spill transferred from Vought to Austin.

01/27/04 – Sawyer – Spill transferred from Austin to Sawyer.  
 12/16/05– Unconfmed spill. Attempts to owners/notifier unsuccessful.

**Map Identification Number 56** **SERVICE BOX #19891** **Spill Number: 9909699** **Close Date: 12/21/1999**  
 IFO 1555 FULTON ST BROOKLYN, NY TT-Id: 520A-0043-991

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 1319 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: 11216

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNK	Spiller Phone:
Notifier Type: Other	Notifier Name: RICHARD ROACHE	Notifier Phone: (212) 580-6764
Caller Name: RICHARD ROACHE	Caller Agency: CON ED	Caller Phone: (212) 580-6766
DEC Investigator: JHOCONNIE	Contact for more spill info: RICHARD ROACHE	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	
11/10/1999		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:**

MATERIAL IS APPROX 1 QT OF UNK OIL ON 3 GALLONS OF WATER-NO WATERWAYS OR SEWER AFFECTED- CON ED #128929

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 57**

**SERVICE BOX 20586**

**Spill Number: 0011847**

**Close Date: 02/27/2001**



200 HANCOCK ST

BROOKLYN, NY

TT-Id: 520A-0039-956

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1327 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: BILL MURPHY  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN - UNKNOWN  
 Notifier Name: BILL MURPHY  
 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	
02/02/2001		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:**

discovered 2 gallons unk oil on top of 40 gallons con Ed#135368

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 E2MIS Notes 2/2/01: 2 gallons of unknown oil on 40 gallons of oil.No swer or waterway affected. No fire or smoke.No oil filled equipment in structure.No swer connection. No sump .No pump. No substantial crack inb structure. Lab analysis <1ppm, flashpoint:185F, oil ID as light fuel oil.

2/4/01 - structure double washed with slix. No leaking company equipment.

See spill #s 0011839, 0011841.

**Map Identification Number 58**  **RESIDENCE** **Spill Number: 9912532** **Close Date: 10/04/2005**  
 205 HANCOCK ST BROOKLYN, NY TT-Id: 520A-0042-496

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1386 feet to the WNW

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE Spiller: APRA OIL CO Spiller Phone: (718) 953-2727  
 Notifier Type: Affected Persons Notifier Name: KMERLINE KINCH Notifier Phone: (718) 783-5307  
 Caller Name: KMERLINE KINCH Caller Agency: HOMEOWNER Caller Phone: (718) 783-5307  
 DEC Investigator: kamalone Contact for more spill info: UNK 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	
01/29/2000		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:**

OIL SPILLED DURING DELIVERY

**DEC Investigator Remarks:**

July 2005 - Spill assigned to Maloney as part of the Spill Initiative

July 19, 2005 - Attempted to call homeowner, number no longer in service. Called Apra Oil Company and left message.

July 28, 2005 - The VP of Apra Oil (Vinny) called back. He said they had no information on the spill. -Maloney

October 4, 2005 - Administratively closed. -Maloney

**Map Identification Number 59**

**SB20585**

190 HANCOCK ST

BROOKLYN, NY

**Spill Number: 0011841**

**Close Date: 02/27/2001**

TT-Id: 520A-0039-955

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1410 feet to the WNW

**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 HOGAN  
 Caller Agency: CON EDISON  
 Contact for more spill info:

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	
02/02/2001		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:**

OIL ON 40 GALLONS OF WATER - CLEAN UP PENDING LAB RESULTS - REF 3135361

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 E2MIS Notes 2/2/01:2 gallons of unknown oil on 40 gallons of water.Spill appears contained. No sewewrs or waterways affected.Cause of spill is unknown. No private prerty affected. No smoke or fire.Owner of substance not verified. Water is standing. No sewer connection. No concrete or earthen sump.No substantial cracks in structure. No dielectric filled feeder in structure.

2-03-01

LSN 01-01129 <1ppm, no aroclor

LSN 01-01113-001

Flashpoint result: 192 DEG.F

2-04-01 1340hrs. Cleanup completed 100%, double washed structure, tag removed. Liquids were removed by tanker, solids by vactor. No leaking company equipment. Incident closed.

**Map Identification Number 60** **APARTMENT BUILDING** **Spill Number: 0700577** **Close Date: 06/04/2007**  
 522 PUTMAN AVE BROOKLYN, NY TT-Id: 520A-0048-997

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1431 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 522 PUTNAM AVE  
 Revised zip code: 11221

Source of Spill: PRIVATE DWELLING Spiller: DAN - NEW NELITE FUEL OIL Spiller Phone: (718) 459-1223  
 Notifier Type: Fire Department Notifier Name: Contact Person Phone: (347) 203-6886  
 Caller Name: Caller Agency: HAZMAT 1  
 DEC Investigator: jbvought Contact for more spill info: HAZMAT 1

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
04/16/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	120.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WATER IN BASEMENT BUT IT IS NOT MOVING; HAZMAT ON SCEEN, OIL COMPANY IS IN ROUTE; LANDLORD IS RICHARD JOHNSON (917)324-6538; HAS BEEN CONTAINED; NOT YET CLEANED; 275 GALLON TANK ON 04-13-07 150 GALLONS DELIVERED; HAVE CONTACTED DEP;

DEC Investigator Remarks:

Spill of approx 120 gal of oil in basement of small 3 family house. FD Haz Mat on scene says oil mixed with water and spread over whole basement floor. Oil company called insurance (Ambrose) who hired Petroleum Tank Cleaners. 5PM - "Bob" from PTC was sending a vac truck and a cleanup crew to the site. Vought will visit the site later this evening.

04/16/07-Vought-Called and spoke to PTC Lara as per DEC Austin. Lara confirmed that groundwater and product was pumped from basement and since lighting conditions were poor were going to return the next day to continue cleanup. As per DEC Sangesland notes: 120 gallons of #2 oil on basement floor on top of groundwater.

04/17/07-Vought-Received call from PTC Salamack that insurance company of Niel Fuel will no longer cover spill as cause of tank was rotting tank as per PTC foreman. Vought called Dan (Niel fuel) and as per Dan: Delivery was made on 4/13 and no problems were encountered, account has been with oil company for 15 years, site is on automatic delivery, 275-gallon AST in basement, site is three family home, Dan was contacted by FDNY due to presence of fuel oil in basement which was red in color (fresh oil), source of water was a split leader pipe in the back of the building, cause of spill may be water lifting tank and severing connections, contact for site is Richard Johnson (718-493-4336 home, 917-324-6538 cell) and owner of site Bertha Say is deceased. Vought called both contact numbers of Jensen and left message to return call to cell immediately.

05/18/07-Vought-Called Richard Johnson at home and on cell and left message to return call and Vought sent out soil contamination letter with one month due date. Vought sent letter to:

Mr. Richard Johnson  
Ms. Bertha Seay  
522 Putnam Avenue  
Brooklyn, NY 11221

05/23/07-Vought-Received call from Mr. Johnson. Mr. Johnson(917-324-6538) received call and no tank in basement as AST was removed. Name of oil company is Nulite (718-459-1223 Dan) and Mr. Johnson sated Nulite needs call from DEC to replace tank. No vapors in the building. Mostly concrete in basement and has cracks in holes. Cellar was excavated and cellar. Petroleum cleaned spots of petroleum impact and removed impacted soil. Vought made site visit for 12:30am on 5/24.

05/29/07-Vought-Site visit by Vought with Mr. Johnson. Fill port filled with cement and six tenants in above building and no fuel oil vapors observed in living areas of building. Odors present in basement however open pan of oil around temporary ten gallon AST set up by Niel Fuel until new AST arrives. Vought called Niel fuel with Johnson and Niel Fuel will install new tank. Spill closed by Vought due to no odors in living areas, scheduled installation of new AST (and hence removal of vapor source) and no significant impact to soil and groundwater. Spill closed by Vought and NFA sent to Johnson.

**Map Identification Number 61**



**IFO 184 HANCOCK ST**

184 HANCOCK ST

BROOKLYN, NY

**Spill Number: 0011839**

**Close Date: 02/27/2001**

TT-Id: 520A-0039-954

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 1470 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR PACE	Notifier Phone:
Caller Name: BILL MURPHY	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE	Contact for more spill info: MANHOLE 3238	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	
02/02/2001		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

POSSIBLY #6 FUEL OIL IN THE MANHOLE – A SMALL AMT IS ON THE GROUND & SOMEONE PUT SPEEDY DRY ON THAT – SAMPLES TAKEN FOR ID & FLASH POINT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 E2MIS Notes 2/2/01:Appears to be a third party spill from a truck that leaked onto the ground and made it's way into a manhole. 3 gallons of fuel oil leaked onto dirt and a small area on sidewalk next to manhole 3238. No sewers or waterways affected. No smoke or fire. Spill appears contained in structure.Oil ID and flashpoint sample was taken.

2-07-01 0830hrs.

Because sample taken from manhole was a solid sample, flashpoint results are not possible, results received for two service boxes that were involved in the same spill should be incorporated into this incident so that incident can de fielded. The two service boxes that were part of the same spill were

SB# 20585, LSN 01-01113-001 192 degrees

SB# 20586, LSN 01-01113-002 185 degrees

Update 2-07-01 17:30hrs.

Hole double washed, tag removed, no sump, cleanup complete.

Cleanup completed by double washing structure with slix. Liquids were removed by tanker and solids by vactor. No leaking company equipment. Incident closed.

**Map Identification Number 62** **RAY BIGGS RESIDENCE** **Spill Number: 9313437** **Close Date: 11/22/1996**  
 189 HANCOCK ST BROOKLYN, NY TT-Id: 520A-0041-396

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1525 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: UNK	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: PAUL NAPOLITANO	Caller Agency: BRANCH SERVICES	Caller Phone: (516) 563-7300
DEC Investigator: MCTIBBE	Contact for more spill info:	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
02/07/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

CONTAINED WITH SPEEDY DRY - BAGGED. NYC DEP ON SITE ALREADY & FD ALSO. FD PUMPED INTO DRUMS - HE SPOKE TO S. CAMMISA - WASN'T REPORTED. SPOKE TO PAUL NAPOLITANO, HE SAID THAT FD PUMP THE SPILLED OIL I

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "M TIBBE"  
 Branch services (Napolitano) has applied speedi dri to pick up most of the oil. Will drum the speedi dri. He also said that the oil leaked from next door neighbor. Branch Services was hired by Biggs insurance co.

**Map Identification Number 63** **SPILL NUMBER 0012431**  
 178 HANCOCK ST

BROOKLYN, NY

**Spill Number: 0012431**

**Close Date: 08/17/2001**  
 TT-Id: 520A-0039-975

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1531 feet to the WNW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: ANTHONY NATALE  
 DEC Investigator: OKWUOHA

Spiller: UNKNOWN  
 Notifier Name: MR HOGAN  
 Caller Agency: CON EDISON  
 Contact for more spill info: ANTHONY NATALE

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	
02/20/2001		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:**

contaminated soil found at location while tearing up the street. no con ed equipment in area. some dirt removed but clean up pending.

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:**

E2MIS Notes 2/20/01: Service mechanic Englehardt after removal of Asphalt in an excavation found found fuel oil soaked soil, approximately 3 gallons. Soil sample will be taken. Soil removed from excavation will be barrelled and removed for cleanup. (MO 2/22/01)

**Map Identification Number 64** **BASEMENT** **Spill Number: 1113087** **Close Date: 02/22/2012**  
 **16 AGATE COURT** **BROOKLYN, NY** **TT-Id: 520A-0271-601**

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1545 feet to the SE

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: ANGELA MAYNARD – UNKNOWN Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: HRPATEL Contact for more spill info: ANGELA MAYNARD 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
02/16/2012		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER	OTHER	0	UNKNOWN	0	UNKNOWN	

**Caller Remarks:**

Caller states she smells an odor that resembles gasoline. FDNY was contacted 3x by caller with negative findings

**DEC Investigator Remarks:**

Sangesland spoke to Angela – She says there is a gasoline type smell in her basement and in the basement of #14 Agate Ct. Historical spill at #12 Agate Ct.

Smell could be caused by a couple of items:

- 1) Prior spill #0713789 – Patel spill at #12 Agate Ct – smell is coming up from next door?
  - 2) There is a gas station nearby – take a look?
  - 3) Bad plumbing house "trap" with gasoline in city sewer backing up into house?
- Patel had prior spill case – He needs to call Angela Maynard to do a site visit.

02/17/12–Hiralkumar Patel.

2:00 PM:– visited site. met with Agnela Maynard (owner of 16 Agate Court) and Jacqueline Bolling (owner of 14 Agate Court). inspected 16 Agate Court. no odors detected in Ms. Maynard's house (first floor and basement), but she and her mother complained about minor odors in building. inspected Ms. Bolling's house. no odors detected on first floor, but petroleum odors detected in

basement. odors detected along the foundation wall between buildings 12 and 14. Ms. Bolling mentioned that she noticed odors in her building for about a year now. informed her that the department will investigate in building 12, due to recent spill history. asked her to ventilate basement, if possible. she will leave a basement window open, as an interim measure.

based on petroleum odors in building 14 and recent spill history for building 12, the old spill # 0713789 is re-opened and will be investigated further.

refer to spill #: 0713789 for further details.

02/22/12-Hiralkumar Patel.

11:05 AM:- visited buildings 10, 12, 14 and 16. based on observations during the site visit, the subject spill is closed and refer to spill # 0713789 for further details.

**Map Identification Number 65**      **145 HERKIMER ST**      **Spill Number: 9412046**      **Close Date: 10/02/2008**  
 145 HERKIMER ST      BROOKLYN, NY      TT-Id: 520A-0047-443

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1552 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING      Spiller: UNKNOWN OIL CO      Spiller Phone:  
 Notifier Type: Affected Persons      Notifier Name:      Notifier Phone:  
 Caller Name: DOROTHY BOYCE      Caller Agency: HOMEOWNER      Caller Phone: (718) 857-1788  
 DEC Investigator: SRPAIGE      Contact for more spill info:      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: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
12/09/1994		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 HAS OIL STAIN & ODOR IN BASEMENT. CALLED MS. BOYCE, SHE SAID THAT OIL IS COMING OVER FROM THE NEXT DOOR NEIGHBOR SINCE 1992, JUST STAIN, NO OIL PUDDLE. REFER TO 9412049

## DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
5/10/04 – AUSTIN – TRANSFERRED FROM TOMASELLO TO TIPPLE – END

8/23/05 – Raphael Ketani. Case transferred to Jeff Vought.

07/25/08–Vought–Spill reassigned from DEC Vought to DEC Ketani as per DEC Austin.

10/2/08 – S. Paige conducted Technical Review of spill file.

Dorothy Boyce, a resident of 145 Herkimer Street, called in spill due to oil stain and odor in her basement. The stain and odor were caused by a tank overflow of #2 fuel oil to outside vent area and basement tank area.

C. Tomasello (DEC) sent a letter of responsibility to the property owner, NYC Department of Housing and Preservation and Development (HPD), on 4/19/1995. The letter required HPD to remove all contamination and to clean and seal concrete walls and floor with 2 part epoxy paint.

C. Tomasello called out Winston Contracting Corporation to clean the basement at 145 Herkimer Street on 11/2/1995. Before commencing work, contractors noticed a stench of #2 fuel oil. Winston Contracting scrubbed walls, ceiling and floor with grease be gone. Contaminated portion of ceiling was removed and replaced with sheet rock. Contractors painted walls and ceiling, and floor was refinished. When contractors left the site, no fuel oil odor was evident and there was also no evidence of a spill outside.

A review of the spills database showed that there are no open spills in close proximity to this site as of 10/8/2008.

Given readily available documentation and the completed cleanup activities, no further action is required at this time.

**Map Identification Number 66****SPILL NUMBER 0001087**

145 HERKIMER ST

BROOKLYN, NY

**Spill Number: 0001087****Close Date: 03/21/2003**

TT-Id: 520A-0049-355

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 1552 feet to the WSW

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: DEC  
Caller Name: JOHN SANPIETRO  
DEC Investigator: SACCACIO

Spiller: UNKNOWN  
Notifier Name:  
Caller Agency: NYC DEP  
Contact for more spill info:

Spiller Phone:  
Notifier Phone:  
Caller Phone: (718) 595-6718  
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	
04/27/2000		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:

dec recieved a call from a neighbor fumes and dep is enroute to investigate.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 67**      **12 AGATE COURT**      **Spill Number: 0713789**      **Close Date: 06/26/2014**  
      12 AGATE COURT      BROOKLYN, NY      TT-Id: 520A-0215-886

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1568 feet to the SE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: hrpatel	Contact for more spill info: NATALIA BOKSAN	Contact Person Phone: (718) 647-1400

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	
03/29/2008		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

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Caller Remarks:

Driver was making a delivery. Fire dept is there – they closed the block.

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DEC Investigator Remarks:

03/31/08–Hiralkumar Patel. visited site on 03/29/08. met Mr. Frazer, site owner's representative. he gave copy of delivery ticket. Pacific petroleum delivered 100 gal #2 oil at the site, where no tank present. current owner bought this property recently and using gas. previous owner removed tank, but never removed or plugged fill box. fill line was cut open inside basement and during delivery oil spilled in basement. at time of site visit, basement floor covered with wooden plates and had strong odors in basement. little free product found around burner. strong odor found in first floor apartment, which is under construction. top two floors are living space, but tenants left site after accident. minor odors noticed in top two floors. asked Mr. Frazer to either remove that fill box or plug it.

Treadwind environmental responded for cleanup. after removing wooden plates, they found carpet in entire basement, which soaked with oil. found concrete floor under carpet. asked Mr. Baldwin to install ventilation system (with filters) to prevent any odors inside living space at the site and also at neighbour's buildings.

Center Brooklyn Real Estate Corp. \*\*site owner\*\*  
98 Rockwell Place, 2nd Floor  
Brooklyn, NY 11217  
Attn.: Anthony Frazer  
Ph. (718) 935-1400 (O)  
(917) 945-9595 (C)  
Fax (718) 935-0300  
email: affrazer@hotmail.com

Pacific Petroleum  
802 Jamaica Avenue  
Brooklyn, NY 11208  
Attn.: John Fay  
Ph. (718) 647-1400  
(631) 335-1643 (C)  
Fax (718) 647-0798  
email: pacoil647@aol.com

Artie Baldwin \*\*oil company's consultant\*\*  
Treadwinds Environmental  
Ph. (516) 779-7824

04/01/08–Hiralkumar Patel. visited site. met John, Mike Baldwin and Mr. Frazer. odors inside basement only. no odors noticed on other floor. found two ventilation system running, installed with filters. Treadwinds removed wood plates from floor and found contaminated carpet under it. concrete floor at bottom has multiple cracks. no oil stain found on floor after boiler room.

heaviest stains found around boiler. asked Mike to start excavating basement floor in area, where cracks are, until hit clean soil or no more excavation possible. also asked to excavate around boilers, and if needed, asked them to move boilers out to facilitate removal of contaminated material. FDNY shut down gas burner and water heater. asked Mr. Frazer to consult with FDNY and gas company prior to turning these burners on. as no heat or hot water, tenants are living elsewhere, voluntarily.

Mike Baldwin  
Trade– Winds Environmental Restoration Inc.  
PH. (631) 289–5500 (O)  
(516) 779–5234 (C)  
email: mbaldwin@twenv.com

04/02/08–Hiralkumar Patel. letter sent to Mr. Frazer requiring proper closing of fill port. letter emailed to Mr. Fay and Mr. Baldwin.

letter sent to Mr. Fay requiring endpoint samples, vapor barrier and indoor air monitoring. letter emailed to Mr. Frazer and Mr. Baldwin.

04/09/08–Hiralkumar Patel. letter that was sent to Mr. Frazer, came back undelivered. spoke with Mr. Frazer. he mentioned that their office is on 2nd floor. he already has email copy, so no need to resend letter.

04/11/08–Hiralkumar Patel. received endpoint sample analyticals and site map from Mike. he took four endpoint samples, and no contamination found.

spoke with Mike. middle portion of basement was excavated to depth of 8–12 inches. he mentioned that a small room along foundation wall towards Agate Ct. was excavated deeper to depth of 2.5 ft and found bedrock at bottom. so he took endpoint sidewall samples from East, North and South sidewalls, but no sample was taken from West sidewall (along foundation wall along Agate Ct.) as more contamination in that area. also they haven't excavated boiler room yet, which has more contamination. asked Mike to relocate boilers, temporarily, and to excavate contaminated soil.

04/14/08–Hiralkumar Patel. visited site on 04/11/08. met Mike and Mr. Frazer. Treadwinds removed contaminated walls and removed some soil. basement floor was covered with plastic sheet. removed sheet in corner where Mike dug deep along foundation wall. found contaminated soil. they left about 8–10 inch soil undisturbed to prevent any damage to structure. asked Mike to remove all contaminated soil and then take endpoint sidewall sample from excavation sidewall along foundation wall. mentioned to Mike that based on endpoint results, the department may require boring between foundation wall and excavation sidewall to delineate remaining soil contamination. remove plastic sheet in other parts of basement and found that wherever previous endpoint samples were taken, they all area were contaminated. asked Mike to dig more. asked Mike to inform the department prior to any further endpoint samples. area around supporting columns are undisturbed. mentioned to Mike that based on endpoint sample results, the department may require boring at supporting columns for soil delineation. asked Mike to remove boiler as more contaminated soil is under boiler.

04/15/08–Hiralkumar Patel. received call from Mr. Frazer. they are moving boiler today. will do further excavation. Mr. Frazer asked for procedure for reimbursement for relocation. told Mr. Frazer that nobody asked to evacuate building, but tenants left building voluntarily. to get reimburse for any expense, they need to apply for such to NYS DOH.

04/29/08-Hiralkumar Patel. received email from Mike with additional endpoint samples. they collected endpoint samples on 04/17/08. removed additional 4.75 tons of contaminated soil. no further excavation possible due to large boulder under building. found high contamination in endpoint samples from west wall.

spoke with Mike. he mentioned that area, where previous endpoints were taken, was excavated 5-8 inches more to remove remaining contamination. no endpoint samples taken after additional excavation in middle of basement.

Endpoint #5	West sidewall beneath footing
1,2,4-Trimethylbenzene	19,000
1,3,5-Trimethylbenzene	5,600
Ethylbenzene	4,300
Xylene	6,800
Naphthalene	9,600

left message for Mr. Frazer to schedule a site visit.

05/01/08-Hiralkumar Patel. visited site. met Mr. Frazer and Mike. Mike excavated 4 more inches in entire excavation. found stain in middle of excavation. found petroleum odors in soil from stained area. asked Mike to excavate more in stained area.

05/02/08-Hiralkumar Patel. visited site. met Mike. they were doing further excavation in area where stain was found in middle of excavation. they dug about 4 more feet and found clean soil at bottom. asked Mike to collect endpoint bottom samples, 6 inches below excavation bottom. also asked install boring in area near foundation wall and asked for two soil samples: one deepest dry and one with highest PID. told Mike that once endpoint samples and samples from boring be collected, they should start backfilling the excavation (as no further excavation possible). asked Mike to install SSDS and vapor barrier. also asked to do PID survey in entire building, once basement floor restored.

left message for Mike (from office) to submit SSDS details (piping location, length, depth etc.) with sketch.

05/05/08-Hiralkumar Patel. received email from Mike with schematics of SSDS. they will install SSDS and vapor barrier at the site. will pour concrete on 05/08/09 and do PID survey in entire building on 05/09/08.

05/07/08-Hiralkumar Patel. received email from Mike with endpoint sample analyticals. he collected following samples:

- sample 1: 4-5 ft below basement floor from excavation in middle of basement (where oil stain found)
- sample 2: 3-5 ft below basement floor along western foundation wall
- sample 3: 8-10 ft below basement floor along western foundation wall

no contamination found in sample 1 and sample 3. VOC and SVOC contamination found in sample 2. no further excavation possible along western foundation wall.

Mike mentioned that he hasn't got access to building to restore basement floor.

left message for Mr. Frazer inquiring status on building access.

received call from Mr. Frazer. he is waiting for his bank to inspect the building as he filed some financial claims under mortgage. once his bank inspect the property, he will ask Mike to restore concrete. asked Mr. Frazer to contact Mike regarding this and future schedule.

left message for Mike to contact Mr. Frazer and also asked to submit final closure report at end of work.

05/28/08–Hiralkumar Patel. received message from Mike. they finished restoration of basement floor. Mike asked method for analysis of indoor air sample.

left message for Mike. asked him to perform PID survey in entire building (and not indoor air samples) and also at SSDS exhaust. mentioned that indoor air sampling may required based on PID survey result.

06/03/08–Hiralkumar Patel. received call from Mike. he did PID survey in all floor and exhaust of SSDS. found no reading in living space and found 8 ppm in SSDS exhaust. asked Mike to submit PID survey result with photographs of basement.

07/24/08–Hiralkumar Patel. received closure report from Mike. based on following, case closed:

- removed contaminated soil from most areas
- contamination left along western foundation wall, but no further excavation possible
- found clean soil at 8–10 ft bg along western foundation wall (means contamination hasn't reach to 8 ft depth and no groundwater encountered before 8 ft depth)
- vapor barrier and SSDS installed

based on submitted report, case closed.

sent NFA to Mr. Fay at Pacific Petroleum. letter emailed to Mr. Frazer, Mr. Fay and Mike.

02/17/12–Hiralkumar Patel. the Department received an odor complaint from neighbour at building 16 Agate Court (spill # 1113087).

2:00 PM:– visited site. met with Agnela Maynard (owner of 16 Agate Court) and Jacqueline Bolling (owner of 14 Agate Court). inspected 16 Agate Court. no odors detected in Ms. Maynard's house (first floor and basement), but she and her mother complained about minor odors in building. she mentioned that odors are much strong in Ms. Bolling's house. inspected Ms. Bolling's house. no odors detected on first floor, but petroleum odors detected in basement. odors detected along the foundation wall between buildings 12 and 14. Ms. Bolling mentioned that she noticed odors in her building for about a year now. informed her that the department will investigate in building 12, due to recent spill history. asked her to ventilate basement, if possible. she will leave a basement window open, as an interim measure.

Angela Maynard  
16 Agate Court  
Brooklyn, NY  
PH. (718) 953–9690

Jacqueline Bolling  
14 Agate Court

Brooklyn, NY  
Ph. (718) 778-8145  
email: j.bolling@verizon.net

based on petroleum odors in building 14 and recent spill history for building 12, the subject spill is re-opened as needs further work.

during inspection, noticed that fill port for building 12 has not been sealed and oil can be delivered any time.

2:51 PM:- spoke with John Fay at Pacific Petroleum and informed him that the case is re-opened. informed him that the department requires to activate the SSDS system (installed during cleanup in 2008) and monitor for some time. informed him that the department needs to inspect building 12 and likes to have oil company and their contractor available for site inspection. asked him to call back with contractor's information and to schedule a site inspection on 02/22/12.

3:01 PM:- spoke with Mr. Frazer and informed him about odor complaints and case status. asked him to schedule a site inspection on 02/22/12 alongwith oil company, oil company's contractor and neighbours (buildings 10, 14 and 16).

4:22 PM:- received call from Milro. Paul will meet at the site at 11:30 AM on 02/22/12.

4:24 PM:- spoke with Ms. Bolling and informed her about site visit on 02/22/12.

4:25 PM:- left message for Mr. Frazer and informed him about site visit 11:30 AM on 02/22/12.

4:27 PM:- received call from Mr. Frazer and confirmed site visit schedule.

4:31 PM:- received call from Beverley Tribble, owner of building 10 Agate Court. she mentioned that there is strong petroleum odors in her basement and ground floor. informed her about the scheduled site visit. asked her to ventilate basement and ground floor, as an interim measure.

Beverley Tribble  
10 Agate Court  
Brooklyn, NY  
Ph. (347) 232-7610

02/22/12-Hiralkumar Patel.

11:05 AM:- visited site. met Mr. Frazer, Paul (Milro) and Todd (Milro). inspected buildings 10, 12, 14 and 16.

found very strong petroleum odors in basement of building 12 where spill occurred in 2008. found stains on concrete floor along north, east and west foundation walls. the fill port was still active. Mr. Frazer mentioned that fill port was sealed after spill event in 2008, but it was not sealed properly and was closed only with some foam. asked Mr. Frazer to seal the fill port immediately.

found odors in basement of building 14, first floor and basement of building 10. no odors were detected in building 16.

based on observations during the site visit, informed Paul that a ventilation system must be installed in buildings 10, 12 and 14 by the end of tomorrow. also, a soil delineation must be performed.

during inspection, Mr. Frazer mentioned that site is on foreclosure. asked him to provide bank's information.

11:57 AM:- spoke with Natalia at Pacific. informed her that ventilation system in buildings 10, 12 and 14 must be installed by

the end of tomorrow. also informed her that the Department requires further investigation/cleanup.

reviewed previous closure report dated 07/14/08. while reviewing pics, found that old concrete was not removed along the eastern and western foundation walls, due to support columns, stairs etc. and these are the areas where heavy stains found during site visit today.

1:35 PM:- spoke with Natalia. informed her that some areas were not excavated in 2008 and now its causing problems. asked her to consult with a structural engineer for possible excavation of remaining contamination along walls.

2:05 PM:- spoke with Mr. Frazer and got property owner's information. property owned by his sister Maureen Skyers-Martin.

Maureen Skyers-Martin           \*\*owner of 12 Agate Ct.\*\*  
87 Utica Ave  
Brooklyn, NY 11213  
Ph. (347) 948-4808  
(646) 878-3388  
email: mskymartin@live.com

2:07 PM:- left message for Ms. Martin.

3:55 PM:- received call from Paul. they will install ventilation tomorrow. they will also perform soil delineation tomorrow.

02/23/12-Hiralkumar Patel.

8:48 AM:- received message from Ms. Martin.

9:51 AM:- received email from Paul. he mentioned that work will begin tomorrow as Mr. Frazer is not available today.

10:58 AM:- left message for Ms. Martin.

02/24/12-Hiralkumar Patel.

12:33 PM:- received call from Ms. Tribble from Chartis Insurance who represents Pacific Petroleum. discussed current status and required work.

Cherlyn Tribble  
Chartis Insurance                   \*\*Pacific's insurance\*\*  
PH. (770) 870-2399 (O)  
(678) 896-6876 (C)  
Fax (866) 821-2732  
email: cherlyn.tribble@chartisinsurance.com  
Cherlyn.Tribble@AIG.com  
claim #: 683-198731

12:41 PM:- left message for Paul inquiring updates.

2:03 PM:- received call from Paul. he measured 1.5 ppm on ground floor in building 10 and 3.0 ppm on ground floor in building 12. he has installed fans in basement of buildings 10 and 12 and air scrubber on ground floor in building 10 and 12. he measured 20 ppm on PID in basement of building 12. he drilled multiple holes in entire basement and found heavily contaminated soils (200 ppm on PID) along foundation wall as well as in clean backfill material under the vapor barrier, that was installed after initial

cleanup in 2008. Paul will discuss with Ms. Tribble. suggest him to consult with structural engineer. also, suggest him not to perform any kind of excavation until the basement is fully ventilated.

2:12 PM:- left message for Ms. Martin.

2:13 PM:- spoke with Mr. Frazer. informed him about discussion with Paul. also informed him that the Department requires a ventilation system in the basement and requires continuous operation until remediation is completed. and for that, he has to restore electricity at the building. he will talk to power company.

2:20 PM:- received call from Paul. he spoke with Ms. Tribble and will submit written cost proposal by 02/28/12. and once gets ok from insurance, they will start work.

02/27/12-Hiralkumar Patel.

7:28 AM:- received message from Ms. Bolling.

1:32 PM:- spoke with Ms. Bolling. she inquired about coverage for electric bill (for ventilation system) and medical bill for medical check-up she is planning to go for. informed her that any matter related to oil spill in building 12 should be referred to Chartis Insurance.

1:39 PM:- sent email to Ms. Bolling with Ms. Tribble's contact info.

02/28/12-Hiralkumar Patel.

2:59 PM:- spoke with Paul. he has installed a ventilation system in the basement of building 12 and running 24/7. he will submit cost estimate to insurance company.

03/02/12-Hiralkumar Patel.

10:40 AM:- spoke with Paul. he mentioned that a structural engineer inspected site today. Paul has sent cost proposal to insurance company and hoping to have approval by today. asked him to submit a remediation work plan for review.

03/02/12-Hiralkumar Patel. received message from Ms. Martin (at 9:47 AM on 03/01/12).

11:06 AM:- received email from Milro including a letter summarizing field activities and proposed plan. Milro cut opened several areas to investigate soil under the floor and found high PID readings (90-300 ppm) in soil samples from underneath the backfill sand used after excavation in 2008. Paul mentioned that structural engineer has inspected site and proposing to excavate contaminated soils in stages. Paul mentioned that the structural engineer will be onsite to inspect and confirm the area of excavation.

2:47 PM:- received email from Paul. he got approval from Chartis to proceed with excavation work. he will submit work schedule.

4:17 PM:- left message for Ms. Martin.

03/05/12-Hiralkumar Patel.

1:18 PM:- left message for Paul.

1:21 PM:- sent email to Paul and asked him to submit structural engineer's letter that he mentioned in the work proposal.

2:15 PM:- received email from Paul including copy of structural engineer's letter. structural engineer recommended excavating half of the basement at a time and backfill it before starting on the other side. also, engineer recommended excavation to a maximum depth of 4-5 ft.

03/06/12-Hiralkumar Patel.

10:46 AM:- received call from Paul. he mentioned that he got approval from Chartis but now waiting for ok from Mr. Frazer.

10:50 AM:- spoke with Mr. Frazer. he mentioned that due to incomplete cleanup last time, he is consulting with others to

understand the process. he will call Milro and mention that cleanup will begin before the end of this week.

03/08/12-Hiralkumar Patel.

11:27 AM:- spoke with Paul. he is still waiting for Mr. Frazer's response.

1:35 PM:- spoke with Mr. Frazer. he mentioned that they are going to meet their attorney this afternoon at 3 PM and then will call Milro.

03/13/12-Hiralkumar Patel.

1:24 PM:- left message for Paul.

1:28 PM:- left message for Mr. Frazer.

1:29 PM:- left message for Ms. Martin.

03/14/12-Hiralkumar Patel.

8:56 AM:- received message from Paul. he is still waiting for ok from Mr. Frazer.

11:38 AM:- spoke with Mr. Frazer. he mentioned that he has left message at Milro approving work. asked him to contact Milro again and to submit work schedule.

03/16/12-Hiralkumar Patel.

10:30 AM:- left message for Mr. Frazer.

10:33 AM:- spoke with Ms. Bolling. she mentioned that there are still some odors in office in basement. no odors on 1st floor.

10:39 AM:- spoke with Beverley Tribble. she disconnected ventilation systems in her building as no odors detected and also due to higher electric use. suggested her to keep ventilation running until remediation completed next door and informed her that she can contact oil company's insurance company for electric bill issue.

11:50 AM:- received call from Mr. Frazer. he mentioned that he has left messages for Paul. asked him to contact Paul and provide work schedule by the end of today or else case may be referred to legal for enforcement.

1:03 PM:- received call from Paul. he hasn't spoke with Mr. Frazer yet, but planning to start work on 03/20/12.

03/20/12-Hiralkumar Patel.

9:25 AM:- received email from Paul. he has confirmed with Mr. Frazer and work will begin on 03/21/12.

03/23/12-Hiralkumar Patel.

10:34 AM:- received message from Dorothy from Milro.

3:36 PM:- spoke with Dorothy at Milro. she mentioned disposal facility wants to confirm that contaminated soil is from residential building and not from commercial building. Dorothy mentioned that they checked some website and did not find that it is residential building. Dorothy requested call to disposal facility.

3:39 PM:- left message for Kim (631-390-5734) at disposal facility and informed her that as per NYC DOB, the site 12 Agate Court is a residential building. asked her to search on NYC record to confirm type of building.

03/27/12-Hiralkumar Patel.

4:25 PM:- spoke with Paul. they started breaking concrete and will continue for couple of days. then they will start soil excavation in sections. asked him to call for inspection, once concrete floor removed.

04/02/12-Hiralkumar Patel.

12:15 PM:- received message from Paul.

12:59 PM:- spoke with Paul. they removed concrete floor and requested a site visit. scheduled a site visit at 2 PM.

2:00 PM:- visited site. met Paul. inspected excavation in basement. they dug to about 4.5 ft below basement floor along the southern portion of the basement. Paul mentioned that clean soil found in rear half of the basement. they found high contamination in western half of the basement, along Agate Ct, entire length between northern and southern foundation wall. Paul mentioned that they did horizontal drilling in northern and southern foundation wall and found contamination about 1 ft beyond the footings (which is not deep) on each side. he met with structural engineer this morning and they decided to build three temporary support columns so contamination around and under the permanent columns can be removed. they will also remove basement staircase, to remove contamination from under it. Paul mentioned that as per structural engineer, excavation of contaminated soil from along the foundation wall is possible by underpinning. he will call Ms. Tribble at Chartis. during visit, Paul showed piece of venting pipe that was installed after initial cleanup in 2008. the slotted pipe was wrapped in membrane sheet.

3:05 PM:- spoke with Ms. Tribble at Chartis and informed her about observations during the site visit. suggest her to continue excavation of contamination soil by supporting the building's foundation. she agreed to remove contamination from under the footing via excavation, by properly securing the building. she will talk to Paul and structural engineer. asked her to call back with final decision.

04/16/12-Hiralkumar Patel.

12:32 PM:- spoke with Paul. he mentioned that they installed four temporary columns and removed two columns where contamination noted. after removing soil from former column area, they collected endpoint bottom samples and sent it to lab. he is waiting for sample results, and then install permanent columns at former locations. he also mentioned that structural engineer is working on shoring plan for excavation along the foundation wall. once Paul receive those drawings, he will submit application to NYC DOB for permit.

04/20/12-Hiralkumar Patel.

11:54 AM:- received email from Paul including underpinning plan. they will be excavating and framing in 2 ft sections along the walls. he mentioned that excavation sections must be backfilled to continue work. he inquired about sampling requirement. Paul also sent results of endpoint bottom samples collected from the column area. two endpoint bottom soil samples collected from column area (one from each column). no contamination found in samples from column area.

04/23/12-Hiralkumar Patel.

3:41 PM:- left message for Paul.

3:57 PM:- received message from Paul.

04/24/12-Hiralkumar Patel.

9:34 AM:- spoke with Paul. as each 2 ft excavation section will be backfilled immediately, asked him to collect endpoint bottom and sidewall (towards next door properties as contamination under those properties) samples from each section and then based on field observation, he may composite samples from couple of sections. asked him to submit work schedule.

05/09/12-Hiralkumar Patel.

11:51 AM:- left message for Paul at Milro.

05/11/12-Hiralkumar Patel.

4:23 PM:- received message from Paul.

05/18/12-Hiralkumar Patel.

2:59 PM:- spoke with Paul. he mentioned that after received approval for underpinning from the insurance company, currently an expeditor is working on permit application. they have finished all required papers except a site survey. Paul mentioned that property owner claimed that someone stole the keybox from the site so they did not had access earlier this week. once duplicate key made, a surveyer will prepare drawing and documents will be submitted to NYC DOB for permit. Paul mentioned that no petroleum odors reported by neighbours during the work.

05/23/12-Hiralkumar Patel.

8:08 AM:- received message from Paul.

10:03 AM:- spoke with Paul. Paul mentioned that to finish permit application, they have to do asbestos survey in the building and then he can submit permit application to NYC DOB. he has been calling Mr. Frazer for a week to get access in building for the survey, but there is no response yet.

tried Mr. Frazer's cell number, but voicemail box is full.

10:07 AM:- left message for Ms. Martin.

4:42 PM:- received call from Ms. Bowling. she inquired about work progress. informed her about no access in building. she will try to contact property owner. she confirmed no more odors in her house.

4:47 PM:- received message from Mr. Frazer.

05/24/12-Hiralkumar Patel. received message from Mr. Frazer (at 5:32 PM on 05/23/12). he provided Ms. Martin's alternate number (646-878-3388).

9:25 AM:- received call from Mr. Frazer. he mentioned that he was waiting for Paul's response and was not avoiding him. he has scheduled site inspection with Paul tomorrow morning. asked Mr. Frazer to schedule a conference call including himself, Ms. Martin (property owner) and Paul. Mr. Frazer will call back.

10:43 AM:- received call from Ms. Bolling. she mentioned that as no work happening in building 12, she will report this to media. informed Ms. Bolling that oil company started removal of contaminated material and now project is on hold as they need permit from NYC DOB to excavate contaminated soil from along the foundation walls. so currently, contractor is in process of preparing permit application and depends of permit processing in DOB, it may take couple more weeks before work resume. she confirmed no odors in her house.

11:05 AM:- spoke with Paul. he has spoke with Mr. Frazer and has scheduled an asbestos survey tomorrow morning.

05/25/12-Hiralkumar Patel. received message from Ms. Bolling (around 4 PM). she mentioned that no-one came to the site for survey.

05/29/12-Hiralkumar Patel.

9:15 AM:- spoke with Dot at Milro. she confirmed that asbestos survey was not done on 05/25/12. she does not know the reason, but ask Paul to call back once he returns to the office tomorrow.

11:38 AM:- spoke with Mr. Frazer. he mentioned that the surveyer cancelled the appointment for some emergency. Mr. Frazer will talk to Paul tomorrow to reschedule asbestos survey as soon as possible.

06/05/12-Hiralkumar Patel.

9:26 AM:- spoke with Paul. he mentioned that asbestos survey has been completed and owner has signed permit application. they will submit application to NYC DOB.

06/11/12-Hiralkumar Patel.

10:15 AM:- spoke with Paul, Mr. Frazer and Ms. Martin. Ms. Martin mentioned that Mr. Frazer will be the point of contact on her behalf and all inquiries/information should be forwarded to him. she asked not to be contacted in this matter. Paul mentioned that DOB permit application has been forwarded to Mr. Frazer, who gave it to Ms. Martin. Ms. Martin mentioned that she will forward it to her lawyer, but doesn't know when. Paul mentioned that once he receive permit application documents with owner's signature, he will expedite the permit application and expecting to get permit in couple of days. informed Ms. Martin that permit application must be filed immediately so cleanup work can be resumed.

Steve Okenwa

\*\*property owner's attorney\*\*

Ph. (646) 845-7493

email: steveokenwa@yahoo.com

06/13/12-Hiralkumar Patel.

2:46 PM:- spoke with Paul about permit application. Paul mentioned that Mr. Frazer had 2 PM appointment with his attorney to discuss the application. Paul is waiting and will call once get response.

06/26/12-Hiralkumar Patel.

10:28 AM:- left message for Paul.

10:39 AM:- received call from Paul. he hasn't received signed permit application yet. he spoke with Mr. Frazer this morning and was told that signed permit application will be sent today via FedEx. asked Paul to call tomorrow once permit application received.

06/27/12-Hiralkumar Patel.

2:59 PM:- spoke with Dot. she mentioned that no permit papers received in FedEx today.

3:03 PM:- tried Mr. Frazer's phone numbers. voice mail box on his cell phone was full. tried his office number, but person told me that nobody works there name Anthony Frazer.

06/28/12-Hiralkumar Patel.

11:23 AM:- spoke with Paul. he did not receive permit application yet.

11:26 AM:- spoke with Mr. Frazer. he mentioned that permit application has been mailed in FedEx. asked him to submit copy of permit application by the end of today.

11:32 AM:- sent email to Mr. Frazer and asked to submit copy of permit application. email copied to Paul.

07/02/12-Hiralkumar Patel.

7:26 AM:- received email from Mr. Frazer including copy of signed NYC DOB permit application.

07/03/12-Hiralkumar Patel.

2:50 PM:- received email from Paul. he mentioned that package was received yesterday.

07/17/12-Hiralkumar Patel.

12:41 PM:- received email from Ms. Martin. she mentioned that she has forwarded her mail back to the site and asked to send mail at 12 Agate Ct.

1:26 PM:- spoke with Paul. they have submitted documents to NYC DOB and waiting for permit.

07/19/12–Hiralkumar Patel.

4:24 PM:– received call from Ms. Bolling inquiring updates. informed her that contractor is waiting for DOB permit.

07/31/12–Hiralkumar Patel.

10:01 AM:– spoke with Dot. they are still waiting for permit.

08/09/12–Hiralkumar Patel. received message from Paul (at 8:55 AM on 08/08/12).

10:40 AM:– spoke with Paul. they are still waiting for permit. he mentioned that landmark division has asked for additional documents and expeditor is in process of completing paperwork.

08/17/12–Hiralkumar Patel.

12:25 PM:– received email from Paul with update. he mentioned that NYC Landmark Preservation Commission has requested additional information and expeditor and the engineer are working on the issue. they will submit required information on 08/21/12.

09/10/12–Hiralkumar Patel.

2:54 PM:– spoke with Paul. he mentioned that NYC DOB has approved, the submitted drawings, on 08/31/12. Paul expects permit anytime this week. Paul mentioned that work will resume as soon as permit received.

09/12/12–Hiralkumar Patel.

1:52 PM:– received email from Paul including copy of permit from NYC Landmark Preservation Commission. he is now waiting for NYC DOB permit.

09/18/12–Hiralkumar Patel.

10:15 AM:– received email from Paul including copy of permit from NYC Landmark Preservation Commission, NYC DOB and underpinning drawing. he is planning to start work on 09/24/12. he mentioned that estimated time to complete the underpinning is 8 work days.

10:46 AM:– sent email to Paul. asked him to confirm the schedule and working hours, so site visit can be performed. email copied to Mr. Frazer and Ms. Tribble (Chartis).

10:52 AM:– received email from Paul including email from Mr. Frazer. Mr. Frazer is out of town and will be back on 10/04/12. work can be resumed after 10/04/12.

09/24/12–Hiralkumar Patel.

3:42 PM:– received email from Paul. he mentioned that work will resume on 10/08/12.

10/04/12–Hiralkumar Patel.

3:58 PM:– received email from Paul. he included copy of email from Mr. Frazer. Mr. Frazer sent email to Paul stating that due to family emergency, he won't be back to NY as planned and they had cancelled work scheduled for 10/08/12. no new schedule finalized yet.

10/12/12–Hiralkumar Patel.

10:12 AM:– received call from Paul. he hasn't received any response from Mr. Frazer yet about when can they resume cleanup.

tried Mr. Frazer's cell phone, but no space for voicemail.

2:27 PM:– left message for Ms. Martin.

2:51 PM:- received message from Mr. Frazer.

10/16/12-Hiralkumar Patel.

9:53 AM:- spoke with Mr. Frazer. he is out of state due to family emergency and coming back next week. he will talk to Milro once back in city.

12/04/12-Hiralkumar Patel.

9:30 AM:- received copy of email that Paul sent to Mr. Frazer. Paul asked when can they schedule the remediation.

3:06 PM:- left message for Mr. Frazer inquiring about remediation work.

3:12 PM:- sent email to Paul and asked to call back.

12/05/12-Hiralkumar Patel.

1:35 PM:- left message for Mr. Frazer.

1:37 PM:- left message for Paul.

1:47 PM:- sent email to Mr. Frazer and Ms. Martin and asked to call/email by the end of 12/10/12 with work schedule. email copied to Paul.

12/10/12-Hiralkumar Patel.

2:36 PM:- received copy of email that Mr. Frazer sent to Paul. Mr. Frazer is available on 01/08/13 to resume work.

2:43 PM:- left message for Paul.

2:46 PM:- spoke with John at Pacific. as no contact with Paul, asked John to contact insurance company to confirm that someone will be at site on 01/08/13 to resume cleanup.

12/11/12-Hiralkumar Patel.

10:06 AM:- received call from Dot from Milro Associates. she mentioned that their office was damaged in storm and work was delayed. she will talk to Paul about work in Jan.

01/03/13-Hiralkumar Patel.

2:05 PM:- received call from Paul. he spoke with Mr. Frazer who will be back in town by the end of Jan. 2013. Paul will call back once work scheduled.

01/22/13-Hiralkumar Patel.

11:26 AM:- received copy of email that Paul sent to Mr. Frazer. Paul asked Mr. Frazer if they can resume remediation next week.

01/23/13-Hiralkumar Patel.

10:02 AM:- spoke with Paul. he hasn't got any response from Mr. Frazer yet. Paul also mentioned that due to delay in remediation, oil company's insurance company is denying payment for cost of ventilation system in the subject site and neighbour's properties.

10:07 AM:- sent email to Mr. Frazer and asked him to call back. email copied to Paul and Ms. Tribble at Chartis.

01/29/13-Hiralkumar Patel. received email from Mr. Frazer (at 3:53 PM on 01/28/13). he is out of town and will not be back till March.

03/12/13-Hiralkumar Patel.

10:49 AM:- received call from Ms. Tribble from Chartis Insurance. she mentioned that no response from property owner regarding

resuming the cleanup.

11:02 AM:– spoke with Paul. he spoke with Mr. Frazer yesterday. Mr. Frazer is waiting for response from Chartis Insurance before providing access to the building. Paul will talk to Ms. Tribble at Chartis and will call back.

03/15/13–Hiralkumar Patel.

10:52 AM:– received call from Paul. he mentioned that currently property owner and Chartis Insurance are negotiating some kind of agreement and work will resume as soon as they reach to agreement.

04/10/13–Hiralkumar Patel.

9:42 AM:– received email from Paul. he mentioned that remediation work will resume on 04/22/13.

04/19/13–Hiralkumar Patel.

9:52 AM:– received email from Paul. he confirmed that remediation work will resume on 04/22/13.

04/22/13–Hiralkumar Patel.

4:15 PM:– spoke with Paul. they resumed remediation today. he will send email with field observations to discuss requirements for endpoint samples.

04/23/13–Hiralkumar Patel. received email from Paul (at 5:40 PM on 04/22/13). he mentioned that excavation begun along the south wall. large boulders were encountered. under the engineer's direction, the concrete footing sections were expanded from 24 inches to 32 inches due to the large boulders encountered. soil samples were collected for field screening and field screening data will be submitted for review. Paul mentioned that two areas along the south wall were excavated and filled with concrete.

10:38 AM:– received call from Paul and scheduled a site inspection at 10:30 AM on 04/25/13.

04/29/13–Hiralkumar Patel.

12:20 PM:– visited site. met Milro crew. inspected basement. large boulders noted in excavation.

3:12 PM:– received email from Paul. he mentioned that underpinning work along the south wall is completed. they collected soil samples: from sidewall at approx. 2 ft under the foundation wall and from bottom of each section. along south wall, excavation done in six sections. Paul send hand sketch with PID readings of endpoint samples from each six sections along south wall. high PID readings (from 98 to 175 ppm) were recorded in section 2. less than 81 ppm recorded in other sections. Paul mentioned that they have submitted south sidewall sample from section 2 for analysis.

3:46 PM:– sent email to Paul. based on submitted PID readings, asked Paul to also submit bottom sample from section 2. email copied to Mr. Frazer, Ms. Tribble and Ms. Hanlon (kathryn.hanlon@AIG.com).

05/03/13–Hiralkumar Patel. received email from Paul (at 6:17 PM on 05/02/13). he mentioned that underpinning and excavation along the north wall has been completed. PID readings prior to pouring the concrete along the north wall, ranged from 2.4 to 16.8 ppm. the bottom of the excavated areas at 4 ft below basement grade ranged from 3 to 32.5 ppm. soil samples with the highest PID reading from the north wall and bottom will be submitted for analysis. Paul mentioned that due to footings, additional soil can be removed from the impacted area within basement.

05/10/13–Hiralkumar Patel.

4:35 PM:– received email from Paul including results of endpoint samples collected during underpinning work. one set of endpoint bottom and sidewall sample was collected from each north and south foundation wall area. no contamination noted in samples.

05/13/13-Hiralkumar Patel.

9:44 AM:- sent email to Paul. asked him to submit a report including all details (instead of separate emails). email copied to Mr. Frazer, Ms. Martins, John and Ms. Tribble.

05/22/13-Hiralkumar Patel.

3:13 PM:- received email from Paul including results of endpoint samples collected from north, south and east sidewalls where underpinning was not performed. no contamination noted in samples. Paul mentioned that further excavation will be performed in excavation bottom in the western portion of the basement where the underpinning was performed.

Paul sent hand sketch showing PID readings from basement excavation sidewalls (where no underpinning done) and bottom. PID readings in samples from north, south and east sidewalls, where no underpinning done, are below 9 ppm. found 35 to 125 ppm in soil in excavation bottom in western portion (towards front of the building) of excavation.

05/24/13-Hiralkumar Patel.

10:56 AM:- received call from Paul. he mentioned that only contaminated area left is bottom of interior excavation. he has sent some documents to Mr. Frazer for signature so they can close DOB permit regarding excavation under foundation. he hasn't received response yet. Paul is also waiting for approval from insurance company regarding further excavation in interior excavation. Paul asked about installation of venting system. asked Paul to submit results of additional endpoint sample (which will be collected after further excavation in middle of basement) for review prior to any comments on installation of venting system.

08/07/13-Hiralkumar Patel.

10:35 AM:- spoke with Paul. they did further excavation in middle of basement and collected endpoint samples, which came back non-detect. most of the excavation has been backfilled. they installed passive SSDS and vapor barrier. they need to backfill last layer of excavation and restore concrete, but lost contact with property owner for couple of months. asked Paul to submit cleanup report now and backfilling update later.

08/08/13-Hiralkumar Patel.

12:50 PM:- received call from Ms. Tribble from AIG. informed her about discussion with Paul yesterday. she mentioned that Mr. Frazer stopped the work as NYC DOB permit for building renovation has expired. asked Ms. Tribble to submit spill cleanup report for review.

12/09/13-Hiralkumar Patel.

1:15 PM:- left message for Paul.

12/24/13-Hiralkumar Patel. received email from Paul (at 10:29 AM on 12/23/13) including cleanup report. Paul mentioned that a vapor barrier and a passive venting system was installed within the excavation. Paul stated that Mr. Frazer has not responded to numerous attempts to schedule the concrete restoration.

01/07/14-Hiralkumar Patel.

9:51 AM:- left message for Mr. Frazer. informed him that based on submitted spill cleanup report, the subject spill will be closed next week, if no response received from property owner by the end of 01/10/14.

9:54 AM:- left message for Ms. Martin. informed her that based on submitted spill cleanup report, the subject spill will be closed next week, if no response received from property owner by the end of 01/10/14.

10:02 AM:- spoke with Ms. Bolling. she confirmed no more petroleum odors in her building.

10:17 AM:- left message for Paul.

10:18 AM:- sent email to Ms. Martin and Mr. Frazer. informed them that based on cleanup report, the department has determined that spill remediation is complete and case will be closed on 01/13/14, if no response received from them by the end of 01/10/14.

10:18 AM:- email that was sent to Ms. Martin came back with message: "mailbox unavailable".

10:34 AM:- spoke with Ms. Tribble at AIG. inquired her about any contact with property owner. she mentioned that Kathryn Hanlon, adjuster at AIG, is in contact with property owner.

10:38 AM:- left message for Ms. Hanlon.

Kathryn Hanlon                      \*\*adjuster at AIG\*\*  
AIG  
Ph. (201) 631-7305  
email: kathryn.hanlon@aig.com

11:09 AM:- received call from Ms. Hanlon. she provided new phone number and email address for Mr. Frazer. she mentioned that she spoke with Mr. Frazer in Dec. 2013. during that phone conversation, Mr. Frazer accepted that he asked Milro crew to leave the site. Mr. Frazer never provided access again for remaining work. asked Mr. Hanlon to send email with summary of her discussion with Mr. Frazer in Dec. 2013.

Anthony Frazer  
PH. (646) 878-3388  
email: timereigns@gmail.com

11:16 AM:- sent email to Ms. Hanlon and asked to send email with summary of her discussion with Mr. Frazer in Dec. 2013.

11:18 AM:- left message for Mr. Frazer at his new number.

11:20 AM:- received call from Mr. Frazer. asked him about status on restoration of basement floor. Mr. Frazer stated that he asked Milro crew to leave the site as their work permit was expired and never renewed. asked Mr. Frazer to contact Milro/AIG to schedule floor restoration work. informed him that the department must receive confirmation about floor restoration work, by the end of 01/10/14, from all four parties: himself, Milro, AIG and Ms. Martin. also informed that without such confirmation, this case will be closed on 01/13/14.

11:39 AM:- sent email to Mr. Frazer and informed him that the department must receive a response from himself, Milro, AIG and Ms. Martin, by the end of 01/10/14, regarding restoration of basement floor. also informed him that the case will be closed if such response is not received from all parties. email copied to Ms. Hanlon, Ms. Tribble (AIG) and Paul.

3:27 PM:- received email from Ms. Hanlon with summary of her discussion with Mr. Frazer in Dec. 2012. she mentioned that Mr. Frazer visited site on 07/18/13 and instructed the contractor's crew to leave the site.

01/09/14-Hiralkumar Patel.

8:34 AM:- received email from Paul. he mentioned that basement restoration work will resume and has been scheduled for 01/22/2014. concrete will be poured on 01/23/14.

01/10/14-Hiralkumar Patel.

12:49 PM:- received email from Mr. Frazer. he confirmed that further work will resume on 01/22/14.

01/21/14-Hiralkumar Patel.

3:36 PM:- received copy of email from Mr. Frazer that he sent to Paul confirming rescheduling of work due to bad weather.

04/16/14-Hiralkumar Patel.

10:44 AM:- received call from Ms. Tribble from AIG, inquiring updates. informed her that the department has not received any update since 01/21/14.

10:57 AM:- received call from Ms. Tribble. she mentioned about no response from Mr. Frazer regarding basement restoration work.

04/23/14-Hiralkumar Patel.

4:30 PM:- received email from Ms. Tribble from AIG including summary of efforts taken to restore basement floor.

06/26/14-Hiralkumar Patel. based on available information and after discussion with DEC DeMeo and legal, case closed.

11:18 AM:- sent spill closure letter to Mr. Fay. letter emailed to Mr. Fay, Mr. Frazer (at both email addresses in file), Ms. Martin, Ms. Tribble (AIG) and Paul. paper copy of closure letter was sent to Mr. Frazer (at site address) and Ms. Martin (at Utica Ave address).

08/25/14-Hiralkumar Patel. letter sent to Ms. Martin at Utica Ave address came back (on 07/07/14) undelivered.

\*\*refer to spill #: 1113087 also.\*\*

**Map Identification Number 68**



**GAMBLE HOME**

471 JEFFERSON AVE

BROOKLYN, NY

**Spill Number: 0412139**

**Close Date: 02/14/2005**

TT-Id: 520A-0046-409

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1601 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Other

Caller Name: THOMAS BUTLER

DEC Investigator: JMKRIMGO

Spiller: MRS. GAMBLE - GAMBLE HOME

Notifier Name: THOMAS BUTLER

Caller Agency: VIJAX

Contact for more spill info: MRS. GAMBLE

Spiller Phone: (718) 453-8799

Notifier Phone: (718) 497-4491

Caller Phone: (718) 497-4491

Contact Person Phone: (718) 453-8799

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	
02/14/2005		OTHER	YES		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:

HOMEOWNER WAS AWAY AND WHEN RETURNED STATED SHE HAS A STRONG ODOR OF FUEL OIL; WILL INVETSIGATE AND LET US KNOW:

DEC Investigator Remarks:

Sangesland spoke to Anthony Losquandro – Minor leak from the tank gauge – gauge connection was tightened – spill cleaned up.

Closed

**Map Identification Number 69**  **209172; HERKIMER ST; SB20902 BUILDING LINE** **Spill Number: 0890326** **Close Date: 01/04/2008**  
 HERKIMER ST; SB20902 BUILDING LINE , NY **TT-Id: 520A-0218-219**  
 136/140 HERKIMER ST

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1727 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 136/140 HERKIMER ST  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT DESK – CON EDISON Spiller Phone:  
 Notifier Type: Responsible Party Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: Unassigned 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	
12/18/2007		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	UTILITY

Caller Remarks:

SB20902 FOUND APPROX 4 QTS OF UNKNOWN OIL ON 100 GAL OF WATER.  
 Closed: Agency Approval Not Required

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 70** **832 MARCY AVENUE**  
 832 MARCY AVENUE

BROOKLYN, NY

**Spill Number: 9512162**

**Close Date: 11/22/1996**  
 TT-Id: 520A-0041-722

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1730 feet to the NW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: BOB DECK  
 DEC Investigator: MCTIBBE

Spiller: BOB JONES - CITNALTA  
 Notifier Name: BOB JONES  
 Caller Agency: PETROLEUM TANK CLEANERS  
 Contact for more spill info: BOB JONES

Spiller Phone: (718) 778-4851  
 Notifier Phone: (718) 789-4851  
 Caller Phone: (718) 624-4842  
 Contact Person Phone: (718) 789-4851

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
12/28/1995		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	50.00	GALLONS	SOIL

Caller Remarks:

BUILDING IS A SCHOOL SPILL IS IN BASEMENT SPILL CAUSED BY A UNSECURE MANHOLE AREA BEING CLEANED UP NOW

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
 CLEANED BY OIL CO. TANK REPAIRED.

**Map Identification Number 71** **SUBWAY RESTAURANT**  
 36 MACON STREET

BROOKLYN, NY

**Spill Number: 0408678**

**Close Date: 04/29/2005**  
 TT-Id: 520A-0040-594

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1749 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: ALLEN JAMAL – SUBWAY RESTURANT	Spiller Phone: (212) 869-8580
Notifier Type: Affected Persons	Notifier Name: ALLEN JAMAL	Notifier Phone: (212) 869-8580
Caller Name: ZEB YOUNGMAN	Caller Agency: PW GROCER CONSULTING	Caller Phone: (631) 589-6353
DEC Investigator: RWAUSTIN	Contact for more spill info: ALLEN JAMAL	Contact Person Phone: (212) 869-8580

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	
11/05/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
TETRACHLOROETHYLENE (PCE)	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

**Caller Remarks:**

RESOURCE: UNKNOWN  
 CONDUCTED A SUBSURFACE INVESTIGATION IN THE BASEMENT OF THE BUILDING. 3 SOIL BORRINGS WERE CONDUCTED TO A DEPTH OF 4 FEET, SOIL SAMPLE ANALITICAL RESULTS INDICATE LEVELS, CONCENTRATIONS OF MATERIAL BETWEEN 330 PPB AND 1.3 PPB. HASNT BEEN CLEANED UP

**DEC Investigator Remarks:**

2/22/05 – Austin – Had phone conversation with Mustapha of Hydrotech – This site has PCE contamination; as per prior phone call, they will dig out hot spot, and submit post-ex sample results to DEC, with their determination that site meets TAGM objectives – Mustapha indicated that they would proceed with hot spot excavation and sampling. – end

3/11/05 – Austin – Received and reviewed 2/11/05 investigation report from Hydrotech. Replied to the report via 3/11/05 letter, wherein we expanded the number of excavation samples and informed the consultant to get NYCT concurrence before excavating adjacent to the subway. – end

4/29/05 – Austin – Received and reviewed 4/5/05 report from Hydrotech entitled "Soil Excavation Report – 36 Macon Street, Brooklyn, NY" , which described the excavation and post-ex sampling results. Based upon the information provided in this report,

the Department is closing this spill in our records. The NYCT was informed by DEC of the excavation, after the work had occurred. No further remedial action is required – end

**Map Identification Number 72** **306 MONROE STREET**  
 306 MONROE STREET

BROOKLYN, NY

**Spill Number: 9309047**

**Close Date: 10/26/1993**  
 TT-Id: 520A-0041-326

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1766 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name: RICH HOUSTON  
 DEC Investigator: CAMMISA

Spiller: BAERENKLAU  
 Notifier Name:  
 Caller Agency: BAERENKLAU  
 Contact for more spill info:

Spiller Phone:  
 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 – 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
10/26/1993	10/26/1993	OTHER	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:

SHORT WHISTLE – OIL CAME OUT OF VENT APPLIED SPEEDY DRY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 73** **85 KINGSTON AVE**  
 85 KINGSTON AVE

BROOKLYN, NY

**Spill Number: 9913256**

**Close Date: 02/23/2000**  
 TT-Id: 520A-0043-987

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1796 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN FOR NOW	Spiller Phone:
Notifier Type: Federal Government	Notifier Name: SAME	Notifier Phone:
Caller Name: COAST GUARD PO MOSELY	Caller Agency: COAST GUARD	Caller Phone: (718) 354-4122
DEC Investigator: MCTIBBE	Contact for more spill info: MICHAEL FARRELL	Contact Person Phone: (781) 953-3383

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	
02/22/2000		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
RAW SEWAGE	OTHER	0	GALLONS	0	GALLONS	SEWER

**Caller Remarks:**

the homeowner has raw sewage leaking back into his basment.they suspect it is coming from the nyc dept of sanation but however they will not help him.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
 2/23/00 HOMEOWNER HAS A SEWER BACKING UP INTO HIS HOME. HE THOUGHT THAT NYC DEPT. OF SANITATION HANDLED THAT. I TOLD HIM TO CALL DEP.

**Map Identification Number 74** **MANHOLE 2149**  
 MONROE ST/THROOP AVE

BROOKLYN, NY

**Spill Number: 0410393**

**Close Date: 10/23/2006**  
 TT-Id: 520A-0039-222

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1844 feet to the NNE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Local Agency  
 Caller Name: RON ELLIOTT  
 DEC Investigator: GDBREEN

Spiller: UNKNOWN  
 Notifier Name: MR REIDY  
 Caller Agency: CON ED  
 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	
12/18/2004		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 a spill of unknown oil spilled in a manhole. Coned crews pumped 1/2 pint of the spill into the street. Coned will be doing the cleanup. No to the 5 questions. #156642.

**DEC Investigator Remarks:**

10/23/06 - See e-docs for Con Ed report detailing cleanup and closure.

e2mis 156642

18-DEC-2004 0925HRS PINEDO # 17237 BQE REPORTS FOUND 1 GALLON UNKNOWN OIL IN M-2149 ON 20 GALLONS WATER . THIS IS ON FEEDER 5B28 ACCOUNT # C3242. HE SAYS THERE IS A SMELL OF GASOLINE IN STRUCTURE. HE NOTICED IT WHILE PUMPING STRUCTURE INTO STREET. NO SEWERS OR WATERWAYS ARE AFFECTED AND WHAT WAS PUMPED IS CONTAINED WITH BALONEYS AND DIAPERS. NO FIRE OR SMOKE NO PRIVATE PROPERTY AFFECTED NO INJURIES NO SEWERS OR WATERWAYS AFFECTED. PLACED ENVIROMENTAL STOP TAG # 30111. THERE IS NO SUMP IN STRUCTURE. TOOK SAMPLE ON A E PRIORITY TURNAROUND ALSO WILL TAKE FLASHPOINT AND OIL ID AND PCB SAMPLE.. CHAIN OF CUSTODY # IS DD03992 CIG R ELLIOTT NOTIFIED

UPDATE: 18-DEC-2004 1018HRS ENVIROMENTAL O/S BAMONTE NOTIFIED AND HIM AND VACTOR TRUCK WILL RESPOND.

UPDATE: 18-DEC-2004 1024 HRS PINEDO REPORTS THAT ONLY 1/2 PINT LIQUID HIT STREET.

UPDATE: 18-DEC-2004 1110HRS BAMONTE O/S ENVIROMENTAL OPS REPORTS CLEANED UP REMAINING LIQUID IN STREET CLEANUP IS 100% AT THIS TIME. WAITING FOR LAB RESULTS FOR STRUCTURE.  
JR78448

12/18/04 1748HRS LAB RESULT RETURNED 340 PPM LSN-04-10532-001  
FLASHPOINT ALSO RECEIVED WITH ABOVE LAB RESULT. >140 DEG F. TJ - 50495

UPDATE: 12/18/04 - 1900  
EPA # ISSUED. NYP 004 127 809. TJ - 50495

UPDATE: 12/19/04 - 0500  
J. MIDDLETON - ENV. OPS., RPEORTS STRUCTURE DOUBLE WASHED WITH BIO GEN 760. 200 GALS OF LIQUIDS REMOVED BY ASTORIA TANKER. THERE WAS OIL SOAKED ARC-PROOFING IN THE STRUCTURE. #9 SUPERVISOR MARK ROTUNDI DID NOT D FAULT THE STRUCTURE, BUT IT WAS DETERMINED THAT A SECTION OF CABLE WAS TO BE REPLACED IN THE STRUCTURE. TAG REMAINS UNTIL THE SECTION IS REPLACED. AT THAT POINT THE CLEANUP WILL BE COMPLETED. TJ - 50495

UPDATE 10-FEB-2005  
SUPV. BULLOCK REPORTED TO FEEDER REP J. SANTORA, THAT NO D-FAULT EXISTS IN MH 2149.

06:00 Hrs = 2/11/05 = Env Ops Supv C. Fernandez reports that Env crew ( A.Glodowski, S. Rosenking & P.Rosado ) removed 2 drums of debris & double washed the structure with 5 gallons of BioGen 715 and 5 gallons of Safety Wash . An Astoria tanker removed approximately 100 gallons of liquid & an Astoria Transportation vehicle removed the drums. The environmental tag ( 30111 ) was removed and job is complete. TJ - 50495

**Map Identification Number 75**



**JOHNSON HOME**

1484 PACIFIC STREET

BROOKLYN, NY

**Spill Number: 0709762**

**Close Date: 12/11/2007**

TT-Id: 520A-0210-530

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1861 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Other

Caller Name:

DEC Investigator: SFRAHMAN

Spiller: MIKE RIZZO - JOHNSON HOME

Notifier Name:

Caller Agency:

Contact for more spill info: MIKE RIZZO

Spiller Phone: (718) 222-1165

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 222-1165

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	
12/11/2007		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:

HOMEOWNER CALLED OIL COMPANY TO DELIVER AND WHEN THEY GOT THERE ANOTHER OIL COMPANY HAD ALREADY DELIVERED OIL AND CAUSED A SMALL SPILL : ON WAY TO CLEAN UP:

DEC Investigator Remarks:

I spoke with Mike Rizzo, he responded to the site. He told me the spill came out of the vent, on concrete and they cleaned up all. No drain or soil was impacted. Approx 10 gallon #2 oil spilled due to overfill. Spill closed. (SR)

**Map Identification Number 76** **ALBANY STREET & ATLANTIC** **Spill Number: 8607519** **Close Date: 08/21/1987**  
 ALBANY ST & ATLANTIC AVE. NEW YORK CITY, NY TT-Id: 520A-0043-986

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1862 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: ALBANY AV / ATLANTIC AVE.  
 Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY  
 Notifier Type: Local Agency  
 Caller Name:  
 DEC Investigator: UNASSIGNED

Spiller: AMOCO GAS STATION  
 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
03/10/1987	08/21/1987	UNKNOWN	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

COMPLAINT ORIGINALLY CAME FROM COMMUNITY BOARD #3. THEY ARE AFRAID OF AN EXPLOSION IN THE SEWER.

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: GASOLENE FUMES

**Map Identification Number 77**      **VS 7015**      **Spill Number: 0314243**      **Close Date: 06/23/2004**  
 ATLANTIC AVE/ALBANY AVE      BROOKLYN, NY      TT-Id: 520A-0039-149

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1862 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: ERT DESK - CON ED	Spiller Phone: (212) 580-8383
Notifier Type: Other	Notifier Name: SHAWN MCKEEVER	Notifier Phone: (212) 580-8383
Caller Name: SHAWN MCKEEVER	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	
03/29/2004		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	GROUNDWATER

Caller Remarks:

unknown source, spilled onto soil, no cleanup in progress.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 e2mis no. 152691:

FOUND 5 GALLONS UNKNOWN OIL IN DIRT IN VS 7015. PRESSURE TESTED

UNIT AND IT FAILED. TOOK SAMPLE ON A 4 TO 6 HOUR PRIORITY TURNAROUND CLEANUP PENDING RESULTS.

Lab Sequence Number: 04-02403-001 PCB <1 ppm

11:52 HRS ENV. OPS. CREW CLEANED VAULT WITH VACTOR TRUCK AND

TANKER REMOVED OIL FROM THE TRANSFOMER. PLATE ON TRANSFORMER INDICATES OIL CAPACITY OF 290 GAL. 290 GAL CAPACITY – 85 GAL DRAINED = APPROX. 205 GAL MISSING FROM TRANSFORMER. DBL. WASHED STRUCTURE WITH SLICKS & BIO GEN-760. FOUND SUMP CEMENTED. ENVIR. TAG WILL REMAIN IN PLACE PENDING UNIT REMOVAL. PRELIMINARY CLEANUP COMPLETE.

KEN DAVIS OF EQUIPMENT GROUP REPORTS ENV. OPS. CREW CLEANED VAULT WITH VACTOR TRUCK AND TANKER REMOVED OIL FROM THE TRANSFOMER. PLATE ON TRANSFORMER INDICATES OIL CAPACITY OF 290 GAL.

290 GAL CAPACITY – 85 GAL DRAINED = APPROX. 205 GAL MISSING FROM TRANSFORMER. ORIGINAL REPORT WAS 5 GAL, THEREFORE APPROX. 200 GAL. OIL UNACCOUNTED FOR.

BANKHEAD – ENV. OPS., REPORTS THAT HE CHECKED THE ADJACENT BUSS COMPT TO VS7015 AND FOUND NO OIL IN THE STRUCTURE. HE ALSO CHECKED THE LINEHOLE TO VS7015 (MH73109) AND FOUND NO OIL IN THIS STRUCTURE EITHER.

TRINIDAD (ENV OPS) REPORTS, DOUBLE WASHED STRUCTURE USING 760 BIO GEN AND CEMENTED CONCRETE SUMP AND REMOVED TAG. JOB 100% COMPLETED. PER FDR REP H. BROWN THE UNIT WAS REMOVED ON 4/6/04.

**Map Identification Number 78**



**SERVICE BOX SB31300**

534 GATES AVE

BROOKLYN, NY

**Spill Number: 9905588**

**Close Date: 04/04/2002**

TT-Id: 520A-0046-736

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1891 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: MIKE CESARE  
 DEC Investigator: CAENGELH

Spiller: CON EDISON  
 Notifier Name: PACE  
 Caller Agency: CON EDISON  
 Contact for more spill info:

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
08/09/1999		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:

2 QTS OF UNK OIL IN THE BOX - CASE #127119

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 79** **NOSTRAND AVE/ MARCY AVE.** **Spill Number: 0401298** **Close Date: 05/07/2004**  
 250 MADISON ST BROOKLYN, NY TT-Id: 520A-0235-102

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1897 feet to the NW

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: DISPATCHER	Notifier Phone:
Caller Name: AZALIA MADDOX	Caller Agency: NYC DEP	Caller Phone: (212) 689-1520
DEC Investigator: SMSANGES	Contact for more spill info: EVONNE JONES	Contact Person Phone: (718) 398-0425

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
05/06/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

More than on gallon of oil coming from a truck in front of a building. Unsure if material went into the sewer... definately on

land.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

<b>Map Identification Number 80</b>	<b>500 NORSTRAND AVE</b>	<b>Spill Number: 9706894</b>	<b>Close Date: 12/31/1997</b>
	500 NOSTRAND AVENUE	BROOKLYN, NY 11206	TT-Id: 520A-0044-521

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1899 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: RAY KAHN – 500 NORSTRAND AVE	Spiller Phone: (212) 363-3775
Notifier Type: Responsible Party	Notifier Name: BOB MARCH	Notifier Phone: (718) 272-2800
Caller Name: BOB MARCH	Caller Agency: ABC TANK CLEANERS	Caller Phone: (718) 272-2800
DEC Investigator: MMMULQUE	Contact for more spill info: RAY KAHN	Contact Person Phone: (212) 363-3775

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	
09/10/1997		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller, called to house to clean tank and found two feet of water/oil mixture in basement.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN"  
 CALLED BOB MARCH, OWNER HAS NOT TAKEN RESPONSIBILITY TO CLEAN UP THE SPILL YET. THE TANK IS 2000 GL. DON'T KNOW THE SOURCE OF SPILL.

**Map Identification Number 81** **550 GATES AVE**  
 550 GATES AVE

BROOKLYN, NY

**Spill Number: 9514023**

**Close Date: 02/03/1996**  
 TT-Id: 520A-0046-739

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1906 feet to the N

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Local Agency  
 Caller Name: CHERYL WILLIAMS  
 DEC Investigator: O'DOWD

Spiller:  
 Notifier Name: FF REGAN  
 Caller Agency: DEP  
 Contact for more spill info: UNKNOWN

Spiller Phone:  
 Notifier Phone: (917) 769-0483  
 Caller Phone: (718) 595-6777  
 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	
02/03/1996		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

FDNY THERE OR ENROUTE - 275 GALLON TANK LEAKING IN BASEMENT  
 UNK CAUSE

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:**

10:50am - SPOKE TO FD - FUEL OIL LEAKED OUT IN TANK INTO BLDG 30-50 GAL. - HOLE IN TANK AT BOTTOM - OIL CO (718) 456-3380 RELLA OIL CO. TO DO CLEANUP.  
 12:24 pm, SPOKE TO BOB/DEP WAS THERE - NOTHING GOT INTO SEWER - APPLYING SPEEDY DRI - WILL P/U & DISPOSE - MADE REPAIR - SHOULD GO ON LINE THIS AFTERNOON.

**Map Identification Number 82** **291-A MONROE STREET**  
 2910A MONROE STREET

BROOKLYN, NY

**Spill Number: 9500736**

**Close Date: 11/22/1996**  
 TT-Id: 520A-0043-746

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 1907 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 291A MONROE STREET  
 Revised zip code: 11216

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Citizen  
 Caller Name: JOHN SNEAD  
 DEC Investigator: MCTIBBE

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (318) 399-2287  
 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	
04/10/1995		UNKNOWN	NO		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:

ONGOING PROBLEM - BASEMENT CONCRETE FLOOR.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
 APT BLDG EVERY FILL UP-BAD SMELL BAD STAIN IN BASEMENT. SATURATED SAW DUST. CLEANED BY RP.

**Map Identification Number 83** **MANHOLE 30571**  
 276 MONROE ST

BROOKLYN, NY

**Spill Number: 9812463**

**Close Date: 10/17/2002**  
 TT-Id: 520A-0042-264

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1959 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNK SOURCE	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR WAINWRIGHT	Notifier Phone:
Caller Name: STEVE ROMERO	Caller Agency: CON EDISON	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	
01/08/1999		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 gal of oil on 60 gal of water - chem lab is taking samples prior to clean up con ed# 122327

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL" e2mis no. 122-327:

01/08/99 10:20 HRS

RICHARD MAITLAND #18309, MECHANIC A WITH M&S (MAINTENANCE & SERVICES) REPORTS THAT AT 10:10 HRS, WHILE DOING STREET LIGHT WORK, HE FOUND APPROX. 1 GAL OIL ON APPROX. 60 GAL. WATER IN MH-30571. LOCATION IS F/O 276 MONROE ST., BET. MARCY AVE. & NOSTRAND AVE. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. ENV. STOP TAG #17880 INSTALLED. MAITLAND REPORTS HE

IS NOT EQUIPPED TO TAKE OIL SAMPLE. INFORMED HIM TO STAND-BY ON LOCATION UNTIL WE CAN GET A CREW OUT THERE TO TAKE SAMPLE. WHEN SAMPLE IS TAKEN, IT WILL BE SENT ON 4-6 HOUR TURNAROUND. CLEANUP PENDING PCB RESULTS FROM CHEM LAB.

01/08/99 13:55 HRS --- S.PACE RCVD CALL TAKEN ONE LIQUID SAMPLE WAS TAKEN AND SENT TO THE CHEM LAB ON A 4-6 HOUR PRIORITY TURNAROUND.

UPDATE 09-JAN-1999 0456HRS LAB RESULTS RETURNED<1.00 PPM LAB SEQUENCE # IS 99-00231.

LAB RESULT RECEIVED 1/8/99 - 1905. 99-00232. OIL I.D. INDICATES A LIGHT FUEL OIL.

LAB RESULT RECEIVED 1/12/99 - 1949. 99-00326. FLASHPOINT. >160 DEG. F.

update \*\*\*\*\* 1-19-99 19:30hrs f. dellatorre reports, cleanup completed with slix & env. stop tag # 17808 removed.

**Map Identification Number 84** **1302 PACIFIC** **Spill Number: 0311763** **Close Date: 06/30/2009**  
 1302 PACIFIC STREET BROOKLYN, NY 11216 TT-Id: 520A-0047-446

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2000 feet to the SW

**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: MALORY GILMORE	Notifier Phone: (212) 689-1520
Caller Name: MALORY GILMORE	Caller Agency: NYCDEP	Caller Phone: (212) 689-1520
DEC Investigator: SFRAHMAN	Contact for more spill info: MR. RUDOLPH VAUGHN	Contact Person Phone: (718) 735-9170

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	
01/20/2004		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

**Caller Remarks:**

UNKNOWN WHAT HAPPENED AND WAHT SPILLED , IT IS A THIRD PARTY CALL.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEMEO"  
 PBS 2-608982  
 Albanyassignment: "cbng"

12/5/05: CBN

DEC tried calling the phone number in the Spill Report Form but no one answered and there was no way to leave a message.

9/7/06 – Austin – Assigned from Albany to Region 2 staff (Rahman) for review and closure – end

06/30/09 Performed site visit today. Tank is cemented all over with no apparent weepholes. Super told me that the tank is 2,000 gallon. As per PBS, tank is 4,000 gallon and registration expired in 2008. There was no evidence of oil spill in the tank room or at the fill port. I notified the building super that PBS has to be renewed. Spill closed. (sr)

Building owner:  
Mr. Carrie Katz  
(646)752-2096.

**Map Identification Number 85**



**SERVICE BOX 28337**  
102 KINGSTON AVE

BROOKLYN, NY

**Spill Number: 9512130**

**Close Date: 11/21/1997**  
TT-Id: 520A-0044-014

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2017 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Affected Persons  
Caller Name: JOE DEVOTI  
DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
Notifier Name: MR SUTO  
Caller Agency: CON EDISON  
Contact for more spill info: MR SUTO

Spiller Phone:  
Notifier Phone: (718) 802-5150  
Caller Phone: (212) 580-6763  
Contact Person Phone: (718) 802-5150

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	
12/27/1995		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ANTIFREEZE	OTHER	100.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

notifier found a mixture of antifreeze and water in a service box

clean up is in process

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 1/4/96: Spoke with Steve Zalloughi – sample collected, product remains in vault until analysis comes back.

**Map Identification Number 86**      **SERVICE BOX**      **BROOKLYN, NY**      **Spill Number: 9905590**      **Close Date: 04/04/2002**  
 555 GATES AVE      TT-Id: 520A-0046-737

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2061 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR HERBST	Notifier Phone:
Caller Name: MIKE CEASER	Caller Agency: CON ED	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: MIKE CEASER	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	
08/09/1999		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 quart on 80 gals of water – cleanup pending test results ref #127121

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 87**  
 **PAMOJA HOUSE**  
 357 MARCUS DARBY BLVD

BROOKLYN, NY

**Spill Number: 1102689**

**Close Date: 07/22/2013**  
 TT-Id: 520A-0263-389

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2111 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: 357 MARCUS GARVEY BLVD  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: SFRAHMAN

Spiller: PAMOJA HOUSE  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: LANRE ORIMABOGUNJE

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (347) 843-9421

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	
06/07/2011		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
AUTO WASTE FLUIDS	PETROLEUM	0	GALLONS	0	GALLONS	
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	

**Caller Remarks:**

various chemicals found in mens shelter

**DEC Investigator Remarks:**

6/9 Left voice message for Carl Pellagrino of EPA asking what type of materials were found and were they leaking? in drums? open containers? etc.

6/24 Left voice message for Carl Pellagrino of EPA

06/28/11 Notified DEP Hotline and requested an inspection since the reported materials are variuous chemicals.DEP ref no 185266911.I also left a messege for Carl Pellagrino to call us back regarding what else he knows about the spill.(sr)

06/30/11 No call back received from EPA(Carl Pellagrino).Case closed.(sr)

**Map Identification Number 88**

**SERVICE BOX #31304**

607 GATES AVE

BROOKLYN, NY

**Spill Number: 9815302**

**Close Date: 05/10/1999**

TT-Id: 520A-0051-418

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 2116 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Local Agency  
 Caller Name: STEPHEN ROMERO  
 DEC Investigator: CAENGELH

Spiller: UNKNOWN  
 Notifier Name: MR THORTON  
 Caller Agency: CON ED  
 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 - 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	
03/25/1999		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:

CON EDISON #123851 OIL ON 25 GALLONS OF WATER. CLEAN UP PENDING RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 CON ED E2MIS NOTES

1 gal. unknown oil found on top of 25 gals. of water in SB 31304. No sewers or waterways affected. Sample taken and put in for a 4-6 hr. priority. Tag #04715 installed, cleanup pending oil sample results.

3-25-99 20:25

Lab Seq# 99-03078 12ppm PCB

4-01-99 1600hrs. Cleanup complete, tag removed.

Incident closed.

**Map Identification Number 89** **SERVICE BOX#** **Spill Number: 0313927** **Close Date: 06/18/2004**  
 ALBANY AVE/REVERE PLACE BROOKLYN, NY TT-Id: 520A-0050-051

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (5)  
 Approximate distance from property: 2125 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: ALBANY AVE / REVERE PL  
 Revised zip code: 11213

Source of Spill: UNKNOWN Spiller: BILL MURPHEY - SERVICE BOX# Spiller Phone: (212) 580-6763  
 Notifier Type: Other 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: BILL MURPHEY Contact Person Phone: (212) 580-6763

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	
03/22/2004		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ANTIFREEZE	OTHER	30.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

it s an unknown 3rd party that spilled the antifreeze into the service box..coned #152154

**DEC Investigator Remarks:**

e2mis 152594

3-22-04 09:20 HRS K. SAUL 81939 (M&S) REPORTS FOUND 30 GALLONS OF ANTI FREEZE IN SB 18. (NO WATER). AS THIS ANTI FREEZE IS CONTAINED, NO SEWERS OR WATERWAYS WERE AFFECTED. AT THIS TIME NO SAMPLE OR ENV STOP TAG WAS PLACED CLEANUP PENDING LAB SAMPLE.

UPDATE 3-22-04 09:40 HRS

K. SAUL REPORTS, HUNG TAG# 24773 AND TOOK TWO LIQUID SAMPLES, ONE OIL ID AND ONE PCB.

Update - 3/22/04 1025hrs

Brian Brown OS Env. Ops reports he has inspected area of spill. States Maintenance Services was on location on Friday - 3/19/04 - this situation did not exist at that time. M&S reports that when they arrived at location this morning found the antifreeze in

our service box along with 2 other puddles in our trenches located next to the service box. Brown also states he sees evidence of antifreeze in the street approximately 45' w/o our service box. Brown will contact EH&S E. Cortes regarding this 3rd party spill.

PONTECORVO OF E.R.T. REPORTS THAT HE RECEIVED CONFIRMATION FROM PETE WILLIAMSON OF THE D.E.P. THAT THEY WERE AT SITE OVER WEEKEND TO FIX WATER MAIN BREAK AND PUT A TRACER DYE ("ORIMEANE") IN THE WATER WHICH SOMEHOW INFILTRATED OUR TRENCH AND SERVICE BOX.

LAB SEQ # 04-02192-00, PCB RESULTS < 1.0 ppm.

Flash Point, PMCC > 140 deg F

LAB RESULT RECEIVED. 04-02209. OIL I.D. INDICATES A SUBSTANCE SIMILAR TO A LUBRICATING OIL.

Ethylene Glycol < 7.18 ppm

glodowski reports, double washed structure using bio gen 760. no sump found.

<b>Map Identification Number 90</b> 	<b>SERVICE BOX 20570</b> 129 HANCOCK ST	BROOKLYN, NY	<b>Spill Number: 0005165</b>	<b>Close Date: 10/25/2001</b> TT-Id: 520A-0044-515
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: PARCEL MAPPING (1)		Revised street: NO CHANGE		
Approximate distance from property: 2142 feet to the W		Revised zip code: NO CHANGE		
Source of Spill: UNKNOWN		Spiller: UNKNOWN		Spiller Phone:
Notifier Type: Affected Persons		Notifier Name: MR WAINWRIGHT		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	
07/31/2000		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 pint on 30gals of water – cleanup pending test results ref#132625

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis Notes:

7/31/00 1pint unknown oil on 30gal water in service box. Sample returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor. No leaking equipment. No sump.

**Map Identification Number 91** **SERVICEBOX 21368** **Spill Number: 0005355** **Close Date: 11/08/2001**  
 172 JEFFERSON AVE BROOKLYN, NY TT-Id: 520A-0050-865

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2143 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON EDISON Spiller Phone: (212) 580-6763  
 Notifier Type: Responsible Party Notifier Name: DELAJOSE Notifier Phone:  
 Caller Name: STEVE ROMERO Caller Agency: CON EDISON 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	
08/04/2000		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:

1QT ON 10GAL OF WATER IN THE BOX – CASE #132698

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 92** **SERVICE BOX 19328** **Spill Number: 9902453** **Close Date: 05/18/2000**  
 IFO 1249 DEAN ST BROOKLYN, NY TT-Id: 520A-0043-972

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2146 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: 11216

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: STEVEN CRIBBIN	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 - 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	
06/03/1999		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 states 1 quart found in service box. con ed #125290.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 CON ED E2MIS NOTES 6-18-99

1 qt. unknown oil on top of 4 gals. water in SB 19328 F/O 1249 Dean St. No sewers or waterways affected. There is no sump in SB, a sample was taken and put in for 4-6 hr. priority. Cleanup pending test results.

6-14-99 - 1000

<1.00ppm cleanup complete and tag #08011 removed.

Incident closed.

Unknown oil 1 qt. Contained

PCB 1ppm Contained

Aroclor 1242 1ppm

Aroclor 1254 1ppm

Aroclor 1260 1ppm

**Map Identification Number 93**



**RESIDENCE**  
65 HALSEY ST

BROOKLYN, NY

**Spill Number: 0107043**

**Close Date: 11/20/2001**  
TT-Id: 520A-0044-518

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2168 feet to the W

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
Notifier Type: Affected Persons  
Caller Name: JOAN THOMAS  
DEC Investigator: JMKRIMGO

Spiller: UNKNOWN  
Notifier Name: JOAN THOMAS  
Caller Agency: CITIZEN  
Contact for more spill info: JOAN THOMAS

Spiller Phone:  
Notifier Phone: (718) 857-9754  
Caller Phone: (718) 857-9754  
Contact Person Phone: (718) 857-9754

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
10/04/2001		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:

FEMALE STATES SPILL OCCURED THURSDAY AND IS NOW SEEPING INTO HER RESIDENCE. CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "KRIMGOLD"  
 10/04/2001. 18:30 @ SITE. SPEAK TO MS.THOMAS @ 63 HALSEY ST. TANK OVERFILLED IN THE BASEMENT OF ADJACENT BUILDING AT 65 HALSEY ST.

~50 GAL. SPILLED ON THE BASMENT FLOOR. ALL CONTAINED ON THE CONCRETE FLOOR. THE EMPIRE STATE FUEL CO. IS AN RP. CLEANUP IS IN THE PROGRESS.

10/05/2001. ALL CLEANED UP BY THE RP.

**Map Identification Number 94**      **RESIDENCE**      **Spill Number: 9812876**      **Close Date: 07/18/2003**  
      439 MONROE ST      BROOKLYN, NY      TT-Id: 520A-0044-169

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2170 feet to the NNE

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: ABOVE NOTIFIER	Spiller Phone:
Notifier Type: Fire Department	Notifier Name: JOE IOVINO	Notifier Phone: (917) 769-0485
Caller Name: EUGENIA BERNAIZ	Caller Agency: NYC DEP	Caller Phone: (718) 595-6700
DEC Investigator: SMSANGES	Contact for more spill info: ABOVE NOTIFIER	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	
01/19/1999		UNKNOWN	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

fire dept called to residence for fumes and found spill in basement – on concrete – no further at this time

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

**Map Identification Number 95**      **SERVICE BOX 20892**      **Spill Number: 0005952**      **Close Date: 11/20/2001**  
 72 HERKIMER ST      BROOKLYN, NY      TT-Id: 520A-0039-865

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2270 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 REIDY	Notifier Phone:
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	
08/18/2000		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 pint of unk oil 30 gals water – sample taken clean up pending results – con ed 132929

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 96**

**SERVICE BOX 20892**

**Spill Number: 0005068**

**Close Date: 10/23/2001**



72 HERKIMER ST

BROOKLYN, NY

TT-Id: 520A-0039-855

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2270 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL

Spiller: CON EDISON

Spiller Phone: (212) 580-6763

Notifier Type: Responsible Party

Notifier Name: NEVILLE

Notifier Phone:

Caller Name: BILL MURPHY

Caller Agency: CON EDISON

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	
07/28/2000		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:**

2QTS UNK OIL IN BOX - SAMPLE TAKEN - CASE #132586

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

Con Ed e2mis Notes:

7/28/00 2qts unknown oil on 5gal water in service box. Liquid sample taken and returned <1ppm PCB. Cleanup completed by double washing with slix. Lquids removed by tanker, solids by vactor. No leaking equipment. No sump.

**Map Identification Number 97** **789 ST.MARKS AVE/BKLYN**  
 805 ST. MARKS AVENUE

NEW YORK CITY, NY

**Spill Number: 8806464**

**Close Date: 11/04/1988**  
 TT-Id: 520A-0043-994

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2291 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: 805 ST MARKS AVENUE  
 Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK  
 Notifier Type: Citizen  
 Caller Name: CARL PELLEGRINO  
 DEC Investigator: JCGRATHW

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency: USEPA  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (201) 321-6794  
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/01/1988	11/04/1988	UNKNOWN	UNKNOWN	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:

SPILLAGE ON STREET DURING TRANSFER, OIL COMPANY CLEANED UP SPILL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "GRATHWOL"

**Map Identification Number 98** **APARTMENT BLDG**  
 492 MONROE ST

BROOKLYN, NY

**Spill Number: 1201143**

**Close Date: 05/04/2012**  
 TT-Id: 520A-0273-572

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2339 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: CLAUDIUS WICHAM – APARTMENT BLDG Spiller Phone:  
 Notifier Type: Health Department Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: HRPATEL Contact for more spill info: CLAUDIUS WICHAM Contact Person Phone: (917) 295-5862

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
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Caller is a Health Inspector and during the course of a visit he can smell fuel oil from the location. he spoke with a rep from the bldg, but they claim there is no access to the basement. Caller is making notification for access and will advise further. Requests a callback.

DEC Investigator Remarks:

duplicate spill. case closed. refer to spill #: 1200586.

**Map Identification Number 99** **328 QUINCY ST** **Spill Number: 9608806** **Close Date: 02/19/2003**  
 328 QUINCY ST BROOKLYN, NY TT-Id: 520A-0043-745

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2382 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:  
 Notifier Type: Other Notifier Name: NICK CHRONOPOULOS Notifier Phone: (718) 545-3662  
 Caller Name: NICK CHRONOPOULOS Caller Agency: PETRO OIL Caller Phone: (718) 545-3662  
 DEC Investigator: CAENGELH Contact for more spill info: CARL MCDONALD Contact Person Phone: (718) 399-0649

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	
10/15/1996		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 REPORTS STAIN ON GROUND - APPEARS TO HAVE BEEN THERE A WHILE  
 CALLER HAS TAKEN OVER THIS ACCOUNT AND PREVIOUS 2 SPILLS-CALLER  
 WANTED REPORT TO DOCUMENT

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 2/19/2003 - Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 100

**MANHOLE 2145**  
 500 QUINCY ST



BROOKLYN, NY

Spill Number: 0003599

Close Date: 09/27/2001  
 TT-Id: 520A-0043-764

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2392 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: BILL MURPHY  
 DEC Investigator: JHOCONNE

Spiller: UNKNOWN  
 Notifier Name: MR NEVILLE  
 Caller Agency: CON EDISON  
 Contact for more spill info: BILL MURPHY

Spiller Phone:  
 Notifier Phone: (718) 246-6610  
 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	
06/23/2000		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:

3 qts oil on 300 gals of water contained in manhole. clean up pending. con ed 131-988

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
 Con Ed e2mis Notes:

6/23/00 3qts on 300gal water in manhole. Sample returned <1ppm PCB. Cleanup completed by double washing with slix. Liquids were removed by tanker, solids by vactor. Disposed of as hazardous for lead only. No equipment leaking. No sump. (KMF 10/10/01)

Map Identification Number 101

I/O LADY TEXT  
 1218 FULTON ST

BROOKLYN, NY

Spill Number: 0208598

Close Date: 11/19/2002  
 TT-Id: 520A-0040-268

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2400 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: ALICE MAISONET  
 DEC Investigator: TJDEMEO

Spiller: UNKNOWN  
 Notifier Name: ALICE MAISONET  
 Caller Agency: LADY TEXT  
 Contact for more spill info: ALICE MAISONET

Spiller Phone:  
 Notifier Phone: (718) 417-5600  
 Caller Phone: (718) 417-5600  
 Contact Person Phone: (718) 417-5600

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	
11/19/2002		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:

when they came to open the store this morning they found a puddle of oil ifo the store – they put speedy dry down but its not cleaned up. R Leung(DEC) spoke to caller– kept adding & removing sand until most of oil was picked up. No tanks in bldg. Suspect oil thrown by vandals.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "DEMEO"  
SPOKE TO CALLER KEPT ADDING AND REMOVING SAND UNTIL MOST OF OIL WAS PICKED UP. NO TANKS IN BUILDING. SUSPECT OIL THROWN BY VANDALS.

**Map Identification Number 102**      **VAULT #7909**      **Spill Number: 0313522**      **Close Date: 03/11/2004**  
 QUINCY ST / MARCY AVE      BROOKLYN, NY      TT-Id: 520A-0039-145

MAP LOCATION INFORMATION  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2406 feet to the NNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller:	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR. RAIDY	Notifier Phone: (212) 580-8383
Caller Name: SHAWN MCKEEVER	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
03/09/2004		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

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Caller Remarks:

5 GALS OF UNKNOWN OIL FOUND IN A VAULT. THIS IS A NEW VAULT - NO TRANSFORMER. CLEAN UP PENDING REMOVAL OF VEHICLES.

-----  
DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2mis no. 152409:

APPROX 5 GALS OF AN UNKNOWN OIL ON THE CONCRETE FLOOR OF VS7909. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO OIL FILLED EQUIP IN THE STRUCTURE. CLEANUP PENDING LAB RESULT. THIS IS A BRAND NEW STRUCTURE. THERE IS NO TRANSFORMER IN THE STRUCTURE.

LAB RESULT RECEIVED - 04-01800. OIL I.D. INDICATES A LIGHT FUEL OIL.

LAB RESULT RECEIVED - 04-01799. <1.0 PPM PCB.

LAB RESULT RECEIVED - 04-01815. FLASH POINT > 140 deg F.

3/10/04 2055 hrs. double washed structure with biogen 760. No sumps in structure. Removed all liquids with vactor. No leaking co. equipment found.

**Map Identification Number 103**

**MANHOLE #19917**  
FULTON ST & TROY AV

BROOKLYN, NY

**Spill Number: 0109588**

**Close Date: 04/02/2002**  
TT-Id: 520A-0038-948

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 2440 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: FULTON ST / TROY AV  
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
Notifier Type: Local Agency  
Caller Name: BILL MURPHY  
DEC Investigator: AERODRIG

Spiller: UNK  
Notifier Name: MR TOJEIRA  
Caller Agency: CON EDISON  
Contact for more spill info: BILL MURPHY

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	
01/02/2002		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:

1/2 pt – on 50 gals of water

con ed #140778 – spill was orig. on 24 hr. program – due to veh parked over manhole clean up not possible – determined @ 8:40 this morning

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
e2mis notes:

1/2/02 1702 hours: While getting ready to splice on sch feeder 5b27 found 1/2 pint unknown oil on 50 gallons of water. He did not see any signs that there is or was fire. There is no oil filled cable in this structure. Took a PCB sample and requested emergency priority.

1/3/02 0300 hours: Lab results received. 14 ppm pcb.

0840 hours: Vehicle parked legally over manhole. Owner lives in manhattan. Cleanup will be scheduled for 1/4/2002. Incident changed from 24 hours deminimus to spill unknown oil.

**Map Identification Number 104**



**CON EDISON SERVICE BOX 6513**  
SAINT MARK'S AVE & BROOKLYN AVE

BROOKLYN, NY

**Spill Number: 1002262**

**Close Date: 11/16/2010**  
TT-Id: 520A-0253-734

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 2456 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: SAINT MARKS AVE / BROOKLYN AVE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT – 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 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	
05/27/2010		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
			Units		Units	
TRANSFORMER OIL	PETROLEUM	0.50	GALLONS	0.00	GALLONS	
OTHER	OTHER	200.00	GALLONS	0.00	GALLONS	

Caller Remarks:

Fire was the cause of the spill. Fire is out. Spill is contained. Clean up is in progress.

DEC Investigator Remarks:

05/28/10-Vought-Primary off hours responder. Spill assigned to DEC Feroze as part of routine Con Ed spill portfolio review and possible closure. Initial EMIS #221679 entered into Cross Reference Field, downloaded into e-docs and deleted from proxy.

11/16/10 – Austin – Cable insulation fire generated heat, causing transformer to buckle and release small quantity of oil in vault – Con Ed contained and cleaned up the spill – see eDocs for more information – Spill closed – end

**Map Identification Number 105** **MANHOLE 4581**  
 ST MARKS AT/BROOKLYN AV

BROOKLYN, NY

**Spill Number: 0403776**

**Close Date: 10/04/2004**  
 TT-Id: 520A-0050-052

MAP LOCATION INFORMATION  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2456 feet to the S

ADDRESS CHANGE INFORMATION  
 Revised street: SAINT MARKS AVE / BROOKLYN AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: UNK	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: NEVILLE	Notifier Phone: (212) 580-6764
Caller Name: RON ELLIOTT	Caller Agency: CON ED	Caller Phone: (212) 580-6763
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	
07/08/2004		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:

CLEANUP IS PENDING CREW ARRIVAL. CON ED REF #154241

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL "e2mis no. 154241:

APPROX. 1 QT OF UNKNOWN OIL COMING FROM DUCT ON EAST WALL ON APPROX. 3 GAL'S OF WATER. THIS STRUCTURE WAS TURNED IN FOR OIL ON 7-7-04 INC# 154214 AND CLEANED AS 50-499 ON 7-7-04 SAMPLE RESULTS CAME BACK AS 231 PPM OF PCB. ENVIR OPER. IS GOING TO CHECK ADJOINING STRUCTURE TO TRY AND DETERMINE THE SOURCE OF THE OIL.

#9 REPORTS EMPTY DUCT - BOTTOM NORTH GOING EAST IS NOT A D-FAULT CONDITION.

Lab Sequence Number: 04-05346-001 PCB 5 ppm.

Even though current results are 5ppm clean up will be done as an over 50. The MH is making water. Will arrange meet with UG to complete cleanup.

UPDATE: 7/14/04 - 1145  
 E. WILLIAMS - O.S. - ENV. OPS., REPORTS 2000 GALS OF LIQUIDS WAS REMOVED BY ASTORIA TANKER. STRUCTURE WAS DOUBLE WASHED WITH SAFE WASH. TAG REMAINS UNTIL SECTION OF CABLE IS REPLACED & SPLICED.

UPDATE: 7/27/04 - 1020  
 W. TUDY - ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. NO SUMPS IN STRUCTURE. TAG # 26664 REMOVED. NOTE: SPLICING WAS COMPLETED IN THIS STRUCTURE ON THE MIDNIGHT SHIFT.

**Map Identification Number 106** **PRIVATE RESIDENCE**  
 310 LEWIS AVE

BROOKLYN, NY

**Spill Number: 1214960**

**Close Date: 01/29/2013**  
 TT-Id: 520A-0281-137

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2471 feet to the ENE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RMPIPER

Spiller: BOB CASTORO - PROPERTY OWNER  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: BOB CASTORO

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: 9175782839

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	
01/25/2013		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	

**Caller Remarks:**

Oil delivery on 1/24/13. Fuel company reports homeowner just contacted the oil company about a leak under the tank. Unknown further at this time. Fuel company is enroute to the location.

**DEC Investigator Remarks:**

1/25/13 Sangesland spoke to Bob at Dyno Fuel. He said they made a delivery yesterday. Homeowner just called today to say there is oil coming out of the bottom of the tank. Bob sent a tech to the house with a magnetic patch and will look into repairs/drain/temp tank etc. Ryan Piper going on off hours will call back at 5:30PM

DEC Piper spoke with Bob. Tey only have 100 gal in tank and have patched it. Once they burn off the fuel a new tank will be installed. small spill cleaned. Closed.

**Map Identification Number 107** **MANHOLE 3154**  
 MONROE ST/NOSTRAND AV

BROOKLYN, NY

**Spill Number: 9910930**

**Close Date: 03/28/2002**  
 TT-Id: 520A-0039-752

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2472 feet to the NW

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: CAENGELH

Spiller: UNKNOWN  
 Notifier Name: ME WAYNEWRIGHT  
 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	
12/15/1999		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 IN MANHOLE. CLEAN UP PENDING. CON ED 129-298

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

**Map Identification Number 108** **TM983 - LEXINGTON AV &**  
 TOMPKINS AV

BROOKLYN, NY

**Spill Number: 9902402**

**Close Date: 05/18/2000**  
 TT-Id: 520A-0043-062

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2511 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: LEXINGTON AV / TOMPKINS AV  
 Revised zip code: 11216

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Affected Persons	Notifier Name: MR DELLACROCE	Notifier Phone: (212) 580-6763
Caller Name: JOE DEVOTI	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: JOE DEVOTI	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	
06/02/1999		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:

UNK PETROLEUM PRODUCT IN CON ED VAULT AT ABOVE LOCATION, UNK HOW IT GOT THERE. SAMPLE TAKEN AND CLEANUP IS PENDING LAB RESULTS, CON-ED # 125254.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"  
 CON ED E2MIS NOTES 7-08-99

An undiaperable sheen of unknown oil on 1500 gallons of water in structure. NO sewer connection as per records, sample atken with 4-6 hr. turnaround & stop tag placed. Networks notified to pressure test unit. NO seweres or waterways affected. Cleanup pending pressure & sample test results.

6-02-99 1335hrs Network reports that pressure test was conducted and test was OK

Cleanup complete

Oil, Other 0 Dimension less Contained

PCB 1ppm Contained

Aroclor 1242 1ppm

Aroclor 1254 1ppm

Aroclor 1260 1ppm  
 Aroclor 1242 1ppm  
 aroclor 1254 1ppm  
 Aroclor 1260 1ppm

**Map Identification Number 109** **TRANSFORMER MANHOLE 983** **Spill Number: 9901136** **Close Date: 06/14/2002**  
 LEXINGTON AV & TOMPKINS A BROOKLYN, NY TT-Id: 520A-0043-042

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2511 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: LEXINGTON AV / TOMPKINS AVE  
 Revised zip code: 11216

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name: MR DELLACROCE	Notifier Phone:
Caller Name: STEVE ROMERO	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: CAENGELH	Contact for more spill info: STEVE 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
04/29/1999		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:**

UNK AMOUNT ON 30 GALS OF WATER - CLEAN UP PENDING LAB RESULTS

CON ED#124542

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "ENGELHARDT"

DEC INSPECTOR NOTES

E-Mailed ERTs to fax copy of spill report.

CON ED E2MIS NOTES

An undiaperable sheen of unknown fluid found on 30 gals. of water. Containe dto structure, no sewers or waterways affected. Records show no sewer connection in structure. Records also indicate transformer to 374ppm as of 10-16-86. Unit also pressure tested ok. Liquid sample taken.

Lab Seq#99-04458 <1.0ppm

5-10-99 1200

<1.0ppm cleanup complete, tag removed.

Incident closed.

**Map Identification Number 110** **MANHOLE 4580** **Spill Number: 0404053** **Close Date: 10/06/2004**  
 OPPOSITE OF 803 ST MARKS BROOKLYN, NY TT-Id: 520A-0043-998

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2511 feet to the SSW

ADDRESS CHANGE INFORMATION

Revised street: OPP 803 SAINT MARKS AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT DESK - MANHOLE 4580 Spiller Phone: (212) 580-8383  
 Notifier Type: Responsible Party Notifier Name: RON ELLIOTT Notifier Phone: (212) 580-6763  
 Caller Name: RON ELLIOTT Caller Agency: CON ED Caller Phone: (212) 580-6763  
 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
07/15/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
CABLE OIL	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NO TO THE 5 QUESTIONS, 1 GAL IN THE STRUCTRE AND 2 GAL ON THE STREET, SPILL IS CONTAINED, CONED NUMBER 154345

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"  
e2mis no. 154345:

WHILE PULLING CABLE, REPORTS A SPILL OF APPROX 1 GAL OF CABLE OIL ONTO THE CEMENT FLOOR OF MH4580 AND APPROX 2 GALS OF CABLE OIL ON THE STREET. SPILL IS CONTAINED. CABLE CREW IS PRESENTLY CLEANING UP THE STREET SPILL AS 50-499. AN ENV. OPS. CREW WILL FOLLOW UP ON THE NEXT SHIFT. A CABLE MECH WILL REMAIN ON LOCATION. PCB SAMPLE TAKEN FROM CABLE.

UPDATE 15-JUL-2004 21:49 HRS.  
LSN- 04-05560-001 MATRIX: OIL GRAB: TOTAL PCB 6ppm.

7/16/04 01:50 HRS. -- W. ECKSTEIN OF BROOKLYN ENV OPS REPORTS THAT HE AND D.LICHTENSTEIN DOUBLE WASHED STRUCTURE. NO SUMP. ENV. STOP TAG REMOVED (TAG # 21657 AS PER ORIGINAL INCIDENT REPORT). CLEANUP COMPLETE AT THIS TIME.

<b>Map Identification Number 111</b>	<b>CONSTRUCITON SITE</b>		<b>Spill Number: 0703125</b>	<b>Close Date: 06/18/2007</b>
	494 HALSEY STREET	BROOKLYN, NY		TT-Id: 520A-0038-144
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: PARCEL MAPPING (1)		Revised street: NO CHANGE		
Approximate distance from property: 2527 feet to the ENE		Revised zip code: NO CHANGE		
Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: CESAR GARCIA - CONSTRUCITON SITE	Spiller Phone: (212) 689-4520		
Notifier Type: Other	Notifier Name:	Notifier Phone:		
Caller Name:	Caller Agency:	Caller Phone:		
DEC Investigator: smsanges	Contact for more spill info: CESAR GARCIA	Contact Person Phone: (212) 689-1520		

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
06/15/2007		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
KEROSENE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Complaint says construction company on site is using mixture of kerosene and water to wash down cement foundation/walkway on site.

DEC Investigator Remarks:

Anonymous caller - no callback info.  
forwarded to ECO's for drive by inspection

**Map Identification Number 112** **SERVICE BOX #32169** **Spill Number: 0310901** **Close Date: 02/03/2004**  
 255 PUTNAM AVE BROOKLYN, NY TT-Id: 520A-0044-522

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2547 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:  
 Notifier Type: Responsible Party Notifier Name: MR. DELACROCE Notifier Phone: (212) 580-6763  
 Caller Name: RON ELLIOTT Caller Agency: CON ED Caller Phone: (212) 580-6763  
 DEC Investigator: JHOCONNE Contact for more spill info: RON ELLIT 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
12/22/2003		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:

2 QUARTS OF AN UNKNOWN OIL IN SERVICE BOX. CLEAN UP DELAYED DUE TO PARKING ISSUES. ANTICIPATED START DATE FOR CLEAN UP WILL BE 12/25/03.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL" e2mis no. 151-491:

22-DEC-2003 0915HRS BRINDISI I & A SERVICE # 85877 REPORTS FOUND 2 QTS UNKNOWN OIL ON 5 GALLONS WATER IN SB32169. IT APPEARS TO BE CONTAINED TO STRUCTURE. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. TOOK SAMPLE.

LAB RESULT RECEIVED 12/22/03 - 1831 HRS. 03-10132. <1.0 PPM.

12/29/03=1130HRS VEGA ENVIR OPPS REPORTS CLEANUP COMPLETED. DOULBED WASHED STRUCTURE USING BIO-GEN 760.NO SUMPS OR DRAINS FOUND.

**Map Identification Number 113** **451 HALSEY STREET**  
 451 HALSEY STREET

BROOKLYN, NY

**Spill Number: 0708170**

**Close Date: 01/09/2008**  
 TT-Id: 520A-0210-486

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2552 feet to the ENE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Local Agency  
 Caller Name:  
 DEC Investigator: jbvought

Spiller: JAMES ROVE  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: JAMES ROVE

Spiller Phone: (718) 574-4044  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (718) 574-4044

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	
10/26/2007		OTHER	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	AIR

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**Caller Remarks:**

NIEGHBOR HAS AN OIL SPILL IN HIS BASEMENT AND ABOVE PERSON CAN SMELL IT:

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**DEC Investigator Remarks:**

10/26/07-Vought-Off hours responder. Vought never received page from hotline but as per hotline Vought was paged twice. Vought performed site visit and spoke to James Rove as as per Rove, oil was delivered next door (453 Halsey) yesterday and since delivery oil vapors were prominent at his residence (451 Halsey). As per Rove he contacted FDNY and NYPD who were onsite this morning and left site. FDNY applied sand. During inspection Vought found 275-gallon #2 fuel oil AST in basement with fresh petroleum staining around gauge and down sides of tank. Fuel oil ran over concrete floor and into dry sump in basement. Source building is four story residential brownstone. Heavy odors in basement apartment (resident is Alicia 646-523-0234). As per Alicia owner is Ellen (917-544-3542) and super is Eddie (718-789-9270). As per Alicia children also live upstairs in building. Vought also spoke to resident on third floor (Yohani 347-750-6226)and she also complained of vapors. Vought left message with Ellen to return call to DEC immediately or PIN contractor would be hired due to vapor impact to building compounded by day being Friday to prevent spill from not being cleaned up over weekend. Vought called Eddie and left message to return call immediately.

DEC requires: 1)Removal of impacted sand 2)digging of sump and washing of floor.

10/30/07-Vought-Received call from Renee Lewis and his company (Alliance) confirmed that impacted soil was removed including from impacted drywell totalling 75 bags and one endpoint sample was required as per DEC Vought. Impacted floor was also washed by Lewis and he will submit soil analyticals for case closure.

12/7/07-Vought-Received call from Renee Lewis and he faxed info to DEC Piper.

01/09/08-Vought-Reviewed fax submitted after call from Lewis and fax included scope of work including removal of 45 bags of contaminated soil, discovered vent line had been broken and cemented over, replaced vent line from tank top to building, washed area with degreaser and odor kill to eliminate odors and collected and analyzed one endpoint sample. Sample analyticals also submitted that show no TAGM 4046 Soil Cleanup Objective exceedences. Report requests closure. Spill closed by Vought due to clean endpoints and washing of floor.

**Map Identification Number 114**

**APARTMENT - MISC**  
850 ST MARKS PLACE

BROOKLYN, NY

**Spill Number: 0413104**

**Close Date: 11/02/2006**

TT-Id: 520A-0043-983

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2563 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: 850 SAINT MARKS AVE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: ISA GREENE - APARTMENT	Spiller Phone: (646) 320-5388
Notifier Type: Other	Notifier Name: NEILTOMASETTI	Notifier Phone: (718) 378-7000
Caller Name: NEILTOMASETTI	Caller Agency: AL EASTMANS AND SONS	Caller Phone: (718) 378-7000
DEC Investigator: rjfeng	Contact for more spill info: ISA GREENE	Contact Person Phone: (646) 320-5388

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
03/16/2005		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:

A FRESH STAIN BUT NO PUDDLE ON FLOOR; MAYBE A RETURN LINE:

DEC Investigator Remarks:

03/16/05 Sharif- spoke to Mr. Neil Tomasetti of Eastmond. According to him, it was not a spill-only small stain on the wall in a room beside boiler room . Nothing built up on the floor.No source of the stain identified. Property owner is responsible to clean up the stain.

03/30/05- SR// visited the site.Wet stain affected approx. 4\*6' patch on the wall in the community room beside boiler room.There is a #6 oil underground storage tank just outside of the wall.Probably oil from leaked pipe line/tank system seeped through the soil and brick structure.Have been advised to hire a consultant for proper investigation of the matter.

05/18/05-SR//Have not received any information regarding the spill and contamination found. Called Ms. Irsa Green, (646 320-5388, 646-456-4320) couple of times, she never got back to dec.

09.16.05 SR// Recvd invoice of tank cleaning and removal of tank. Found contamination at pipe building intersection and pipe-tank intersection. Eastmond like to close the tank in place. They are told to take Samples(4/5) from bottom of the tank, excavate more to hit clean soil at the previous location,send DEC site plan, color photographs and new tank registration certificate.A tank closure report delineating the complete contamination spreaded on the opposite of the basement wall and adjacent environment should be prepared as per DER-10 Technical Draft.

10.25.05 Sharif- Received analytical result of the samples without any scaled site plan/description of the samples spot or any proper documentation that describes the level of contamination that might have been the result of that tank system failure. I asked for photographs of the excavated pipeline and tank area, and tank registration documents.

11.30.05 Sharif//Rec'd a call from Ms.Regina Gardener, a share holder, saying they are installing a new tank at the site.

1/3/2006 – Feng – File reviewed by Feng and summarized:

- 1) On 3/30/2005, DEC Rahman inspected the site. Wet oil stain (black, viscous) on the wall in the "community room" was observed.
- 2) A 5000-gallon #6 oil UST was outside the room. Petroleum released from the pipeline/tank system and seeped through the soil and brick structure causing the wet stain on the wall was suspected.
- 3) On 7/18/2005, UST was emptied and cleaned. The interior surface was visually inspected and no perforations were reported.
- 4) On 8/17/2005, contaminated soil and pipes (entry from the tank to inside the building foundation wall, partial corrosion on the fuel oil tank top at the pipe entry to the tank. return line to the tank was pitted very badly and sustained very minimal leakage) were excavated and disposed of. Soil samples were provided. But no scaled site plan was provided.
- 5) On 9/28/2005, entered the tank and obtained the samples from beneath and alongside the tank. Soil samples results provided. But no scaled site plan provided. And requested spill closure.
- 6) DEC Rahman asked for photographs of the excavated pipeline and tank area, and tank registration documents. But none were submitted to file.

1/3/2006, contacted Neil Tomasetti (Eastmond & Sons, 718-378-3000) for scaled site plan.

10/17/2006 – Feng – Sent letter to Irsa Greene and required 1) site map of soil removal area and samples location, 2) tank closure report, 3) update PBS record. The investigation/remedial action report to be submitted by 12/4/2006. (RJF)

11/1/2006 – Feng – Reviewed Tank Closure Report, 10/26/2006, by Eastmond. The tank was emptied, gas free cleaned. The interior surface was inspected and found no penetration. Soil in the walkway where the pipe runs from the tank to the building was excavated down to 8' and one soil sample was collected, analytical results show VOCs concentration within the TAGM. Soil samples also taken from the area beneath the tank. Sampling depth 9' bg (6' tank diameter). Holes were drilled into and through the tank bottom and 6 soil samples were collected. Analytical results within TAGM.

Couldn't contact Irsa Greene via the phone number in the PBS record. Sent a letter and enclosed an PBS application form to Irsa Greene for updated information of the site. (RJF)

11/2/2006 – Feng – Discussed with DEC J. Sun. Spill closed for 1) the leaking pipe which run from the tank to the building and the contaminated soil in that area has been removed down to 8' bg, endpoint sample is low. 2) the tank is cleaned and closed in place, 6 soil samples collected from the tank bottom (9' bg) show low contamination level. Noted that based on the soil samples result, no groundwater sample has been collected for this site. NFA issued and cc to Eastmond. (RJF)

**Map Identification Number 115** **APT BLDG**  
 1249 PACIFIC ST

BROOKLYN, NY

**Spill Number: 0812215**

**Close Date: 12/04/2009**  
 TT-Id: 520A-0226-091

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2565 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: RMPIPER

Spiller: UNKNOWN  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: RAY LARA

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone: (646) 772-6884

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	
02/09/2009		UNKNOWN	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	

Caller Remarks:

CALLER STATES THAT ABOUT 50 GALLONS OF PRODUCT SPILLED IN THE BASEMENT. UNK CIRCUMSTANCES SURROUNDING THIS SPILL, CLEAN UP IS PENDING.

DEC Investigator Remarks:

DECPiper recieved call off hours. I spoke with Ray Lara at PTC. They were contracted to cleanup a 50 gal spill at the residence due to an overfill. G & D was subcontracted by Castle. I recieved a call from Ray at PTC stating that they were thrown off job as G & D would handle it internally. I left a message for Rob Hill at Castle and I responded to site. upon arrival, there was no one there. there was a faint smell of fuel oil near the basement.

2/10/9- I spke with Rob Hill. He was not in yesterday so he got back to me after 10 min. Apparently only 2-33 gallons spilled onto concrete floor. It was cleaned up. I spoke with homeowner and she stated it is cleaned though odors still exist.

Ms .Perkins will notify dept if odors persist. Closed.  
 H/o- Ola Mae Perkins- 718-493-1777

G & D 718-439-6335

**Map Identification Number 116** **SERVICE BOX 20307**  
 453 HALSEY ST

BROOKLYN, NY

**Spill Number: 0012025**

**Close Date: 07/11/2001**  
 TT-Id: 520A-0046-413

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2568 feet to the ENE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Affected Persons  
 Caller Name: CHARLIE MCCARTHY  
 DEC Investigator: KMFOLEY

Spiller:  
 Notifier Name: CHARLIE MCCARTHY  
 Caller Agency: CON EDISON  
 Contact for more spill info: CHARLIE MCCARTHY

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
02/08/2001		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:**

ON 100 GALS WATER - 2 QT TOTAL QUANTITY SAMPLES TAKEN AND CLEANUP

PENDING RESULTS - CON ED # 135430

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "FOLEY"  
 DEC INSPECTOR'S NOTES

**CON ED E2MIS REPORT**

2qts. unknown oil on 100gals. of water in structure. Spill is contained to structure. Also found, smoking secondary rubber crab which has not affected the oi/water in the structure. Also no PILC cable involved. Two samples taken, 1 marked for PCb the other

for oil ID and marked priority. Env. tag placed, no sewers or waterways affected.

Update 2-08-01 21:05hrs.

Analysis indicates the sample is similar to a light fuel oil.

2-12-01 16:40hrs.

Double washed structure, removed tag, no sump found. Cleanup completed.

2-15-01 0920hrs.

Cleanup completed by double washing structure with slix. Liquids were removed by tanker and solids by vactor. no leaking xompany equipment, incident closed.

**Map Identification Number 117** **BKLYN CHILDRENS MUSEUM**  
 145 BROOKLYN AVE

BROOKLYN, NY 11213

**Spill Number: 0503152**

**Close Date: 11/02/2005**  
 TT-Id: 520A-0044-015

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2583 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER  
 Notifier Type: Other  
 Caller Name: JAMES ROMEO  
 DEC Investigator: rvketani

Spiller: JAMES ROMEO - CONSTRUCTION SITE  
 Notifier Name: JAMES ROMEO  
 Caller Agency: NYC-DDC  
 Contact for more spill info: JAMES ROMEO

Spiller Phone: (212) 922-0077  
 Notifier Phone: (718) 391-1218  
 Caller Phone: (718) 391-1218  
 Contact Person Phone: (718) 391-1218

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	
06/15/2005		OTHER	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

WHILE DIGGING FOUND SOME CONTAMINATED SOIL:

---

DEC Investigator Remarks:

Sangesland spoke to James Romeo of DDC.

While digging for a new foundation near an emergency generator unit they smelled diesel fuel. There was no tank there, it was a small generator with a small built in tank that was filled by hand. Apparently over time there were either spills to the cement pad and then down onto the soil around this generator pad, or there may have been a small leak in the generator itself.

Approx 80 yards of soil has already been stockpiled and more digging is required. Liro Engineers is the environmental contractor for the site. Once they finish the excavation work, end point samples will be taken and a closure report will be prepared.

Contaminated soil letter sent to:

James Romeo  
DDC – Technical Support – 5th Floor  
30–30 Thomson Ave  
Long Island City, NY 11101

James Romeo forwarded CSL to the RP:

Linda Adams  
Brooklyn Childrens Museum  
145 Brooklyn Ave  
Brooklyn, NY 11213.  
718–735–4400 x 129.

10/26/05 – Austin – Project reassigned from Krimgold to Ketani – end

10/28/05 – Raphael Ketani. Linda Adams of the Brooklyn Children’s Museum called me to say that she just sent the remediation report to Jake Krimgold of Spills. She said LIRO did the excavation/cleanup work and removed 59 tons of contaminated soil. She said they tested the soil and disposed of it. Ms. Adams added that the DDC recommended closure of the spill case and that if I have any questions, I can call her any day except wednesday.

11/2/05 – Raphael Ketani. I received the Remedial Action Report from LiRo Engineers and I am reviewing it.

I finished my review of the Remedial Action Report and, based upon the low VOC and SVOC concentrations, I am closing the spill case.

**Map Identification Number 118** **OIL SPILL ON TRUCK**  
 480 LEXINGTON AVE

BROOKLYN, NY

**Spill Number: 1202397**

**Close Date: 06/11/2012**  
 TT-Id: 520A-0273-590

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2587 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:  
 DEC Investigator: JBVUGHT

Spiller: UNKNOWN AT THIS TIME  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: DULISSE

Spiller Phone:  
 Notifier Phone:  
 Caller Phone:  
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/2012		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	0	UNKNOWN	0	UNKNOWN	IMPERVIOUS SURFACE

**Caller Remarks:**

1200 THE CALLER ADVISED DISPATCH THE SPILL HAS BEEN CLEANED UP. NO WATER OR SOIL IMPACTED.

**DEC Investigator Remarks:**

6/11/12-Vought-Off hours primary responder. Vought called and spoke to FDNY Dulisse (Ph:347-539-0559) and he noted that spill was on rear of flatbed truck and was heating oil and that FNDY citing driver for improper transport of fuel. Spill cleaned by FDNY via absorbent material. Spill on truck and did not affect concrete, sewer or soil. Spill closed by Vought.

**Map Identification Number 119** **959 ST. MARK'S AVE/BKLYN**  
 959 ST. MARK'S AVENUE

NEW YORK CITY, NY

**Spill Number: 8910011**

**Close Date: 01/19/1990**  
 TT-Id: 520A-0043-990

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2589 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: 959 ST. MARKS AVENUE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller:	Spiller Phone: (718) 858-3900
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: BILL	Caller Agency: PETRO TANK CLEANERS	Caller Phone: (718) 624-4842
DEC Investigator: SIGONA	Contact for more spill info:	Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
01/19/1990	01/19/1990	UNKNOWN	2-085715	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

PETROLEUM TANK CLEANERS TO DO CLEAN UP, FUEL IN BASEMENT & OUTSIDE BLDG BY VENT PIPE, SOME OIL IN SUMP, PETRO TANK CLEANERS WILL VAC OUT TANK ROOM & SUMP, SPEEDY DRY BEING APPLIED.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

<b>Map Identification Number 120</b>	<b>ROADWAY</b>	<b>Spill Number: 1009732</b>	<b>Close Date: 12/13/2010</b>
	LEWIS AND PUTNAM AVE	BROOKLYN, NY	TT-Id: 520A-0259-573

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2602 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: LEWIS AVE / PUTNAM AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency: LAZZARI	Caller Phone:
DEC Investigator: RMPIPER	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: 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
12/12/2010		UNKNOWN	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:

1/8 mile long sheen on road surface/clean up crew en route with sander

DEC Investigator Remarks:

FDNY Hazmat on scene. No RP. Road will be lightly sanded by sanitation. Closed.

Map Identification Number 121

TM 960

PUTNAM AVE/LEWIS AVE.

BROOKLYN, NY

Spill Number: 0500920

Close Date: 07/05/2005

TT-Id: 520A-0039-243

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 2602 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN  
 Notifier Type: Other  
 Caller Name: PETE MCGUIRE  
 DEC Investigator: SKARAKHA

Spiller:  
 Notifier Name: MR. HOGAN  
 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 - 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
04/22/2005		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:

Crew is responding to cleanup.  
 Transformer is in the manhole – unknown if it's involved.

Ref. 158219

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 DEC Investigator Remarks:

e2mis no 158219

FOD DEPT. SR. FIELD OPER. T. BULLEN EMP# 17094 REPORTS: FOUND WHILE ON LOCATION SHOOTING FAULT ON FEEDER 5B31, APPROX. 50 GALS OF UNKNOWN OIL IN A DRY CONCRETE FLOOR. NO WATER. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. THE SPILL APPEARS TO BE CONTAINED. OWNER OF SUBSTANCES IS UNKNOWN. NO KNOWN SUBSTANTIAL CRACKS IN STRUCTURE. ENVIR. TAG# 31500 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL.

4/22/05 01:15 HRS. --- TRANSFORMER INFORMATION FROM E.C.C. WAREHOUSE  
 Serial ID: H318269, MFG Code: GE, KVA: 500, Install Date: 01/01/1971, Mfr. Date: 05/01/1971  
 HISTORICAL PCB RESULTS: Sample Date: 10/23/1997, PPM: 12, LAB SEQ # 97-12661.

LAB RESULT RECEIVED 4/22/05 - 0557. 15 PPM. TJ - 50495

UPDATE: 4/22/05 - 0630. AS PER K. SUDOL - SHIFT MANAGER, THIS TRANSFORMER IS THE FAULT ON THIS FDR (5B31) AND HAS BEEN CONDEMNED. TJ - 50495

UPDATE: 4/22/05 - 1400. E. WILLIAMS - O.S. - ENV. OPS., REPORTS 3 DRUMS OF SOLID WASTE REMOVED FROM STRUCTURE AND 1 TRIPPED BACK TO 3RD AVE YD. STRUCTURE DOUBLE WASHED WITH BIO GEN 760. NO SUMPS OR DRAINS IN STRUCTURE. DRAIN VALVE EXPOSED. BQE & TANKER ON LOCATION TO DRAIN UNIT. TJ - 50495

4/22/05 18:55 HRS. --- CRAIG MURDAUGH #18627 OF BROOKLYN/QUEENS EQUIPMENT GROUP REPORTS HE RELIEVED A.M. CREW TO DRAIN UNIT. TANKER REMOVED APPROX. 5 GAL. OF OIL FROM TRANSFORMER. PLATE OF TRANSFORMER STATES OIL CAPACITY IS 255 GAL. SINCE ORIGINAL SPILL REPORT WAS 50 GAL., THIS LEAVES APPROX. 200 GAL OF OIL UNACCOUNTED FOR. INCIDENT UPDATED AND C.I.G. WILL BE NOTIFIED.

4/22/05 19:06 HRS. --- NOTIFIED L. COSTA OF C.I.G. --- W.W. #17344 ---

UPDATE: 16-MAY-2005 1710HRS TUDY ENVIROMENTAL OPS REPORTS DOUBLE WASHED STRUCTURE WITH BIO GEN 760. REMOVED ALL LIQUID AND DEBRIS. NO SUMP IN STRUCTURE. REMOVED ENVIROMENTAL STOP TAG # 31500. JOB COMPLETE 100%. JR78448

UPDATE MAY 17 0230 HRS PER FDR REP E. LAPP UNIT WAS REMOVED ON 5/16 E.VESCE.

Closed. 7-5-05. George Breen

**Map Identification Number 122** **MANHOLE #SB33306** **Spill Number: 0305049** **Close Date: 09/19/2003**  
 IFO 1224 PACIFIC ST BROOKLYN, NY TT-Id: 520A-0043-810

**MAP LOCATION INFORMATION**  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2635 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: MS NEVILLE Notifier Phone: (212) 580-6763  
 Caller Name: MARK SCHLAGEL Caller Agency: CON EDISON Caller Phone: (212) 580-6763  
 DEC Investigator: SKARAKHA 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
08/12/2003		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 QT OF UNKNOWN OIL ON 3 GLS OF WATER. CLEAN UP PENDING CREW. CON ED #149752.

DEC Investigator Remarks:

e2mis no. 149-752:

8/12/03 - 0905

APPROX 1 QT OF AN UNKNOWN OIL ON APPROX 3 GALS OF WATER IN SB3330. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO SEWER CONNECTIONS. NO SUMPS. PCB SAMPLE TAKEN.

UPDATE - 8/13/02 - 0110HRS

CHECKED WITH CHEM LAB FOR RESULTS. THEY CANNOT FIND SAMPLE AT CHEMLAB AS PER TENYA BLACKWELL. WILL NEED TO FIND OUT FROM C. BAXTER WHAT HAPPENED TO SAMPLE AND RE-SAMPLE STRUCTURE IF NECESSARY.

UPDATE- 13-AUG-2003 08:42 HRS.

I&A DEPT. MECH-A C.BAXTER EMP# 11547 REPORTS:

SAMPLE RE-TAKEN FROM STRUCTURE. SUPV. NOTIFIED TO TAKE SAMPLE TO CHEM LAB.

UPDATE\*\*\*\*\* 13-AUG-2003 09:30HRS D. HEARNS REPORTS, J. SAUER OF CHEM LAB (SUPERVISOR) REPORTS, ORIGINAL

SAMPLE RECEIVED, NOT ENOUGH LIQUID. M. BAPTISTE O.S OF I&A REPORTS, NEW SAMPLE TAKEN AND WILL TAKE IT TO CHEM LAB. S.PACE

49874.000

8/13/03 16:25 HRS.

LAB SEQ # 03-06670, CHAIN OF CUSTODY FORM DD-07351, 3 PPM - AROCLOR 1254.

UPDATE\*\*\*\*\* 8-14-03 10:50HRS DOUBLE WASHED STRUCTURE WITH 760 BIO GEN, REMOVED SOLIDS AND ONE BUCKET OF

E.P.S. NO SUMP FOUND AND JOB IS 100% COMPLETED. S.PACE 49874.



**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 123**      **MACON PLAYGROUND**      **Spill Number: 9913726**      **Close Date: 04/03/2000**  
      MACON ST & TOMPKINS AVE      BROOKLYN, NY      TT-Id: 520A-0039-787

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 114 feet to the NW\*

ADDRESS CHANGE INFORMATION

Revised street: MACON ST / TOMPKINS AVE  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN	Spiller: UNKNOWN	Spiller Phone:
Notifier Type: Police Department	Notifier Name:	Notifier Phone:
Caller Name: LOUIS PERRETTA	Caller Agency: NYC PARKS POLICE	Caller Phone: (718) 383-6363
DEC Investigator: SIGONA	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
03/06/2000		DELIBERATE	YES	NO

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
ASBESTOS	HAZARDOUS MATERIAL	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

BLACK BAG WITH WHAT IS BELIEVED TO BE ASBESTOS FOND ON PLAYGROUND. REQ DEC TO SCENE.

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:

DEC Sigona called Parks Dept Louis Perretta, who already notified DEP and NYCFD Haz Mat. Parks Department said there were 3 x 55 gallon drums on the site. Parks would hire contractor to remove drums if they are non-hazardous waste under their contract.

On 3/6/2000 DEC Sigona spoke to Parks Dept who said that the drums were empty according to DEP. No action necessary to cleanup or remove the drums. Aesbestos will be investigated by DEP.

**Map Identification Number 124** **SPILL NUMBER 9812403** **Spill Number: 9812403** **Close Date: 02/24/1999**  
 202 MACON ST BROOKLYN, NY TT-Id: 520A-0042-260

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 163 feet to the ENE\*

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: PAUL SCAROLA - PETRO ASTORIA	Spiller Phone: (718) 628-3351
Notifier Type: Responsible Party	Notifier Name: MR GOODWIN	Notifier Phone: (718) 622-1475
Caller Name: PETER BULLA	Caller Agency: PETRO ASTORIA	Caller Phone: (718) 628-3348
DEC Investigator: SMSANGES	Contact for more spill info: MR GOODWIN	Contact Person Phone: (718) 622-1475

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		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	10.00	GALLONS	SOIL

**Caller Remarks:**

DRIVER WENT TO WRONG ADDRESS AND DELIVERED FUEL TO WRONG HOUSE. DRIVER PUMPED OIL INTO RESIDENCE'S FINISHED BASEMENT. PETRO IS DOING CLEAN UP.

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "SANGESLAND"

**Map Identification Number 125** **PVT DWELLING**  
 57 MACDONOUGH ST

BROOKLYN, NY

**Spill Number: 1100268**

**Close Date: 04/12/2011**  
 TT-Id: 520A-0261-956

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 291 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: 57 MAC DONOUGH ST  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Other  
 Caller Name:  
 DEC Investigator: HRPATEL

Spiller: PVT DWELLING  
 Notifier Name:  
 Caller Agency:  
 Contact for more spill info: UNKNOWN

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 - 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	
04/08/2011		HUMAN ERROR	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	
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	

Caller Remarks:

spill to inside and out /clean up complete

DEC Investigator Remarks:

Sangesland spoke to FD Captain who was at the site. Over fill of a tank. Some drips inside basement plus spill from ventline onto sidewalk, street. ConEd manhole may have been impacted (ConEd on site checking).  
 FD completed cleanup inside and out. Swept up all speedie dry and left it at the curb for sanitation.  
 Austin sent Patel to confirm cleanup, but there was still a problem.  
 S&J Fuel is responsible.

04/08/11-Hiralkumar Patel.

2:20 PM:- visited site. oil spilled from building 57 Macdonough Street (not from 59 Macdonough Street as FDNY reported). so changed site address from 59 Macdonough st to 57 Macdonough st.

met Lewis Leonard, owner's father who lives in the building 57. inspected basement. strong petroleum odors noticed in basement

and first floor. site has one 275 gal AST on legs. found oil spilled from joints on pipes on top of tank and oil spilled around tank. floor in the spilled area was broken. found speedy dry sprayed in front yard (from the fill/vent line location), on sidewalk and on street (along curbside). Mr. Leonard mentioned that his neighbour Nathan Clark saw S&J Fuel delivering oil to the building at around 8:30 AM this morning. spoke with Mr. Clark. he confirmed that he saw S&J Fuel truck standing in front of the house and hose was running to building. he also mentioned that one other neighbour noticed oil running along street and notified fire department. Mr. Leonard mentioned that his neighbour who lives three doors away is a fireman and he saw spill. oil spilled from vent line into the hatch going into basement.

during visit, found cable crew working on street. they were installing a new cable under the sidewalk along the curb line. oil spill happened before they arrived at the site at 9 AM.

based on observation of impacted area, about 30–35 gal of oil spilled.

2:45 PM:– spoke with Gary Allen, delivery manager at S&J Fuel. Gary mentioned that Mr. Leonard is their on–call customer (not automated delivery). after talking to truck driver, Gary refused to take responsibility as driver went to deliver at 97 Macdonough Street (not 57 Macdonough Street).

Michelle Lewis           \*\*property owner\*\*  
Ph. (240) 423–4399

Lewis Leonard           \*\*owner's father who lives at the site\*\*  
PH. (321) 746–1760

Nathan Clark           \*\*eyewitness\*\*  
Ph. (917) 639–6719

Gary Allen  
S&J Fuel  
601 Union Street  
Brooklyn, NY 11215  
PH. (718) 855–6060  
email: port@sjfuelco.com

3:30 PM:– after talking to DEC Austin, went to S&J Fuel's office. ECO Neil Stevens also responded. met with Gary and Thaniel Beinert (attorney for oil company). Gary refused responsibility and wanted to check truck's inventory.

4:30 PM:– truck driver Sciabaca Vincent arrived at office. as per Mr. Vincent, he did not delivered to building 57. checked truck's inventory and delivery record and found about 31 gal short. also found few delivery tickets (# 179/180, 184/185, 193/194) missing. also the delivery ticket # 177/178 was found on two tickets: one for 97 Macdonough Street and one for delivery after building 97.

truck inventory:

as per Gary, amount of oil in truck last night (04/07/11): 1,100 gal. truck received two deliveries: 5,598 gal and 4,543 gal. so, input was total of 11,241 gal.

according to the delivery ticket amount, driver delivered total of 7,760 gal oil and at the end of the day, truck had about 3,450

gal oil in it. as per inventory, truck should have 3,481 gal oil, but had only 3,450 gal in it.

Gary argued that as per the on-truck's meter reading, there is no mismatch. as per Gary, last night meter was reading 4178835 and now it reads 4186595. based on meter reading, truck delivered total of 7,760 gal which match the record. but the last night's meter reading was hand written and there was no meter printout to confirm last night's number.

during conversation, Gary mentioned that FDNY called them this morning about the spill, but they did not reported spill to DEC as they don't take responsibility.

S&J fuel sent cleanup crew to the site. informed Gary that the Department requires tightness test of the entire tank system after necessary repairs are made.

Thaniel Beinert      \*\*S&J Fuel's attorney\*\*  
Ph. (718) 921-6601  
    (917) 816-0001 (C)  
Fax (718) 921-6609

5:45 PM:- went back to the site with ECO Stevens. cleanup crew removed dirt from the impacted area and found concrete underneath the dirt. no leak observed from the tank itself, but needed tank system test. no odors noticed after cleanup. a blower was installed in basement. fill port was sealed temporarily to avoid any delivery to tank as pipe joints are not tight.

6:08 PM:- spoke with Gary and informed him that based on floor condition, no subsurface investigation is needed. but the department requires powerwash of the impacted stained concrete floor in basement and tank system test after necessary repairs are made. asked him to keep blower running in basement for tonight and that can be removed when they return for tank system test.

04/11/11-Hiralkumar Patel.

9:18 AM:- left message for Gary at S&J.

10:55 AM:- spoke with Gary. he confirmed that power wash was done on 04/09/11 and Riteway is doing tank test today and remove 1 drum of contaminated debris.

11:02 AM:- spoke with Anthony at Riteway. he is going to do tank test today and will remove drum also.

11:16 AM:- after discussing with DEC Austin and legal, forwarded spill notes to legal.

04/12/11-Hiralkumar Patel.

2:20 PM:- spoke with Joe at Riteway. they did system test and system passed. they also removed the drum. asked Joe to submit tank test result.

2:28 PM:- received fax from Joe including tank test result.

based on observations during the site visit and document submitted, case closed.

\*\*refer to spill #: 1100279 also.\*\*

**Map Identification Number 126** **SERVICE BOX 28442** **Spill Number: 1100279** **Close Date: 05/03/2011**  
 IN FRONT OF 55 MACDONOUGH ST BROOKLYN, NY TT-Id: 520A-0261-955

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 308 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: 55 MAC DONOUGH ST  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: THIRD PARTY Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: HRPATEL 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	
04/08/2011		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	

**Caller Remarks:**

clean up pending

**DEC Investigator Remarks:**

04/08/11-Hiralkumar Patel.  
 1:12 PM:- spoke with ConEd ERT. they found about 1 gal in the service box.  
 duplicate spill. oil spilled from vent pipe at building 57 Macdonough Street. oil ran along curbside into service box. refer to spill #: 1100268 for further details.  
 5/3/11 - Austin - Vault cleaned of fuel oil by Con Ed - Con Ed contained and cleaned up the spill - See documents in eDocs for further details - Spill closed - end

**Map Identification Number 127** **HALSEY ST & TOMPKINS AVE**  
 HALSEY ST & TOMPKINS AVE

BROOKLYN, NY

**Spill Number: 9608595**

**Close Date: 12/12/1997**  
 TT-Id: 520A-0039-469

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 359 feet to the NNW

**ADDRESS CHANGE INFORMATION**

Revised street: HALSEY ST / TOMPKINS AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Responsible Party  
 Caller Name: LISA PRIMEGGIA  
 DEC Investigator: JHOCONNE

Spiller: CALLER - CON ED  
 Notifier Name: MR HOWELL  
 Caller Agency: CON ED  
 Contact for more spill info: CALLER

Spiller Phone:  
 Notifier Phone: (516) 822-1189  
 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	
10/09/1996		EQUIPMENT 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:**

SOME WENT INTO SEWER UNK AMOUNT/BEING CLEANED UP AT THIS TIME

no product ever entered the sewer update at 22-10 pm

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

12/9/97: RECEIVED CALL FROM MACK ENVIRONMENTAL (SHARON HALL, 1-800-625-6677) REQUESTING INFORMATION ON THIS SPILL. IT WAS RECENTLY REASSIGNED FROM KATZ, AND WE HAVE NO INFO ON IT. CALLED CON ED ERT (STAN PISZCZATOWSKI) FOR UPDATE. HE WILL CALL BACK.

12/12/97: REC'D CALL BACK FROM GLENN NEWELL - SPILL WAS 12 GALLONS OF HYDRAULIC FLUID WHICH LEAKED FROM A CON ED TRUCK. WENT INTO A CATCH BASIN - WAS SUSPECTED TO HAVE ENTERED SEWER. UPON INSPECTION, FOUND IT WAS A WATER TURN-ON VALVE BOX - NO CONNECTION TO SEWER. CLEANUP WAS COMPLETED @ 2125 HRS ON DATE OF SPILL.

**Map Identification Number 128** **GROUND TRANSFORMER 2474** **Spill Number: 9905801** **Close Date: 10/12/1999**  
 **DECATUR ST & THOMPSON** **BROOKLYN, NY** **TT-Id: 520A-0043-119**

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 464 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: DECATUR ST / TOMPKINS AVE  
 Revised zip code: 11216

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MIKE CESARE – CON EDISON Spiller Phone: (212) 580-6763  
 Notifier Type: Responsible Party Notifier Name: MR WAINWRIGHT 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: 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	
08/13/1999		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIELECTRIC FLUID	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

caller states that a transformer malfunctioned causing a spill of 200 gal of dielectric fluid clean up is in the process poss 10 ppm pcb no callback necessary coned#127224

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL" Saccacio – Responded and oversought the tanker truck operation. The transformer was leaking from the bottom so every time they sucked the material out of the vault, it would recharge from the transformer. There were no drawings available to check to see if this vault had a sump or sewer connection. This continued after I had left the scene. I instructed them to call me when they were done emptying the vault except if they hadn't got the sample results back by then. I spoke to Dave Perez later that night and he confirmed that they had gotten the sample results back confirming the oil had less than 50 ppm PCB.

**Con ed e2mis notes:**

200 gal oil leaked from transformer in TM-2474 (feeder 6B55), c/o Decatur St, 35' e/o Tompkins Ave. Source determined as transformer because it was found to be below minimum oil level. Liquid sample taken on 4-6 hour priority turnaround. Historical PCB count in 10ppm, R.Consentino on location, reports that Dave Perez ERT on location along with Steven Saccacio DEC – they are

overlooking job at this time. Env. Ops crew and tanker in process of removing all free flowing oil. Cosentino discussed with D.Perez that the sample was free-flowing oil from unit and if results come back greater than 50 ppm, a sample from the transformer will be required. Will need Networks to provide info on capacity of oil in transformer and amount of oil drained into tanker, in order to determine amount of oil missing. Cosentino reports all free flowing oil has been removed by tanker, transformer is leaking oil from bottom and tanker is continuing to remove oil at this time. Lab Seq# 99-08518, 2ppm pcb, at this time 265 gal. oil and removed by tanker, cleanup is in progress. Flush cleaned network protector side of unit he also found a sewer drain which clogged and not draining into the sewer system. K. Kavanagh o.s. flush reported oil clean up completed and oil tag will be left in place until trans. is replaced and sewer drain was sealed. Trans is now being drained by networks crew. They drained all oil from transformer. Removed 135 gallons of oil from transf. info plate indicates there is 255 gallons in transf. The floor drains were sealed with cement permanently.

**Map Identification Number 129** **HOME** **Spill Number: 1307173** **Close Date: 04/08/2014**  
 306 HALSEY ST BROOKLYN, NY TT-Id: 520A-0293-246

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 541 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: DANDRIDGE	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name:	Caller Agency:	Caller Phone:
DEC Investigator: RMPIPER	Contact for more spill info: DANDRIDGE	Contact Person Phone: (718) 636-5616

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	
10/10/2013		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	4.00	GALLONS	0.00	GALLONS	

Caller Remarks:  
 spill to in side basement area/concrete floor is cracked/repairs and clean up pending

DEC Investigator Remarks:

Milro was asked by oil co to do inspection. stain found around tank and is actively dripping. Milro to set up temp tank and determine if samples through floor are necessary.

DECPiper received and reviewed closure report. Milro excavated 5 x 7 x 5 area. endpoint samples showed slight exceedances of VOCs. Poly vapor barrier and epoxy paint installed. spill closed. See edocs if warranted.

**Map Identification Number 130** **VACANT BLDG** **Spill Number: 0701134** **Close Date: 08/10/2011**  
 201A HALSEY STREET BROOKLYN, NY TT-Id: 520A-0049-360

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 642 feet to the NW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: Spiller Phone:  
 Notifier Type: Citizen Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: hrpatel Contact for more spill info: CPT MCGEARY 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	
04/26/2007		ABANDONED DRUM	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	50.00	GALLONS	SOIL

Caller Remarks:

FIRE DEPT ON SCENE OLD TANK IN BASEMENT HAD LEAKED FUEL AND MIXED WITH WATER ON CONCRETE SURFACE - FD IS DONIG CLEAN UP

DEC Investigator Remarks:

04/27/07-Hiralkumar Patel. spoke with Mr. Mcgeary at FDNY. FDNY was doing cleanup.  
 05/17/07-Hiralkumar Patel. went to site on 05/16/07. abandoned house. no contact info available.  
 from NYC DOB record, property owner:

Woodard Kuza  
Secretary  
BSDC Neighborhood Homes, HDFC  
266 Stuyvesant Avenue  
Brooklyn, NY 11221  
PH. (718) 573-6873

from Department of State, owner's address:

BSDC Neighborhood Homes Housing Development Fund Corp.  
C/O Bridge Street Development Corp.  
277 Stuyvesant Avenue  
Brooklyn, NY 11221

left message for Mr. Kuza.

sent letter requiring soil/groundwater delineation and endpoint soil samples, at above address.

06/05/07-Hiralkumar Patel. received message from Mark Robins (631-462-5866) from Hydrotech environmental. left message for Mark.  
06/06/07-Hiralkumar Patel. received call from Mr. Robins. he spoke with property owner and owner doesn't know anything about oil spill. Mr. Robins will make arrangements for site visit.  
received call from Mr. Robins. he and property owner will meet at 9:00 AM on 06/08/07 at site.

06/08/07-Hiralkumar Patel. visited site. met Mark Robins from hydrotech, Sondra Ford and Vashdev Arthur from Bridge Street Development corp. as per Ms. Ford, they are renovating entire house and planning to remove tank from basement. nobody living at this site for about 5 years. found speedy dry spread in basement. can't inspect tank due to lots of debris in basement. asked Ms. Ford to remove any oil from tank, immediately. also asked Ms. Ford to investigate soil under and around tank location for any contamination and to remove one 55 drum, filled with oil and water, possibly left by fire dept.

Sondra C. Ford  
Vice President  
Bridge Street Development Corp.  
460 Nostrand Avenue  
Brooklyn, NY 11216  
Ph. (718) 399-0146 Ext. 19  
Fax (718) 399-8601  
email: sford@bsdcorp.org

Vashdev Arthur \*\* contact person at development corp.\*\*  
Bridge Street Development Corp.  
Ph. (718) 399-0146 Ext. 17  
email: project@bsdcorp.org

07/05/07–Hiralkumar Patel. received call from Mr. Arthur. they are in process of hiring contractor for required work. he met three companies till now and two of them raised issue of structural instability. informed Mr. Arthur that if contractor can do this work safely, then only they should go in, otherwise the department can wait little longer.

07/10/07–Hiralkumar Patel. received email from Mr. Arthur. due to building instability and potential danger to workers, they can't do soil borings. they will do soil investigation once they demolish building and stabilize a site. it will take about 6 months.

03/25/08–Hiralkumar Patel. left message for Michael Minott (718–399–0146 Ext. 19), as Mr. Arthur left.

07/14/08–Hiralkuamr Patel. left message for Mr. Minott.

07/18/08–Hiralkumar Patel. received message lady (name??) (718–399–0146 Ext. 11)from Bridge Street Development Corp.

left message at provided number.

07/28/08–Hiralkumar Patel. received message from Mr. Pope from Bridge Street development. spoke with Mr. Pope. he mentioned that Ms. Ford has left their company. they are currently dealing with different contractor about demolition of building. informed Mr. Pope that once building demolished, then requires complete soil/groundwater delineation and possible remediation at the site. Mr. Pope asked to contact with his supervisor Mr. Minott.

Christopher Pope  
Bridge Street Development Corp.  
Ph. (718) 399–0146 Ext. 20  
email: cpope@bsdcorp.org

Michael Minott  
Bridge Street Development Corp.  
460 Nostrand Avenue  
Brooklyn, NY 11216  
Ph. (718) 399–0146 Ext. 19  
Fax (718) 399–8601  
email: mminott@bsdcorp.org

sent email to Mr. Pope and Mr. Minott requiring submission of current status.

12/01/08–Hiralkumar Patel. spoke with Mr. Pope at Bridge street development. they are waiting for financing for demolition. will call back with schedule.

07/06/09–Hiralkumar Patel.  
1:20 PM:– left message for Mr. Pope.

04/01/10–Hiralkumar Patel.  
11:54 AM:– left message for Mr. Pope.

11:55 AM:– spoke with Ms. Faria (Mr. Minott is no longer with company). she mentioned that site was owned by NYC and then was hand over to Bridge Street Development for new development. NYC HPD demolished the building and currently there is an open lot. asked Ms. Faria to hold any development until they finish environmental investigation.

BSDC Neighborhood Homes Housing Development Fund Corporation  
c/o Bridge Street Development Corp.  
460 Nostrand Avenue  
Brooklyn, NY 11216  
Attn.:Ingrid Faria  
Director of Real Estate  
Ph. (718) 399–0146 Ext. 19  
Fax (718) 399–8601  
email: ifaria@bsdcorp.org

1:47 PM:– sent email to Ms. Faria with copy of letter dated 05/17/07 and asked to submit cleanup report by the end of 05/10/10.

09/10/10–Hiralkumar Patel.

2:01 PM:– left message for Mr. Pope to provide update by end of 09/14/10.

2:22 PM:– sent letter to Mr. Pope requiring to submit cleanup documents by end of 10/15/10. informed him that if the documents are not received by 10/15/10, then case will be submitted to legal department. letter emailed to Mr. Pope.

4:10 PM:– received call from Mr. Pope. he will talk to his environmental consultant and will call back next week.

10/07/10–Hiralkumar Patel.

2:14 PM:– received email from Paul from Ecosystem including request for spill closure. Paul requested spill closure based on following:

- site is a vacant property
- no information available about where tank was and where spill occurred
- site is currently fenced off and therefore there is no reasonable threat to human health or the environment and
- site will be redeveloped and any soil contamination can be removed during that time

10/12/10–Hiralkumar Patel.

2:01 PM:– spoke with Mr. Pope. he mentioned that building was demolished by NYC HPD and doesn't know what happened to the oil tank in basement. asked him to provide contact info for person in–charge at NYC HPD.

from NYC DOB permit records, found that Gateway demolition applied for permit on 06/25/09.

2:29 PM:– spoke with Ronnie at Gateway Demolition. Ronnie doesn't remember finding any oil tank in basement, but will check with his crew. he mentioned that they demolished buildings 201A and 203 together. Ronnie will call back.

Ronnie  
Gateway Demolition Corp.  
Ph. (718) 359–1400

10/14/10–Hiralkumar Patel.

8:44 AM:- received call from Ronnie. he spoke with his foreman and supervisor, but no one remeber regarding removal of any oil tank from basement.

08/10/11-Hiralkumar Patel. after discussing with DEC Austin, case closed based on available info.

**Map Identification Number 131**      **285 HANCOCK ST.**      **Spill Number: 9113285**      **Close Date: 04/06/1992**  
      285 HANCOCK ST      BROOKLYN, NY      TT-Id: 520A-0041-155

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 786 feet to the NW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING	Spiller: JANICE ALLEYNE	Spiller Phone: (718) 636-6002
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: PETE LAPORTE	Caller Agency: WHALECO	Caller Phone: (718) 852-7000
DEC Investigator: O'DOWD	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
03/31/1992	04/06/1992	HUMAN ERROR	UNKNOWN	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:

550 GAL. A/G BASEMENT VAULT, BUNG PLUG IN TOP OF TANK LEFT OFF, OIL LEAKED TO CONCRETE FLOOR, SPILL TEAM ON SITE, SPEEDIE DRY APPLIED, WILL P/U AND DISPOSED.

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:**

03/31/92: 3/31/92, 2:55 PM ARRIVED @ SITE, NO ONE HOME, MET W/ JANICE ALLEYNE.WHALECO CLEANUP TEAM DID MOST OF BULK CLEAN-UP. WHALECO TEAM WILL COME BACK TO P/U & WASH DOWN FLOOR.

**Map Identification Number 132**

**ABANDON HOUSE**  
369A JEFFERSON AVE

BROOKLYN, NY

**Spill Number: 0409181**

**Close Date: 10/31/2007**  
TT-Id: 520A-0043-738

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (2)  
Approximate distance from property: 999 feet to the N

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
Notifier Type: Citizen  
Caller Name: URSULA KUGLER  
DEC Investigator: HRPATEL

Spiller: UNNOWN - ABANDON HOUSE  
Notifier Name: URSULA KUGLER  
Caller Agency:  
Contact for more spill info: UNNOWN

Spiller Phone:  
Notifier Phone: (718) 573-8860  
Caller Phone: (718) 573-8860  
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
11/09/2004		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

DURING TANK REMOVAL OIL LEAKED OUT CONTRACTOR PUT A DENT IN IT, STRONG ODOR;

DEC Investigator Remarks:

2/06- Have been unable to track down the owner after weveral attempts. refer back to the Region. S. Scharf

10/11/06 - Austin - Reassigned from Central Office staff to Patel, for follow up and closure - end

10/13/06-Hiralkumar Patel. visited site on 10/12/06. site has three story residential complex. met Philip (Ph. 347-404-6448), tenant living at first floor. Philip didn't had owner's phone number. left business card with Philip to give to owner. left message for Mr. Kugler, owner of next door property at 369 Jefferson Ave, who reported this spill in 2004.

from property tax, found owner of property:

Lorence, Nilda  
369A Jefferson Ave

Brooklyn NY 11221-1001

sent letter to Ms. Lorence requiring submission of report including cause of tank failure, cleanup activities and other related documents, via certified mail (7004 1350 0004 5755 5874).

11/13/06-Hiralkumar Patel. went to site on 11/10/06. nobody living at site. no contact info available.

11/15/06-Hiralkumar Patel. letter, that was sent to owner, came back. nobody claimed that letter.

10/31/07-Hiralkumar Patel. tried contacting property owner multiple times by visiting site. no one at site. no contact info available.

case closed.

**Map Identification Number 133** **CON EDISON TRANSFORMER MANHOLE #2010** **Spill Number: 1401559** **Close Date: 07/08/2014**  
 **FULTON AVENUE AND NEW YORK AVENUE** **BROOKLYN, NY** **TT-Id: 520A-0299-443**

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 1083 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: FULTON ST / NEW YORK AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT - CON EDISON 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	
05/14/2014		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	100.00	GALLONS	0.00	GALLONS	

**Caller Remarks:**

loss to manhole, c/u pending

DEC Investigator Remarks:

5/14/14-Vought-As per EMIS #236842 "OIL FOUND WHILE ON XFMR REPLACEMENT... UNIT BELOW MIN AND NOT HOLDING PRESSURE... ENV TAG# 104947.... NO WR# AT THIS TIME... COC# GG09564... METERED PARKING 8AM-7PM." Report notes that 100-gallons of dielectric fluid were found on 800-gallons of water" and as per EMIS "a tank was ordered to drain both the structure and the unit". Vought spoke to RSE and this spill assigned to Con Ed Unassigned.

7/8/14 - Austin - 100 gals dielectric fluid atop 800 gals water in vault, from leaking transformer - Con Ed contained and cleaned up the spill, and replaced the leaking unit - See D2 files for further informaion - Spill closed - end

**Map Identification Number 134**      **400 HANCOCK STREET**      **Spill Number: 9314539**      **Close Date: 03/11/1994**  
      400 HANCOCK STREET      BROOKLYN, NY      TT-Id: 520A-0046-407

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1195 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller:	Spiller Phone:
Notifier Type: Other	Notifier Name:	Notifier Phone:
Caller Name: BOB DECK	Caller Agency: PETRO TANK CLEANERS	Caller Phone: (718) 624-1842
DEC Investigator: SIGONA	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
03/11/1994	03/11/1994	EQUIPMENT FAILURE	UNKNOWN	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:

275 GAL RUPTURED, OR CROSS-OVER LINE IS LEAKING. PETRO HAS VAC TRUCK THERE WANT A CALL BACK. CALLED UP PETROLEUM TANK CLEANERS AND FOUND THAT THEY ARE RESPONDING AND WILL CLEAN UP THE SPILL ON BEHALF

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 135**



**SPILL NUMBER 0202203**

1355 ATLANTIC AVE

BROOKLYN, NY

**Spill Number: 0202203**

**Close Date: 08/02/2002**

TT-Id: 520A-0050-867

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 1234 feet to the SSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

Source of Spill: UNKNOWN

Notifier Type: Local Agency

Caller Name: SAING JEAN

DEC Investigator: JBVOUGHT

Spiller: UNKNOWN

Notifier Name:

Caller Agency: NY DEP

Contact for more spill info: SAING JEAN

Spiller Phone:

Notifier Phone:

Caller Phone: (718) 595-4653

Contact Person Phone: (718) 595-4653

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	
05/31/2002		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	110.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

2 55 gal abandoned drums of waste oil - not leaking

**DEC Investigator Remarks:**

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "VOUGHT"  
Drum Emptied 8/02/2002

REF#9930008

PIN#01036

**Map Identification Number 136**



**RESIDENCE**

147 HERKIMER ST

BROOKLYN, NY

**Spill Number: 0812013**

**Close Date: 03/10/2009**

TT-Id: 520A-0226-086

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 1534 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Other

Caller Name:

DEC Investigator: HRAHMED

Spiller: IRIS JOHN - IRIS JOHN

Notifier Name:

Caller Agency:

Contact for more spill info: IRIS JOHN

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 399-7870

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	
02/04/2009		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

Caller states he made a delivery to above address yesterday and this date the tank failed causing oil to spill onto the dirt floor. Cleanup pending DEC response/assistance coordination with oil company and callers company.

**DEC Investigator Remarks:**

Hasan Ahmed made a site visit.

02/04/2009-HRAHMED-Day Time Runner-Responded to the site. Called the owner IRIS JOHN at (718) 399-7870. She said she is alone in the home and she wouldn't allow DEC Ahmed to come inside. Called NEW UTRECHT FUEL at (718) 435-5103. As per the oil company they refer the house owner to contact True Blue Environmental Services (Kevin Bartley 718 981 5710, 646 244 0188) regarding cleanup and tank replacement. Called Kevin and left a message requesting callback. Called the owner again and this time she said one of her friend (Charles: 347 200 4738) will assist to inspect the basement. Ahmed went to the basement with Charles. True blue environmental put some sand on the concrete floor of the basement which was soaked with oil. The condition of the floor was unknown. Noticed and old abandoned tank covered with concrete. As per the house owner she never used that tank. The current tank was installed in 1989. Noticed strong petroleum odor in the basement and mild odor in the hallway of 1st floor. Talked with Kevin. As per him they will start cleaning the basement from tomorrow and install one blower in the basement and one in the hallway tomorrow morning.

02/05/2009-HRAHMED-Called Ms. Iris. She said true Blue Environmental started the cleanup this morning. Spoke to Donny of True Blue Environmental. As per him, they cleaned the contaminated sand in drums which they will dispose later, removed the tank and will install a new tank. They ventilated the basement. They will powerwash the floor. As per him the floor has no crack or hole. No house trap in the basement.

02/09/2009-HRAHMED-Spoke to Keith of Tru Blue Environmental (718 981 5710). As per him they power washed the floor, replaced the tank and transported 2 drums of contaminated sand for disposal. DEC Ahmed will call Ms Iris to schedule a site visit.

02/11/2009-HRAHMED-Went to Iris residence for a schedule visit at 9:30AM today. Knocked on the door, no body responded. Waited there for 15 minutes and left 2 messages for Iris. No body responded to the second knocking. I came back to Office.

02/18/2009-HRAHMED-Called Iris and left a message requesting call back. Called Charles, a friend of Iris, requesting to contact Iris. He said Iris went somewhere for couple of days. As soon as she returns, he will tell her to call me back.

3/6/09-HRAHMED-Visited the site. Met with Charles. Notice no petroleum odors. The floor looked ok. They epoxy the floor after cleaning. Noticed some oil leaked from the fill-line on top of the newly installed tank during oil delivery yesterday. Charles said the plumber will fix the line. Later in the afternoon Charles confirmed that the line was fixed.

This case is closed.

<b>Map Identification Number 137</b>	<b>VAULT # 5467</b>		<b>Spill Number: 0013439</b>	<b>Close Date: 03/26/2001</b>
	NEW YORK AV/DEAN ST	BROOKLYN, NY		TT-Id: 520A-0038-860
<b>MAP LOCATION INFORMATION</b>		<b>ADDRESS CHANGE INFORMATION</b>		
Site location mapped by: ADDRESS MATCHING		Revised street: NO CHANGE		
Approximate distance from property: 2062 feet to the SSW		Revised zip code: NO CHANGE		
Source of Spill: COMMERCIAL/INDUSTRIAL		Spiller: CON EDISON	Spiller Phone: (212) 580-6763	
Notifier Type: Responsible Party		Notifier Name: STEVE PACE	Notifier Phone:	
Caller Name: CHARLIE MCCARTHY		Caller Agency: CON EDISON	Caller Phone: (212) 580-6765	
DEC Investigator: JHOCONNE		Contact for more spill info: CHARLIE MCCARTHY	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
03/23/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	160.00	GALLONS	0.00	GALLONS	SOIL

-----  
 Caller Remarks:

DURING DRAINING TRANSFORMER AT ABOVE LOCAITON ABOVE MATERIAL DISCOVERED TO BE MISSING. MATERIAL BELIEVED TO HAVE LEAKED ON TO SOIL ON TOP OF CONCRETE FLOOR.CON ED #136065.

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 DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "O'CONNELL"

**Map Identification Number 138**      **RAILROAD OVERPASS**      **Spill Number: 0000641**      **Close Date: 04/18/2000**  
 ATLANTIC AVE/NOSTRAND AVE      BROOKLYN, NY      TT-Id: 520A-0038-650

MAP LOCATION INFORMATION  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2094 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE	Spiller: LOU WUNDERLICK - LONG ISLAND RR	Spiller Phone: (718) 558-8204
Notifier Type: Responsible Party	Notifier Name: TRACK DEPT	Notifier Phone:
Caller Name: LOU WUNDERLICH	Caller Agency: LONG ISLAND RR	Caller Phone: (800) 800-7759
DEC Investigator: MXTIPPLE	Contact for more spill info: LOU WUNDERLICH	Contact Person Phone: (718) 558-3252

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
04/17/2000		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSMISSION FLUID	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRACK REPAIR EQUIPMENT HYDROLIC HOSE BROKE, SPILLING 100 GALS OF FLUID. RR SENDING A CREW TO CLEAN UP, SPEEDY DRY HAS BEEN APPLIED.

PAGER 1-800-800-7759 CONTACT PERSON.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIPPLE"  
ROADWAY BELOW ELEVATED SECTION OF TRACK CLOSED TO TRAFFIC TRADEWINDS ENVIRONMENTAL AND NYC SANITATION CLEANED ROADWAY PRIOR TO RE-OPENING THE ROAD TO TRAFFIC. CLEANUP COMPLETE 315AM ON 4-18-2000

**Map Identification Number 139**      **612 PUTNAM AVE**      **Spill Number: 8908416**      **Close Date: 12/08/1992**  
 612 PUTNAM AVE      BROOKLYN, NY      TT-Id: 520A-0046-418

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2111 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER	Spiller: HUMAN RESOURCES ADMIN.	Spiller Phone: (212) 613-9324
Notifier Type: Fire Department	Notifier Name:	Notifier Phone:
Caller Name: STANLEY SEIDENBERG	Caller Agency: NYCDEP HAZMAT	Caller Phone: (212) 847-1055
DEC Investigator: SIGONA	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	
11/24/1989	12/08/1992	TANK OVERFILL	UNKNOWN		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
#2 FUEL OIL	PETROLEUM	300.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 4K TANKS OVERFLOWED DURING TRANSFER FROM ONE TANK TO ANOTHER.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

**Map Identification Number 140** **ARMSTRONG HOUSING / 370 L** **Spill Number: 8700165** **Close Date: 08/21/1987**  
 ARMSTRONG HOUSING BROOKLYN, NY TT-Id: 520A-0046-742

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2165 feet to the NNW

ADDRESS CHANGE INFORMATION

Revised street: 499 GATES AVE  
 Revised zip code: 11216

Source of Spill: TANK TRUCK Spiller: BELCHER OIL Spiller Phone: (718) 762-4200  
 Notifier Type: Local Agency Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: UNASSIGNED Contact for more spill info: Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
04/07/1987	08/21/1987	TANK OVERFILL	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	700.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

TANK OVERFILL IN THE TANK ROOM. OYMPIC ENVIRONMENTAL SERVICES NOTIFIED. (718-645-8265) SCAVENGER TRUCK ON THE WAY TO DETERMINE AMOUNT OF SPI

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was " "

**Map Identification Number 141****#2 FUEL SPILL AND VAPOR COMPLAINTS**

119 BROOKLYN AVENUE

BROOKLYN, NY

**Spill Number: 1214667****Close Date: 02/13/2014**

TT-Id: 520A-0281-129

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 2170 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:

DEC Investigator: JBVOUGHT

Spiller: LYNETTE GILL - LYNETTE GILL/BILL HOWARD

Notifier Name:

Caller Agency:

Contact for more spill info: CRAIG SMALL

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: (718) 773-6235

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
01/15/2013		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	152.00	GALLONS	0.00	GALLONS	SOIL, INDOOR AIR

## Caller Remarks:

HOMES SHARE A COMMON WALL, NEIGHBOR HAD AN OIL SPILL DURING OIL DELIVERY, OIL/FUMES COMING THROUGH COMMON WALL, NEIGHBOR CLAIMS SPILL WAS ALREADY TAKEN CARE OF.

## DEC Investigator Remarks:

1/16/13-Vought-Daytime runner and secondary off-hours responder. Vought called and spoke to Craig Small (Ph:718-773-6235 Cell:917-731-0866 Dawn Cell:718-404-2024 Fax:212-618-5709) and he noted that there was an oil delivery yesterday to 119 Brooklyn Avenue, a three story residential apartment brownstone. Smith resides at 121 Brooklyn Avenue which is also a three story residential apartment brownstone (with basement occupation) and has a common wall with 119 Brooklyn Avenue. Smith noted that his wife witnessed the oil delivery around 1:30pm yesterday and began to smell oil vapors approximately one hour later. Smith contacted owner of 119 Brooklyn Avenue (Bill Howard Ph:718-363-8193 cell:917-939-3539 Fax:718-636-5744) and notified him of vapors and Howard noted that there was indeed an oil spill and that he was cleaning it up. Smith noted that vapors in his home were so bad that he had to sleep with windows open last night and that neighbors at 119 Brooklyn Avenue had a "horrific" night. Vought left an urgent message for Bill Howard that he was performing an immediate site visit and responded to spill and first inspected home of Smith and noted a definite olfactory presence of petroleum vapors in the street level living areas and basement as well. Vought inspected basement of 121 Brooklyn and noted no signs of seepage and there were no sumps present. Source of vapors may be through or above the cobble common wall which is only 7" high from basement foundation with brick above.

Vought then performed site visit to 119 Brooklyn Avenue with Smith and spoke to resident in basement level apartment who did note that there was an oil spill and oil odors but did not want to provide his contact info due to concerns about possible poor relations with his landlord. Basement resident however removed padlock from basement door and brought Vought and Smith down to sub-basement of 119 Brooklyn Avenue. Olfactory evidence of petroleum vapors were noted by Vought through out 119 Brooklyn Avenue and also acknowledged by residents from upper floors (eg. Vought spoke with "Blake" as well). Basement of 119 Brooklyn Avenue had two manifolded 275-gallon #2 fuel oil ASTs with speedy dry and sweet air on top of tanks and in an approximately 20'x20' area around tanks and on top of broken concrete floor with exposed soil evident. Vought noted fresh petroleum around gauge of one of the ASTs with suggesting that spill was from the top of the AST. No petroleum was noted by Vought around vent or fill pipe outside of house. Vought still had received no call back from Howard and went to Howards address (134 Brooklyn Avenue) and spoke with nephew who called Howard and Howard arrived on-site within 30 minutes. Howard noted that he knew of spill and that he was cleaning it up and minor in nature. Vought noted heavy vapors and possible health and safety issues and that due to likely soil excavation, sampling and disposal requirements by State that Howard or oil company must hire a contractor to respond immediately. Howard showed Vought delivery receipt and delivery was performed by Diamond Fuel Oil (aka Alex Fuel Transportation 120 Halsey Street, Ph:718-574-4330 Ph:718-443-7859 Ph:516-538-7473 Charlie Cell:347-939-3539). REceipt showed delivery of 327 gallons of fuel oil. Howard noted that Charlie was aware of spill since this morning and even responded and provided Sweet Air (seen by Vought on ASTs). Vought called Charlie and explained need for immediate contractor and potential responsibility of Diamond and he responded to site within 30 minutes. After further discussion and explanation by Vought of severity of issue, Bill Howard called and hired AL Eastmond (Ph:718-378-3000 718-378-4560) to respond to the site. Vought called and spoke with AL Eastmond (Niel Tomasetti Ph:845-610-3395) who confirmed that he was going to arrange for fans and plastic to be brought immediately to site and Vought also informed him of possible soil excavation as well. Vought informed Small of same and hiring of AL Eastmond by Howard and Small satisfied with response and he also noted wife and child would be staying at friends house for the night.

1/17/13-Vought-Arranged site visit with Eastmond (Tomasetti will send Cleo) and Howard for 2pm. Vought called Alex Transportation (Charlie) and informed him of todays impending site visit as well. Vought arrived onsite and speedy dry had been removed from site and was swept down to dirt and broken concrete. Vought inspected soil adjacent to two 275-gallons ASTs and soil was noticeably contaminated via olfactory and visual evidence (eg staining) and Vought required removal of tanks (with set up of temporary tank) and excavation of contaminated soil. Odors still present in basement and home fans had been set up and Vought required immediate installation of a blower unit which was conveyed to Tomasetti and he will have one sent tonight.

1/18/13-Vought-Called AL Eastmond (Niel Tomasetti) and left message to return call with site status. Vought called and left another summary message to Craig Smalls and note he should call Spills Hotline (Vought left number) in case an emergency arose over the weekend. Vought called Tomasetti again due to impending weekend. Tanks have been pumped and relocated and piping is being finished. Blower and ducts were installed last night as well and are operating. AL Eastmond (Cleo) noted that during spill and before spill, gauge was located in first tank which is incorrect as the gauge needs to be present in the second tank. Bill Howard noted that when he ordered oil there was less than 100-gallons in the tank (this had to be the first tank as that tank was the one that had open gauge) and as 327-gallons was delivered and spill came out of gauge, spill amount is estimated to be as much as 100+327-275 gallons which is equal to a maximum spill amount of 152 gallons.

1/22/13-Vought-Called and spoke to Craig Smith for update on vapors and status over past weekend. Smith noted that odors were "nothing like they were" when initial call was placed to DEC but he did note that when heat was turned on for long periods, vapors were worse. He also noted that wife is staying back in the home. Vought noted he was going to still pursue an effective yet expedited cleanup due to vapor issues. Vought called AL Eastmond (Tomasetti) for an update and Niel noted that work did not take place over three day weekend (but excavation was covered with plastic and fans running) and that they would be back onsite today. Vought called Bill Howard and left message with above and that Vought would be onsite today at 2pm for site visit. Vought

performed site visit and went first to residence of Craig Smalls and spoke to his wife who noted that vapor were markedly reduced. Vought noted no olfactory presence of vapors in ground floor living area but did note slight vapors in basement adjacent to common wall shared with spill site. Craig's wife indicated that vapors were sometimes worse when heat was turned on for prolonged periods (possible NYSDOH "stack effect"). She also has been keeping basement door closed and has been residing at residence in recent nights. Vought informed her of possible NYCDOH site visit once all work has been completed or excavation has been backfilled and concreted at a minimum. Bill Howard not on-site but AL Eastmond with a crew of four was on-site continuing to excavate soil at the former location of the two 275-gallon ASTs. Size of excavation approximately 8' wide x 6' long by 9" deep and contaminated soil noted at bottom. Vought required additional excavation as long as structural elements (schist cobble wall footings) are not compromised and Vought also informed AL Eastmond Tomasetti of same.

1/24/13–Vought–Drafted and sent letter with deadline of one month for requirements of: 1) installation of ventilation units 2) PID survey 3) Delineation of soil and possible groundwater contamination 4) collection of soil endpoint samples to:

Mrs. Lynette Gill  
134 Brooklyn Avenue  
Brooklyn, NY 11213

and

Alex Fuel Transportation  
1250 Halsey Street  
Brooklyn, NY 11207  
Attn: Charlie

1/23/12–Vought–Called Charlie at cell number above for fax number to send requirement letter and phone number was not in service. Vought called Diamond Fuel at number above for another contact number for Charlie at Alex Transportation. Called and spoke to Howard and obtained fax number. Vought also sent initial information email to NYSDOH Hughes and NYCDOH D'Andrea requesting a NYCDOH site visit upon completion of the work and attached spill report and requirement letter to email.

1/30/13–Vought–Received call from Dawn (wife of Craig Smith) noting that no work has been going on for past three days and that odors were still "slight". Vought called and spoke to Tomasetti for an update. Clean soil was reached and endpoint samples collected and excavation was not backfilled and samples sent to York Analytical and should be back in by 2/4. Excavation has been covered with tarp and ventilation units left running.

2/1/13–Vought–Performed site visit with Bill Howard and inspected excavation at site and final dimensions were approximately 6' wide x 8' long by 12" deep and one side of excavation bound by load bearing schist cobble foundation wall. Vought examined excavation olfactorily and noted no significant petroleum odors. Vought also performed site visit to 121 Brooklyn Avenue and spoke to Dawn and observed no odors in basement living areas and informed Dawn of progress and endpoint sample collection and pending analysis.

2/8/13–Vought–Called AL Eastmond and spoke to Tomasetti and requested submission of endpoint sample analyticals and Tomasetti noted he would call lab.

2/11/13–Vought–Called AL Eastmond and spoke to Tomasetti and requested submission of endpoint sample analyticals and Tomasetti

noted he would aggressively call lab. Vought called Dawn and informed her of same. Vought received two prior messages from Charlie (owner of Alex Fuel) and returned call and left message to return call to Vought so that Vought could send requirement letter.

2/14/13-Vought-Received email from Eastmond (Tomasetti) with soil endpoint analytical analyses from York Analytical Laboratories dated 2/12/13. Vought added analytical report to E-docs. Three soil samples collected including Left Side, Middle and Right Side. Samples collected on 2/4/13. Soil analyticals show minor detections of petroleum related VOC's all well below CP51 Unrestricted Soil Cleanup Objectives and also show some SVOC PAH exceedences likely attributable to coal ash (as soil floor in late 1800's brownstone). Vought called Bill Howard and left message informing him that excavation could be backfilled based on soil endpoint analyticals provided that he also place concrete over soil with epoxy seal as preventative measure. Vought requested call back from Howard and called and left message for Craig Small with update information.

2/27/13-Vought-Called Bill Howard and left message to return call with update on backfill.

3/1/13-Vought-Received truncated message from Howard and returned call and he noted that backfill will begin next week and he has been receiving estimates on boiler conversion to gas. Howard noted he would call Vought upon completion of backfill which is expected to occur next week. Vought spoke to Dawn and she said odors were present but "faint".

6/20/13-Vought-Received call from Dawn who noted that she had slight odors in her basement and wanted to know status of spill and backfill.

6/25/13-Vought-Received call from and spoke to Bill Howard and he noted that excavation was backfilled with sandy to 8" below grade and that concrete pour was scheduled for Monday 7/1 and that he was delayed in completing work due to heart failure that he has recovered from. Vought also repeated requirement that epoxy on floor was needed as well. Vought called Dawn and informed her of same and she agreed to call Vought on Monday 7/1 if odors persisted.

10/25/13-Vought-Received message from Small that their was an oil smell to her basement once heat was turned on and inquired about status of backfill in basement of site. On 7/19, Vought received pictures from Bill Howard with pictures of new concrete floor in basement. Vought added pictures to E-docs. Vought called and spoke to Dawn and she agreed that epoxy of floors and impacted walls would be acceptable. Vought called and spoke to Bill Howard and he will epoxy walls and floor and return call to Vought upon completion. Vought called Small and informed him of same.

2/12/14-Vought-Received call from and spoke to Craig Small who noted that FDNY was onsite last night due to vapors (Small not sure what vapors were and he noted FDNY was not sure as well). Small noted that three buildings were affected and FNDY shut down boiler in 119 Brooklyn Avenue and he noted that there were still vapors. Small did not have any further contact information and noted that he had not seen Bill Howard during last nights activities. Vought called Howard and he noted that FDNY was onsite as "tank ran out of oil" which may have resulted in combustion of residue and of malfunction of boiler. Howard enroute to site and will call Vought with update when he arrives. Vought called and updated Small and set up site visit for 10am. Vought went to site and first inspected 121 Brooklyn Avenue (Small residence) and did not observe any pre combustion petroleum vapors. Vought inspected basement as well and did not observe any petroleum vapors however floor fans were running at time of DEC site visit. Dawn informed Vought that Craig Small notified FDNY on night of 2/11 and she also noted there was a "haze" in room during worst of odors. Vought noted that haze would not be associated with spill and could only be associated with a post combustion (eg boiler) type of source in this case. Vought informed Dawn of conversation with Bill Howard about boiler malfunction and blowout and noted he was going to go next door for site visit. Vought also noted that spill would be closed next door if no petroleum vapors were observed even if epoxy was not applied and Dawn had no objections. Vought met Bill Howard in basement of 121

Brooklyn Avenue and no signs of petroleum seepage through concrete that was over backfilled excavation. Howard showed Vought burnt black material on top of boiler where exhaust came out of boiler as well as hole in exhaust at point of boiler entry and explained that associated vapors were cause of malfunction. Vought observed no olfactory evidence of pre-combustion fuel oil (eg from soil or spill impacted surfaces) however did not note some post combustion odors (eg burnt smell) in boiler room. Spill closed by Vought and Spill Closure Letter sent to:

Mrs. Lynette Gill  
134 Brooklyn Avenue  
Brooklyn, NY 11213

and

Alex Fuel Transportation  
1250 Halsey Street  
Brooklyn, NY 11207  
Attn: Charlie

and copy of letter put in E-docs and faxed to Small as well.

**Map Identification Number 142**

**GROUND**  
378 LEWIS AVE

BROOKLYN, NY

**Spill Number: 1410470**

**Close Date: 01/28/2015**  
TT-Id: 520A-0306-550

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
Approximate distance from property: 2246 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL  
Notifier Type: Other  
Caller Name:  
DEC Investigator: HRPATEL

Spiller: DAVID GOLDMAN – DAVID GOLDMAN  
Notifier Name:  
Caller Agency:  
Contact for more spill info: ISABELLE

Spiller Phone:  
Notifier Phone:  
Caller Phone:  
Contact Person Phone: (718) 628-3344

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/26/2015		EQUIPMENT FAILURE	NO		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

-----  
Caller Remarks:

Clean up is done  
Filter had a hole

-----  
DEC Investigator Remarks:

01/28/15-Hiralkumar Patel.  
alternate address: 376-378 Lewis Ave

no PBS record found.

other spill #: 1410440 was reported on 01/26/15 by FDNY due to 190 gal #2 oil spill.

12:22 PM:- spoke with Isabelle at Petro. on 01/26/15, Petro received a report of leaking canister at the site. but due to travel ban during snow storm, they did not respond. FDNY responded on 01/26/15. as per Petro, FDNY pumped out 150 gal of oil from building floor. Petro responded today to replace leaking canister and remove three drums full of oil.

12:39 PM:- left message for Mr. Goldman.

378 Lewis LLC.                      \*\*property owner\*\*  
199 Lee Avenue, Suite 693  
Brooklyn, NY 11211  
Attn.: Joel Goldman  
PH. (718) 623-9435 Ext. 105

duplicate spill. refer to spill #: 1410440.

**Map Identification Number 143****RESIDENCE**

376 LEWIS AVE

BROOKLYN, NY

**Spill Number: 1410440****Close Date: 03/23/2015**

TT-Id: 520A-0306-549

## MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
Approximate distance from property: 2246 feet to the E

## ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING

Notifier Type: Other

Caller Name:

DEC Investigator: SXMAHAT

Spiller: UNKNOWN

Notifier Name:

Caller Agency:

Contact for more spill info: JOE DUFFY

Spiller Phone:

Notifier Phone:

Caller Phone:

Contact Person Phone: 3472036886

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended		
01/26/2015		EQUIPMENT FAILURE	NO		NO		
Material Spilled		Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL		PETROLEUM	190.00	GALLONS	0.00	GALLONS	

-----  
 Caller Remarks:

CLEAN UP- OIL WAS PLACED IN DRUMS AND SPEEDY DRY APPLIED.

-----  
 DEC Investigator Remarks:

01/28/15-Hiralkumar Patel. received another spill (# 1410470) report from Petro.  
 alternate address: 376-378 Lewis Ave

no PBS record found.

12:22 PM:- spoke with Isabelle at Petro. on 01/26/15, Petro received a report of leaking canister at the site. but due to travel ban during snow storm, they did not respond. FDNY responded on 01/26/15. as per Petro, FDNY pumped out 150 gal of oil from building floor. Petro responded today to replace leaking canister and remove three drums full of oil.

12:39 PM:- left message for Mr. Goldman.

378 Lewis LLC.  
 199 Lee Avenue, Suite 693  
 Brooklyn, NY 11211  
 Attn.: Joel Goldman  
 PH. (718) 623-9435 Ext. 105

\*\*property owner\*\*

01/29/15-Hiralkumar Patel.

9:32 AM:- received call from Yoel Schwimmer from Mr. Goldman's office. he believes that the site has one 550 gal tank. he mentioned that oil spilled due to leaking tank. he will ask property manager to call back.

David Freidman  
 Ph. (718) 623-9430  
 ex: 105

\*\*property manager\*\*

1/30/15: Mahat

DEC Mahat received a call from Mr. Freidman discussing for a guidance to resolve the case.

A standard CSL letter was sent out to the following address:

378 Lewis LLC.  
199 Lee Avenue, Suite 693  
Brooklyn, NY 11211  
Attn.: David Freidman

January 30, 2015

Re: 142 378 Lewis Ave  
Spill Case: 1410440

2/25/15: Mahat

An email was received from the David Freedman :  
" To Whom It May Concern,

Please see the attached letters and photographs. The letters have been provided by Troy Cutters Corp. and Cobra City Oil Recycling Corp. The letter from Troy Cutters Corp. attests to our draining, cleaning, and removing of storage drums and storage tanks. The excess oil generated by the FDNY was removed/cleaned up. The letter from Cobra City Oil Recycling Corp. attests to our removal of the soil that was put down by the FDNY to absorb any excess oil. Petro Oil came and tested all of our lines for possible oil leaks. No leaks were found. Petro Oil told us that the oil came through the filter cap. They provided us a new filter cap, which can be seen in photograph #1.

Photograph #2 – is a picture of our boiler room  
Photograph #3 – is a picture outside of our boiler room  
Photograph #4 – is another picture of the area outside our boiler room

As of today, February 25th, 2015 and depicted by the photographs, no excess oil exists at the above referenced property floor . In addition to the physical clean up, I would like to notify you that there is no odor, or complaints from any of the tenants.

Thanks  
David friedman  
7185987740"

Based on the narrative report provided by the Management team. No further action is required by the Department. Hence, the spill case will be closed on the Database.

\*\*\*\* Spill C1053 \*\*\*\*

**Map Identification Number 144**



**SPILL NUMBER 0205548**  
MACON ST & LEWIS AVE

BROOKLYN, NY

**Spill Number: 0205548**

**Close Date: 09/13/2002**

TT-Id: 520A-0039-009

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 2331 feet to the ENE

**ADDRESS CHANGE INFORMATION**

Revised street: MACON ST / LEWIS AVE  
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL	Spiller: CALLER – CON ED	Spiller Phone:
Notifier Type: Responsible Party	Notifier Name:	Notifier Phone:
Caller Name: SEAN MCKEEVER	Caller Agency: CON EDISON	Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG	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	
08/27/2002		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
DIELECTRIC FLUID	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

manhole 965 transformer leaked. con ed # 144740

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "RODRIGUEZ"  
 E2MIS NOTES 144740

27-AUG-2002 – 1020

M. ADAMO – 28458 – EQ GP, WHILE REPLACING A TRANSFORMER ON DEAD 5B26, REPORTS A LEAK OF APPROX 150 GALS OF DIELECTRIC FLUID

FROM THE TRANSFORMER INTO THE VAULT. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO SPILL. NO PRIVATE PROPERTY AFFECTED. NO WATER IN STRUCTURE. NO SEWER CONNECTIONS. CANNOT VERIFY THE EXISTENCE OF ANY SPILLS. NO LARGE CRACKS IN STRUCTURE. TAG # 36092 PLACED IN STRUCTURE. HISTORIC PCB COUNT OF OIL IN TRANSFORMER IS 1 PPM DTD 2/28/96. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # CC05035 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP TO BEGIN AS 50 – 499. ENV OPS NOTIFIED. TANKER ORDERED. EPA # REQUESTED. JOHN GAGLIO OF EH & S NOTIFIED. CLEANUP TO BEGIN AS 50 – 499.

UPDATE 8/27/02 12:25 HRS. -- J. GAGLIO OF BROOKLYN/QUEENS EH&S CALLED IN E2MIS REPORT (#144746) FOR OIL FOUND IN LINE MANHOLE #3266. OIL WAS NOT COMING THROUGH DUCTS FROM THE TM, THEREFORE SOURCE UNKNOWN.

UPDATE 8/27/02 12:40 HRS. -- J. GAGLIO OF BROOKLYN/QUEENS EH&S REPORTS FOLLOWING PEOPLE ON LOCATION: B. PIERRE OF CON ED E.R.T., ABRAHAM RODRIGUEZ OF NYS D.E.C. (ARRIVED 12:30) AND ROBERTO DIAZ OF NYC D.E.P. (ARRIVED 12:40).

UPDATE 8/27/02 13:20 HRS. -- J. GAGLIO OF BROOKLYN/QUEENS EH&S REPORTS TRANSFORMER CAPACITY IS 320 GAL. AND TANKER REMOVED 180 GAL. OF OIL, LEAVING 140 GAL. OIL MISSING. ALSO B. PIERRE OF ERT WILL FORWARD PCB RESULTS TO AGENCIES.

UPDATE: 8/27/02 - 1415

J. GAGLIO REPORTS TRANSFORMER REMOVED. CLEANUP PROCEEDING.

PCB RESULT RECEIVED 8/27/02 - 1805. 02-07999. 13 PPM.

UPDATE: 8/27/02 - 2000

S. ADEDAPO - ENV. OPS., REPORTS 13 PPM CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. LIQUID WASTE REMOVED BY TANKER. SOLID WASTE REMOVED BY VACTOR. NO SUMPS. NO DRAINS.

**Map Identification Number 145** **831 ST MARKS AVE**  
 831 ST MARKS AVE

BROOKLYN, NY

**Spill Number: 9111138**

**Close Date: 02/13/1992**  
 TT-Id: 520A-0043-996

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2368 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Local Agency  
 Caller Name: DAYTON SKYTON  
 DEC Investigator: SJMILLER

Spiller:  
 Notifier Name:  
 Caller Agency: NYC DEP  
 Contact for more spill info:

Spiller Phone:  
 Notifier Phone:  
 Caller Phone: (718) 595-6700  
 Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards		Penalty Recommended	
01/28/1992	02/13/1992	EQUIPMENT FAILURE	UNKNOWN		NO	
Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	125.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

DEP ENROUTE - BROOKLYN F.D. ON SCENE. SORBENT APPLIED & PICKED UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MILLER"

**Map Identification Number 146** **ACROSS THE STREET FROM** **Spill Number: 0807451** **Close Date: 05/05/2010**  
 **27 HERKIMER PL** **BROOKLYN, NY** **TT-Id: 520A-0220-347**

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 2378 feet to the WSW

ADDRESS CHANGE INFORMATION

Revised street: ACROSS THE STREET FROM 27 HERKIMER PL  
 Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: DONALD ENG - UNKNOWN Spiller Phone:  
 Notifier Type: Other Notifier Name: Notifier Phone:  
 Caller Name: Caller Agency: Caller Phone:  
 DEC Investigator: HRAHMED Contact for more spill info: DONALD ENG Contact Person Phone: (646) 584-6483

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	
10/02/2008		ABANDONED DRUM	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	110.00	GALLONS	110.00	GALLONS	

Caller Remarks:

CALLER STATES THAT THERE ARE TWO FULL 55 GALLON DRUMS OF WASTE OIL AND ONE 5 GALLON BUCKET ON THE SIDE OF THE STREET. NO SPILL HAS OCCURED. CLEAN UP IS PENDING.

DEC Investigator Remarks:

10/2/08 - Raphael Ketani. I spoke to Donald Eng (646) 584-6483 of NYC DEP. He said that the drums are across from 27 Herkimer Place. He said that they are not overpacked as they are in good shape. NYC Sanitation had called DEP regarding the drums. They contain oil. I told him that DEC will investigate the situation and take care of the contents of the drums.

5/5/10-HRAHMED-This was never included in drum run list, because it was not labeled as DRUM RUN. Probably the drum was taken by

any City agency.

This case is closed.

**Map Identification Number 147** **HOUSE** **Spill Number: 9713736** **Close Date: 05/04/1998**  
 225 DECATUR AVE BROOKLYN, NY TT-Id: 520A-0044-012

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 2402 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: 225 DECATUR ST  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:  
 Notifier Type: Other Notifier Name: SAME Notifier Phone:  
 Caller Name: ANTHONY LARA Caller Agency: PATROLEUM TANK CLEANERS Caller Phone: (718) 624-6934  
 DEC Investigator: MMMULQUE Contact for more spill info: RICHIE TENNENBAUM Contact Person Phone: (718) 257-3777

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
03/11/1998		EQUIPMENT 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	SOIL

Caller Remarks:

APPARENTLY A PIPE BROKE THAT LEADS TO THE TANK.SPILL WILL BE CLEANED UP BY REPORTER.

THEIS LOCATION MIGHT BE A MUTLIPLE FAMILY DWELLING

UNKNOWN WHO IS RESPONSIBLE FOR THE SPILL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "MULQUEEN"

**Map Identification Number 148** **VAULT # 4016** **Spill Number: 0403177** **Close Date: 09/23/2004**  
 ST. MARKS AVE AND BROOKLYN BROOKLYN, NY TT-Id: 520A-0050-053

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2456 feet to the S

**ADDRESS CHANGE INFORMATION**

Revised street: SAINT MARKS AVE / BROOKLYN AVE  
 Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT DESK - VAULT # 4016 Spiller Phone: (212) 580-8383  
 Notifier Type: Responsible Party Notifier Name: ANDREW MORRISON Notifier Phone: (212) 580-6763  
 Caller Name: ANDREW MORRISON Caller Agency: CONED 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 - 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	
06/23/2004		EQUIPMENT FAILURE	NO		NO	

Material Spilled	Material Class	Quantity Spilled		Quantity Recovered		Resource(s) Affected
		Units		Units		
TRANSFORMER OIL	PETROLEUM	290.00	GALLONS	0.00	GALLONS	SOIL

**Caller Remarks:**

NO TO THE 5 QUESTIONS, TRANSFORMER FAILED,

**DEC Investigator Remarks:**

e2mis no 154004

HICKEY REPORTS WHILE REMOVING TRANSFORMER FROM VS-4016 (FEEDER 3B87) AT 11:00 HRS. FOUND APPROX. 1 GAL. OIL LEAKED FROM TRANSFORMER ONTO DIRT ON FLOOR OF VAULT. SPILL APPEARS TO BE CONTAINED TO STRUCTURE. SAMPLE TAKEN. HISTORIAL PCB COUNT: 3 PPM.

PLATE ON TRANSFORMER INDICATES OIL CAPACITY OF 316 GAL. AFTER DIPPING THE UNIT AT 11:25 HRS. HICKORY ESTIMATES THAT APPROX. 290 GAL. OF OIL IS MISSING FROM THE TRANSFORMER.

ADLER REPORTS: ASTORIA TANKER REMOVED APPROX. 5oz OF DIELECTRIC FLUID RESIDUE FROM UNIT. FOUND A VISIBLE HOLE IN THE BOTTOM OF THE UNIT. ENVIR. OPS. CREW IS IN THE PROCESS OF WASHING DOWN UNIT THAT IS SUSPENDED OVER STRUCTURE.

FERNANDEZ, O/S BROOKLYN ENV OPS, REPORTS ENV OPS CREW FOUND EARTHEN SUMP, DUG DOWN UNTIL NO VISIBLE OIL, TOOK TWO SAMPLES AND NOW IN PROCESS OF CEMENTING SUMP.

Lab Sequence Number: 04-04932-001: TOTAL PCB 3 ppm

Update - 6/23/04 2013hrs

A. Walker OS Env. ops reports vector tubes got clogged with debris from structure causing wash liquid from structure to leak from tubes onto the sidewalk and street. Approx amount of liquid spilled is 5 gallons. Double washed affected areas with A-1 and cleaned with a second vector that was on location. Clean up

completed of sidewalk and street. Clean up of structure still in progress.

UPDATE: JUN-23-2004 2135HRS D RODRIQUEZ ENVIROMENTAL OPS REPORTS DOUBLE WASHED STRUCTURE WITH BIO GEN 760. REMOVED ALL LIQUIDS. FOUND SUMP SEALED.

**Map Identification Number 149** **ATLANTIC AVE AND TROY AVE**



BROOKLYN, NY

**Spill Number: 9905526**

**Close Date: 08/27/1999**

TT-Id: 520A-0043-112

**MAP LOCATION INFORMATION**

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 2483 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: ATLANTIC AVE / TROY AVE  
 Revised zip code: 11213

Source of Spill: COMMERCIAL/INDUSTRIAL  
 Notifier Type: Fire Department  
 Caller Name: FIRE FIGHTER HACK  
 DEC Investigator: MCTIBBE

Spiller: AMATO TRUCKING CO.  
 Notifier Name:  
 Caller Agency: NYC FD HAZ MAT  
 Contact for more spill info: FIREFIGHTER HACK

Spiller Phone: (732) 855-5327  
 Notifier Phone:  
 Caller Phone: (917) 769-0483  
 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	
08/06/1999		EQUIPMENT FAILURE	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:**

ssaddle tank ripped from truck - some materal went into a con

ed manhole – hazmat working on clean up at this time

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TIBBE"  
85&55 GAL DRUMS FULL OF FUEL. MECHANIC ENROUTE TO TAKE TANKS

**Map Identification Number 150**      **CULPEPPER RESIDENCE**      **Spill Number: 0612863**      **Close Date: 08/26/2010**  
 235 DECATUR STREET      BROOKLYN, NY      TT-Id: 520A-0038-321

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 2490 feet to the E

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING      Spiller: KEITH WILLIAMS – FERRANTINO FUEL CORP      Spiller Phone: (347) 672-6075  
 Notifier Type: Local Agency      Notifier Name:      Notifier Phone:  
 Caller Name:      Caller Agency:      Caller Phone:  
 DEC Investigator: RVKETANI      Contact for more spill info: KEITH WILLIAMS      Contact Person Phone: (347) 672-6075

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	
02/28/2007		HUMAN ERROR	NO		NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	129.00	GALLONS	0.00	GALLONS	SOIL, INDOOR AIR

Caller Remarks:

NO FURTHER INFO AT THIS TIME

DEC Investigator Remarks:

02/28/2007-Vought-Duty desk officer. Vought called NYCDEP Williams and left message to return call. DEC Patel responded to site and FDNY onscene with oil company. Spill amount was approximately one gallon. DEC Patel inspected entire tank system including tank, supply return lines and vent pipe and found no spill.

03/14/07-Hiralkumar Patel. visited site again as owner complained odors inside building. found no odors inside basement. basement floor close to tank was wet but doesn't smell like petrochemical. met owner's daughter, who didn't give her name. she told that her lawyer will call to discuss this matter.

03/15/07-Vought-Received message from Culpepper that she was not satisfied with results of Patel inspection. Vought forwarded message to DEC Austin who requested that Vought perform site visit. Vought called Justine Culpepper (347-439-1083) and left message to return call to arrange site visit.

3/17/07-Vought-Vought performed site visit and spill came out of vent pipe, ran down former coal chute (schist cobble walls with sand floor) and also ran into basement onto soil floor via door at bottom of chute. Culpepper notified insurance company of spill who also performed site visit previously:

St. Paul Travelers  
Attn: Chris Colonna  
ph: 631-577-7442  
Fax: 866-243-8125

Culpepper's mother afflicted with respiratory problems immediately after spill (mother also has chronic asthma) and was released. Mother is now staying at another residence. Culpepper and son living on third and fourth floors of brownstone (no odors in these floors at time of site visit). Culpepper produced Farrantino Oil delivery ticket showing that 129 gallons was delivered on 2/25. Culpepper's oil company is Petro. Last Petro delivery ticket shows that 162 gallons was delivered on 2/17.

Farrantino's contact information: Ferrantino Fuel Corporation  
Attn : Mike Taylor  
180 9th Street  
Brooklyn, NY 11215  
Fax: 718-832-6277  
Phone: 718-832-6700

Assuming delivery occurred to tank was filled, tank had 275 gallons as of 2/17. Misdelivery of 129 gallons occurred by Farrantino on 2/25. As per Culpepper she will not accept any action by Farrantino Fuel employees and will only accept private contactor, (Note that endpoint samples and hence environmental consultant is required). Culpepper only available for home access after 5pm as she has lost many days from work and has no more time off. Culpepper has also hired private attorney for litigation:

Ronald Roth, Esq.  
233 Broadway  
Suite 220  
New York, NY 10279  
Phone: 212-608-3015  
Fax: 212-608-2177  
assistant: Lucy 347-280-2911

3/18/07-Vought-Called Farrantino Oil and spoke to Mike Taylor (718-832-6700) and Mike requested that decisions be delayed until

next day (business day). Vought agreed to one day extension. Vought called Culpepper and left message with update.

3/19/07-Vought-Received call from Ferrantino (Taylor) who said that he will contact his supervision for next step and also was not willing to hire company and pay overtime for work after 5pm as requested by DEC. Taylor also did not believe that spill was 129 gallons and when required by DEC to call back by today stated that he did not believe that spill even occurred and asked for Vought's supervisor. Vought gave him name and phone number of supervisor, DEC Austin. DEC Austin requested that Vought draft a requirement letter for DEC Austin's signature. Vought called and left message for Culpepper to send in fax of Farrantino delivery receipt. Vought submitted draft letter to DEC Austin for review. Vought received call from Ferrantino-Taylor who said that he has contracted Petroleum Tank Cleaners for cleanup. Vought called Culpepper and left message. As per Culpepper, delivery by Petro also occurred after spill however only 33-gallons was delivered.

DEC requires: 1)excavation of impacted soil and collection of endpoint samples 2)cc to Colonna  
3)referral to ECO's for non-notification and discharge.

03/20/07-Vought-Received message from Chris Colonna (866-243-8125 631-577-7442) and returned call. Vought called PTC to confirm cleanup and they did not receive notice for site. As per PTC, Farrantino called and put PTC on hold and never returned call. Vought spoke to DEC Austin with respect to Petro causing overflow from regular scheduled delivery (after tank was filled by Farrantino) and as per Austin Petro will not be held responsible as Ferrantino performed action (misdelivery) that would have caused Petro spill (if any). Vought spoke to Taylor and he will call PTC immediately. Vought called Chris Colonna and left message that PTC cleaning spill and faxed him DEC Austin requirement letter and UIS notes. Vought called Ronald Roth and left message that cleanup being performed by PTC. Received call from Culpepper that she received request by Ferrantino to perform site visit. Culpepper agreed to site inspection as long as DEC present and requested that site visit be performed in late afternoon. Vought called Ferrantino(Taylor) and he said that PTC was going out to determine scope of work and Ferrantino site visit may not be necessary. Taylor will call back Vought with PTC determination and whether Ferrantino site visit is necessary. Vought called Culpepper and left message stating same. Vought called Taylor for update and PTC site visit was scheduled with Culpepper for 5:30am on Thurs morning. Vought called Culpepper who confirmed that she did schedule site visit with PTC for 3/22 at 5:30am.

03/26/07-Vought-Site visit by Vought with Culpepper. Five drums of contaminated soil removed from bottom of coal chute and inside basement. Residual soil contamination adjacent to wall left in place due to structural concerns. DEC requires: 1)covering of floor with concrete and 2)washing or sealing of coal chute walls (odors from chute enter basement due to stack effect of building) 3)painting of door. PTC Salamack called and spoke to Culpepper this morning and arranged additional work to be performed on 3/31. As per Salamack, Ferrantino had referred case to their insurance company (AIG). Vought called Ferrantino Taylor and informed him of additional requirements.

4/2/07-Vought-PTC onsite Saturday and removed additional soil and pressure washed coal chute walls. PTC will be onsite next Saturday to pour concrete.

4/12/07-Vought-Received call from PTC Salamack that concrete was poured. Vought called Culpepper and left message to return call to DEC to schedule site visit.

8/16/10 - Raphael Ketani. I tried to contact Mark Salamack of PTC (718) 624-4842 in order to find out whether there were any documents demonstrating that the site had been cleaned. However, I could only leave a message.

I tried to contact Chris Colonna (631) 577-7442 of St. Paul Travelers, but found that the phone number belonged to a woman employee. I left a message asking her to call me back regarding the spill cleanup.

Lastly, I tried to contact Ronald Roth, Esq. (212) 608-3015, but could only leave a message with his secretary.

8/24/10 – Raphael Ketani. I spoke to Mr. Salamack cell (917) 559-5519 regarding the case. He said that he thought the case had been closed as PTC did the cleanup and cemented the coal chute. He will send DEC copies of all of the documentation he has from this spill.

8/26/10 – Raphael Ketani. Mr. Salamack sent me a FAX containing a manifest for soil that was removed on 4/2/07. This was the additional soil that was removed after the initial dig out.

I spoke to the previous case manager, Jeff Vought. He said that he hadn't been to the site to see the coal chute get washed or to see the floor get cemented. However, he said that PTC had called him up to say that the work had been done.

I spoke to Mr. Salamack, again, and asked him to send me copies of the invoices for the work. Not long afterwards, he sent them to me. They were all PAID invoices for soil excavation and disposal, cementing of the coal chute, epoxy painting of the door, and use of a large fan for ventilation.

According to my conversation with Mr. Vought, and the invoices and manifest, it appears that the cleanup work had been done. Therefore, I determined that there was no threat to the public or the environment from the spill. I closed the spill case.

**Map Identification Number 151**

**SPILL NUMBER 9801098**

**Spill Number: 9801098**

**Close Date: 03/10/2003**



959 ST MARK'S AVENUE

BROOKLYN, NY

TT-Id: 520A-0043-988

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2589 feet to the SSE

**ADDRESS CHANGE INFORMATION**

Revised street: 959 ST MARKS AV  
 Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING  
 Notifier Type: Responsible Party  
 Caller Name: FRAN ARCHEY  
 DEC Investigator: KSTANG

Spiller: EMPIRE STATE FUEL  
 Notifier Name: EMPIRE STATE FUEL  
 Caller Agency: A L EASTMOND  
 Contact for more spill info: TONY

Spiller Phone: (718) 627-5100  
 Notifier Phone:  
 Caller Phone: (718) 378-7000 ext.  
 Contact Person Phone: (718) 627-5100

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
04/24/1998		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	500.00	GALLONS	500.00	GALLONS	SOIL

Caller Remarks:

COVER LEFT ON MANHOLE CAUSING SPILL – STATES ALL CLEANED UP

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead\_DEC Field was "TANG"  
 Called Tony @ 627-5100, Spill Due To Tank Overfill, All Contained In Tank Room. A-L Eastmond Is Cleaning Up The Spill. No Need To Respond. Called Joe Olstrowsky, Confirmed Clean-Up. 03/10/2003- Closed Due To The Nature / Extent Of The Spill Report.

**Map Identification Number 152**      **B S R HOUSING DEVELOPMENT**      **Spill Number: 9601656**      **Close Date: 05/02/1996**  
      959 ST MARK'S AVENUE      BROOKLYN, NY      TT-Id: 520A-0043-989

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 2589 feet to the SSE

**ADDRESS CHANGE INFORMATION**  
 Revised street: 959 ST MARKS AVE  
 Revised zip code: 11213

Source of Spill: PRIVATE DWELLING	Spiller: B S R HOUSING DEVELOPMENT	Spiller Phone: (718) 230-9490
Notifier Type: Other	Notifier Name: ANTHONY ANGELLETTI	Notifier Phone: (718) 627-5100
Caller Name: TONY PUMA	Caller Agency: EMPIRE STATE FUEL OIL	Caller Phone: (718) 627-5100
DEC Investigator: TOMASELLO	Contact for more spill info:	Contact Person Phone: (718) 230-9490

**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
05/02/1996		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

## Caller Remarks:

SPILLER OVER ORDERED FUEL OIL BECAUSE THE GUAGE WASN'T WORKING. CONTAINED WITHIN A COURTYARD. EASTMAN ENROUTE TO SCENE FOR CLEANUP. GUAGE TO BE REPAIRED.

-----  
 DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS 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.**

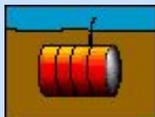
FACILITY ID	FACILITY NAME	STREET	CITY
9212260	141 MACON STREET	141 MACON STREET	BROOKLYN
9315575	1391 FULTON STREET	1391 FULTON STREET	BROOKLYN
9305618	1391 FULTON STREET	1391 FULTON STREET	BROOKLYN
0501802	ROADWAY SPILL	HALSEY ST & THROOP AV	BROOKLYN
9109353	6 MACDONOUGH ST/LEROY	6 MACDONOUGH ST/LEROY	BROOKLYN
1110384	PVT DWELLING	355 HANCOCK ST	BROOKLYN
9905144	TM1457	DECATUR AVE/THROOP AVENUE	BROOKLYN
9510176	944 MARCY AVE	944 MARCY AVE	BROOKLYN
0503624	MANHOLE 65386	HERKIMER ST /KINGSTON AV	BROOKLYN
0911029	HORSEFORD RESIDENCE	164 HALSEY ST	BROOKLYN
9110790	458 PUTNAM AVE	458 PUTNAM AVE	BROOKLYN
9414115	466 PUTNAM AVE	466 PUTNAM AVENUE	BROOKLYN
1310295	JULIA SAUNDERS	274 JEFFERSON AVE	BROOKLYN
0009930	ETHELIN WHITE	177 MACDONOUGH ST	BROOKLYN
0806592	109 DECATUR ST	109 DECATUR ST	BROOKLYN
9314470	400 HANCOCK STREET	400 HANCOCK STREET	BROOKLYN
0203295	PRINCE SEAPING	1355 ATLANTIC AVE	BROOKLYN
9515199	APARTMENTS	496 PUTNAM AVE	BROOKLYN
9901863	BROOKLYN AVE &	ATLANTIC AVE & BKLYN AVE	BROOKLYN
0611336	MANHOLE #6344	HERKIMER ST & NEW YORK AVENUE	BROOKLYN
0805343	RESIDANCE	393 A PUTNAM AVE	BROOKLYN
9500514	ATLANTIC AVE & KINSTON ST	ATLANTIC AVE & KINSTON ST	BROOKLYN
9612887	130 HALSEY ST	130 HALSEY ST	BROOKLYN
9711786	1504 ATLANTIC AVE	1504 ATLANTIC AVE	BROOKLYN
9509869	428A HANCOCK STREET	428A HANCOCK STREET	BROOKLYN
0811232	VECHICLE # 6760872	ATLANTIC AVE AND NY AVE	BROOKLYN
0311601	RESIDENCE	65 KINGSTON AVE	BROOKLYN
9830015	TB CONTROL	485 THROOP AVE	BROOKLYN
9514218	GAMBLE RESIDENCE	471 JEFFERSON AVE	BROOKLYN
8709381	JEFFERSON AVE.	JEFFERSON AVE	BROOKLYN

9510682	1379 PACIFIC ST	1379 PACIFIC ST	BROOKLYN
0111966	SPILL NUMBER 0111966	556 PUTMAN AVE	BROOKLYN
9910542	SPILL NUMBER 9910542	1436 PACIFIC ST	BROOKLYN
1300416	MANHOLE 28773	MADISON ST AND MARCEY AVE	BROOKLYN
1203774	OIL ON 275-GALLON AST	148 DECATUR ST	BROOKLYN
0401890	CONED VAULT # TM1005	MONROE STREET/TOMPKINS AV	BROOKLYN
0709996	KFC	495 NOSTRAND AVE	BROOKLYN
0806210	REGION 2	1269 ATLANTIC AVE	BROOKLYN
0610264	BASEMENT	1373 DEAN ST	BROOKLYN
0914233	216939; MARCUS GARVEY BLVD AND FULTON ST	MARCUS GARVEY BLVD AND FULTON ST	NEW YORK
9709768	1570 ATLANTIC AVE	1570 ATLANTIC AVE	BROOKLYN
8900215	89 KINGSTON AV	89 KINGSTON AVE	BROOKLYN
8703222	1299-1303 DEAN STREET,BRO	HOUSING AND NRG	NEW YORK CITY
9811601	PUBLIC SCHOOL #44	432 MONROE	BROOKLYN
0411975	VAULT#V5280	MONROE STREET/THROOP	BROOKLYN
0306105	SPILL NUMBER 0306105	1259 ATLANTIC AVE	BROOKLYN
9515194	1492 PACIFIC	1492 PACIFIC STREET	BROOKLYN
9514024	550 GATES AVE	550 GATES AVE	BROOKLYN
9612662	1281 FULTON ST	1281 FULTON ST	BROOKLYN
8909845	460 HANCOCK ST/BKLYN	460 HANCOCK STREET	BROOKLYN
1305290	DRUM RUN	1324 ATLANTIC AVE	BROOKLYN
9514768	BOURNE RESIDENCE	253 MADISON ST	BROOKLYN
0802342	DRUM RUN	1318 ATLANTIC AVE	BROOKLYN
0800372	RESIDENCE	6 REVERE PLACE	BROOKLYN
9414243	462 NOSTRAND AVENUE	462 NOSTRAND AVENUE	BROOKLYN
1202047	AT INTERSECTION	DEAN AND NEW YORK AVE	BROOKLYN
8911966	CHURCH- 573 GATES AVENUE	573 GATES AVENUE	BROOKLYN
0814563	214345; NOSTRAND AVE AND ATLANTIC AVE	NOSTRAND AVE AND ATLANTIC AVE	NEW YORK
9809124	IN VAULT #VS5598	THRUOOP & GATE AV'S	BROOKLYN
1404420	DRUM RUN	309 TOMPKINS AVE	BROOKLYN
0901558	MTA SPILL	CHALESEY AND MARCUS SPACE AND GAVEY BLVD	BROOKLYN
0109941	JONES RESIDENCE	563 NOSTRAND AVE	BROOKLYN
8910860	77 HERKIMER ST	77 HERKIMER ST	BROOKLYN
0908423	PVT DWELLING	3 ARLINGTON PLACE	BROOKLYN
9307591	ARMSTRONG HOUSES	499 GATES AVENUE	BROOKLYN
0512333	COMMERCIAL BLDG	505 GATES AVE	BROOKLYN
9814073	SPILL NUMBER 9814073	15 REVERE PLACE	BROOKLYN
9512151	PARKER RESIDENCE	15 REVERE PLACE	BROOKLYN
9212000	569 NOSTRAND AVE	569 NOSTRAND AVE	BROOKLYN
0909778	BASEMENT	403 MACON ST	BROOKLYN
0107185	RESIDENCE	384 QUINCY ST	BROOKLYN
9106000	445 MONROE ST	445 MONROE ST	BROOKLYN
1107937	SOIL	512 MADISON ST	BROOKLYN
0610964	RESIDENTIAL BUILDING	470 QUINCY ST	BROOKLYN

0109553	MONROE ST AT	MARKUS-GARVEY BL MONROE	BROOKLYN
0000711	SPILL NUMBER 0000711	495 HANCOCK ST	BROOKLYN
0713511	BASEMENT	1207 DEAN STREET	BROOKLYN
9107314	50 HALSEY ST	50 HALSEY ST	BROOKLYN
1215275	PRIVATE RESIDENCE	1228 DEAN ST	BROOKLYN
1215230	BASEMENT	1228 DEAN STREET	BROOKLYN
9509805	499 MADISON STREET	499 MADISON STREET	BROOKLYN
9307506	499 MADISON STREET	499 MADISON STREET	BROOKLYN
1003315	DRUM RUN	27 HERKIMER PL -ACROSS FROM	BROOKLYN
0000334	PETRO OIL	1623 PACIFIC ST	BROOKLYN
9412350	314 QUINCY STREET	314 QUINCY STREET	BROOKLYN
1409809	RESIDENCE	642 PUTNAM AVE	BROOKLYN
0801549	DRUM RUN	502 HANCOCK ST.	BROOKLYN
9514937	VACANT BUILDING	406 NOSTRAND AVE	BROOKLYN
9514933	406 NOSTRAND AVE	406 NOSTRAND AVE	BROOKLYN
0900770	PRIVATE DWELLING	31 HERKIMER STREET	BROOKLYN
0403994	MANHOLE # 4580	OPPOSITE 803 ST. MARKS AV	BROOKLYN
0002146	MANHOLE #4583	ST MARKS AVE/KINGSTON AVE	BROOKLYN
0109100	SPILL NUMBER 0109100	711 HERKIMER PL	BROOKLYN
0210089	80 HANCOCK ST	80 HANCOCK ST	BROOKLYN
9514874	PRIVATE RESIDENCE	1208 FULTON ST	BROOKLYN
9414186	1120 BERGEN STREET	1120 BERGEN STREET	BROOKLYN
9302480	L. LINDSEY RESID	523 MADISON ST	BROOKLYN
9511414	834 ST MARKS PLACE	834 ST MARKS PLACE	BROOKLYN
0906702	IN ROAD	959 SAINT MARKS AVE	BROOKLYN
0514378	APARTMENT BUILDING	959 ST MARK'S AVENUE	BROOKLYN
0709095	ON STREET	IN FRONT OF 514 HANCOCK ST	BROOKLYN
9511793	755 MARCY AVE	755 MARCY AVE	BROOKLYN
9610415	758 MARCY AV	758 MARCY AVE	BROOKLYN
9512524	922 ST MARKS	922 ST MARKS	BROOKLYN
0300369	SPILL NUMBER 0300369	469A LEXINGTON AVE	BROOKLYN
9313967	928 ST MARKS AVENUE	928 ST MARKS AVENUE	BROOKLYN



***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 153**


**FIRST A M E CHURCH**  
480 TOMPKINS AVE

BROOKLYN, NY 11216

**Facility Id: NY03908**

**Source: NYC FIRE DEPT**  
TT-Id: 660A-0002-564

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 323 feet to the SSW

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FILE NO 75860 FUEL OIL 3500G  
NO FEE

**Map Identification Number 154**


**DOLLIE HENRY**  
216 MACON ST

BROOKLYN, NY 11216

**Facility Id: NY03314**

**Source: NYC FIRE DEPT**  
TT-Id: 660A-0002-479

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (3)

Approximate distance from property: 343 feet to the E

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE

Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 3000G

**Map Identification Number 155**


**47 MCDONOUGH STREET**  
47 MCDONOUGH STREET

BROOKLYN, 11216

**Facility Id: 2-608570**

**Source: NYS DEC**  
TT-Id: 640A-0016-449

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (2)

Approximate distance from property: 372 feet to the WSW

**ADDRESS CHANGE INFORMATION**

Revised street: 47 MAC DONOUGH STREET

Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
 Site Status: Unregulated/Closed  
 Expiration Date of the facility's registration certificate: 06/09/2010  
 Operator Name: SOLOMON UUBITCHEK  
 Owner Name: SOLOMON UUBITCHEK - HEAD OFFICER  
 Owner Company: SIMON GREEN INC.  
 Owner Address: 543 BEDFORD AVE, STE 283, BROOKLYN, NY 11211

Operator Phone #: (718) 857-2225  
 Owner Type: Private Resident

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
002	Closed - Removed	#2 Fuel Oil	2000	Aboveground - In Contact with Soil			04/27/2009

**Map Identification Number 156** **JAMES PARIS**  
 47 MAC DONOUGH ST

**Facility Id: NY05248** **Source: NYC FIRE DEPT**  
 BROOKLYN, NY 11216 TT-Id: 660A-0002-780

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 372 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FO 2000G

**Map Identification Number 157** **ALICIA BOOKER**  
 109 MAC DONOUGH ST

**Facility Id: NY01355** **Source: NYC FIRE DEPT**  
 BROOKLYN, NY 11216 TT-Id: 660A-0002-169

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 385 feet to the E

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 1080G

**Map Identification Number 158** **WOLF GOLD INC**  
 43 MCDONOUGH STREET

**Facility Id: 2-608571**  
 BROOKLYN, 11216

**Source: NYS DEC**  
 TT-Id: 640A-0016-448

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (2)  
 Approximate distance from property: 418 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: 43 MAC DONOUGH STREET  
 Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building  
 Site Status: Unregulated/Closed  
 Expiration Date of the facility's registration certificate: 06/09/2010  
 Operator Name: SOLOMON UUBITHEK  
 Owner Name: SOLOMON UUBITHEK - HEAD OFFICER  
 Owner Company: WOLF GOLD INC  
 Owner Address: 543 BEDFORD AVE SUITE 283, BROOKLYN, NY 11211

Operator Phone #: (718) 625-1425  
 Owner Type: Corporate or Commercial

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			05/05/2009

**Map Identification Number 159** **BENRO PROPERTIES INC**  
 43 MAC DONOUGH ST

**Facility Id: NY01945**  
 BROOKLYN, NY 11216

**Source: NYC FIRE DEPT**  
 TT-Id: 660A-0002-269

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 418 feet to the WSW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 2000 GLS

**Map Identification Number 160** **119 MCDONOUGH STREET**  
 119 MACDONOUGH STREET

**Facility Id: 2-466700**  
 BROOKLYN, 11216

**Source: NYS DEC**  
 TT-Id: 640A-0017-847

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 492 feet to the E

ADDRESS CHANGE INFORMATION  
 Revised street: 119 MAC DONOUGH STREET  
 Revised zip code: NO CHANGE

Facility Type: Unknown  
 Site Status: Active  
 Expiration Date of the facility's registration certificate: 02/15/1994  
 Operator Name: NYC HOUSING PRESERV & DEVEL

Operator Phone #: (212) 806-8565

Owner Name: -  
 Owner Company: NYC HOUSING PRESERV & DEVEL  
 Owner Address: 2089-2091 ARTHUR AVENUE, BRONX, NY 10457

Owner Type:

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	4000	Aboveground - In Contact with Soil			

**Map Identification Number 161** **EUGENE OUTLER**  
 4 DECATUR ST

**Facility Id: NY03729**  
 BROOKLYN, NY 11216

**Source: NYC FIRE DEPT**  
 TT-Id: 660A-0002-541

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 508 feet to the S

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL #2 4000G

**Map Identification Number 162** **C MING**  
 290 HANCOCK ST

**Facility Id: NY02316**  
 BROOKLYN, NY 11216

**Source: NYC FIRE DEPT**  
 TT-Id: 660A-0002-337

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (3)  
 Approximate distance from property: 590 feet to the NNW

ADDRESS CHANGE INFORMATION  
 Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 1080 GAL

**Map Identification Number 163** **INTERMEDIATE SCHOOL 258 – BROOKLYN K258** **Facility Id: 2-354287** **Source: NYS DEC**  
 141 MACON STREET BROOKLYN, 11216 TT-Id: 640A-0013-788

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 647 feet to the WNW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

Facility Type: School  
 Site Status: Active  
 Expiration Date of the facility's registration certificate: 06/28/2018  
 Operator Name: PLANT OPERATIONS  
 Owner Name: MUNENDRA SHARMA – MANGER, 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	01/01/1955		
002	In Service	#4 Fuel Oil	10000	Aboveground on Crib Rack or Cradle	01/01/1955		

**Map Identification Number 164** **COLIN NILES** **Facility Id: NY02767** **Source: NYC FIRE DEPT**  
 1403 FULTON ST BROOKLYN, NY 11216 TT-Id: 660A-0002-399

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 655 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FEUL OIL 2500G



**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 165**



**NYSDEC Name:** G & J DRY CLEANERS  
**NYSDEC Address:** 471 TOMPKINS AVE  
**EPA (RCRA) Name:** G & J DRY CLEANERS  
**EPA (RCRA) Address:** 471 TOMPKINS AVE

BROOKLYN, NY 11216  
 BROOKLYN, NY 11216

**Facility Id:** NYR000046805  
 TT-Id: 740A-0011-629

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 92 feet to the S\*

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Notification date: 11/13/1997

Land Disposal: Receives offsite waste:  
 Storer: Treatment facility:

Incinerator:  
 Transporter:

Contact Name: ADRIEN JOSEPH Source Type: Implementer  
 Contact Name: ADRIEN JOSEPH Source Type: Notification

Contact Phone: 718-604-9300 Contact Info Date: 01/01/2007  
 Contact Phone: 718-604-9300 Contact Info Date: 11/13/1997

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	YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

**Map Identification Number 166**



**NYSDEC Name:**

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

**CON EDISON**

65 MACDONOUGH ST  
SB28442

CON EDISON SERVICE BOX: 28442

55 MCDONOUGH ST

BROOKLYN, NY 11216

BROOKLYN, NY 11216

**Facility Id: NYP004413118**

TT-Id: 740A-0102-234

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 215 feet to the SW

**ADDRESS CHANGE INFORMATION**

Revised street: 65 MAC DONOUGH ST

Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: THOMAS TEELING

Source Type: Emergency

Contact Phone: 212-460-3770

Contact Info Date: 01/06/2014

Contact Name: THOMAS TEELING

Source Type: Implementer

Contact Phone: 212-460-3770

Contact Info Date: 02/06/2014

**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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 167**



**EPA (RCRA) Name:**

EPA (RCRA) Address:

NYSDEC Name:

NYSDEC Address:

**CON EDISON**

439 TOMPKINS AVE & HALSEY ST

CONSOLIATED EDISON MH43003

MH43003 434 TOMPKINS AVE & HASLEY

BROOKLYN, NY 11216

BROOKLYN, NY

**Facility Id: NYP004183117**

TT-Id: 740A-0074-456

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 292 feet to the N

**ADDRESS CHANGE INFORMATION**

Revised street: 439 TOMPKINS AVE

Revised zip code: NO CHANGE

Special Note(s): The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: None Given

Incinerator:

Transporter:

Contact Name: CAROLINE ISKANDER

Source Type: Emergency

Contact Phone: 718-666-4714

Contact Info Date: 07/14/2009

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
D008	Lead	250	GALLONS	GENERATED	2009		

**Map Identification Number 168**  **NYSDEC Name:** **CONSOLIATED EDISON MH43003** **Facility Id:** **NYP004183117**  
 NYSDEC Address: MH43003 434 TOMPKINS AVE & HASLEY BROOKLYN, NY TT-Id: 740A-0065-897  
 EPA (RCRA) Name: CON EDISON  
 EPA (RCRA) Address: 439 TOMPKINS AVE & HALSEY ST BROOKLYN, NY 11216

MAP LOCATION INFORMATION  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 320 feet to the WNW

ADDRESS CHANGE INFORMATION  
 Revised street: 434 TOMPKINS AVE  
 Revised zip code: NO CHANGE

Special Note(s): The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR** Notification date: None Given  
 Land Disposal: Receives offsite waste: Incinerator:  
 Storer: Treatment facility: Transporter:  
 Contact Name: CAROLINE ISKANDER Source Type: Emergency Contact Phone: 718-666-4714 Contact Info Date: 07/14/2009

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
D008	Lead	250	GALLONS	GENERATED	2009		

**Map Identification Number 169**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
274 HALSEY AV  
SB20281

BROOKLYN, NY 11216

**Facility Id: NYP004715322**  
TT-Id: 740A-0132-922

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 321 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: 274 HALSEY 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	HISTORIC MAXIMUM YEAR
D008	Lead	300	POUNDS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 170**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
274 HALSEY ST  
SB 20281

BROOKLYN, NY 11216

**Facility Id: NYP004737201**  
TT-Id: 740A-0128-514

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 321 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 171**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
227 MACON ST  
SB 28638

BROOKLYN, NY 11216

**Facility Id: NYP004581021**  
TT-Id: 740A-1000-628

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 341 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 172**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
229 MACON ST  
STRUCTURE 28638

BROOKLYN, NY 11216

**Facility Id: NYP004599403**  
TT-Id: 740A-1000-770

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 358 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 173**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
229 MACON ST  
SB28638

BROOKLYN, NY 11201

**Facility Id: NYP004630265**  
TT-Id: 740A-1000-960

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 358 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
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
D008	Lead	20	GALLONS	GENERATED	2014		

**Map Identification Number 174**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
66 MACDONOUS ST  
SB28530

BROOKLYN, NY 11201

**Facility Id: NYP004510343**  
TT-Id: 740A-0111-169

EPA (RCRA) Name:  
EPA (RCRA) Address:

CON EDISON SERVICE BOX: 28530  
663 MCDONOUGH ST

BROOKLYN, NY 11233

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 389 feet to the SSW

**ADDRESS CHANGE INFORMATION**

Revised street: 66 MAC DONOUGH ST  
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal: Receives offsite waste:  
Storer: Treatment facility:

Notification date: None Given

Incinerator:  
Transporter:

Contact Name: THOMAS TEELING Source Type: Emergency  
Contact Name: THOMAS TEELING Source Type: Implementer

Contact Phone: 212-460-3770 Contact Info Date: 04/24/2014  
Contact Phone: 212-460-3770 Contact Info Date: 05/24/2014

**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
D008	Lead	75	GALLONS	GENERATED	2014		

**Map Identification Number 175**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004561569  
**NYSDEC Address:** FO 110 MCDONOUGH ST BROOKLYN, NY 11216 **TT-Id:** 740A-0121-609  
**EPA (RCRA) Name:** CON EDISON SERVICE BOX: 28452  
**EPA (RCRA) Address:** 110 MACDONOUGH ST BROOKLYN, NY 11216

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 392 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: IFO 110 MAC DONOUGH 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: THOMAS TEELING Source Type: Emergency

Contact Phone: 212-460-3770 Contact Info Date: 06/11/2014

Contact Name: THOMAS TEELING Source Type: Implementer

Contact Phone: 212-460-3770 Contact Info Date: 07/11/2014

**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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 176**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004561627  
**NYSDEC Address:** FO 109 MCDONOUGH ST BROOKLYN, NY 11216 **TT-Id:** 740A-0121-608  
**EPA (RCRA) Name:** CON EDISON SERVICE BOX: 28448  
**EPA (RCRA) Address:** 109 MACDONOUGH ST BROOKLYN, NY 11216

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 407 feet to the ESE

**ADDRESS CHANGE INFORMATION**

Revised street: IFO 109 MAC DONOUGH 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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 06/11/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 07/11/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 177**  **NYSDEC Name: CON EDISON** **Facility Id: NYP004566097**  
 NYSDEC Address: FO 257 HALSEY ST BROOKLYN, NY 11216 TT-Id: 740A-1001-782  
 EPA (RCRA) Name: CON EDISON SERVICE BOX: 20278  
 EPA (RCRA) Address: 257 HALSEY ST BROOKLYN, NY 11216

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION  
 Site location mapped by: MANUAL MAPPING (3) Revised street: NO CHANGE  
 Approximate distance from property: 411 feet to the NNE 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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 06/16/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 07/16/2014

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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 178**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
FO 257 HALSEY ST  
SB 20278

BROOKLYN, NY 11216

**Facility Id: NYP004572632**  
TT-Id: 740A-1001-873

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 411 feet to the NNE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 179**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
FO 114 MCDONOUGH ST  
SB 28453  
EPA (RCRA) Name: CON EDISON SERVICE BOX: 28453  
EPA (RCRA) Address: 114 MACDONOUGH ST

BROOKLYN, NY 11216

BROOKLYN, NY 11216

**Facility Id: NYP004561601**  
TT-Id: 740A-0121-610

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 428 feet to the ESE

ADDRESS CHANGE INFORMATION

Revised street: IFO 114 MAC DONOUGH ST  
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal: Receives offsite waste:  
Storer: Treatment facility:

Notification date: None Given

Incinerator:  
Transporter:

Contact Name: THOMAS TEELING Source Type: Emergency  
Contact Name: THOMAS TEELING Source Type: Implementer

Contact Phone: 212-460-3770 Contact Info Date: 06/11/2014  
Contact Phone: 212-460-3770 Contact Info Date: 07/11/2014

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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 180**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004724159  
**NYSDEC Address:** 292 HALSEY ST BROOKLYN, NY 11216 **TT-Id:** 740A-0128-350  
 SB20463

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 433 feet to the NE

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 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
D008	Lead	500	POUNDS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 181**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004660635  
**NYSDEC Address:** FRONT OF 13 DECATUR ST BROOKLYN, NY 11216 **TT-Id:** 740A-1002-572  
 SB17404

**MAP LOCATION INFORMATION**  
 Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 443 feet to the SSE

**ADDRESS CHANGE INFORMATION**  
 Revised street: IFO 13 DECATUR 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
D008	Lead	50	GALLONS	GENERATED	2014		

**Map Identification Number 182**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004425666  
 NYSDEC Address: 27 DECATUR ST BROOKLYN, NY 11216 TT-Id: 740A-0100-122  
 EPA (RCRA) Name: CON EDISON SERVICE BOX: 17405  
 EPA (RCRA) Address: 27 DECATUR ST BROOKLYN, NY 11216

**MAP LOCATION INFORMATION**  
 Site location mapped by: PARCEL MAPPING (1)  
 Approximate distance from property: 445 feet to the SE

**ADDRESS CHANGE INFORMATION**  
 Revised street: NO CHANGE  
 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: THOMAS TEELING Source Type: Emergency Contact Phone: 212-460-3770 Contact Info Date: 01/25/2014  
 Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 02/25/2014

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
D008	Lead	100	GALLONS	GENERATED	2014		

**Map Identification Number 183**  **NYSDEC Name:** CONSOLIDATED EDISON **Facility Id:** NYP004041562  
 NYSDEC Address: 75474-TOMPkins & DECATUR AVE BROOKLYN, NY 11201 TT-Id: 740A-0014-720  
 EPA (RCRA) Name: MH2474  
 EPA (RCRA) Address: C/O DECATUR STREET. AND TOMKIN NEW YORK CITY, NY 11216

**MAP LOCATION INFORMATION**  
 Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 464 feet to the S

**ADDRESS CHANGE INFORMATION**  
 Revised street: DECATUR ST / TOMPKINS AVE  
 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: ANTHONY DRUMMINGS Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 01/03/2001  
 Contact Name: ANTHONY DRUMMINGS Source Type: Annual/Biennial Report Contact Phone: 212-460-3770 Contact Info Date: 01/01/2001

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	2091	KILOGRAMS	GENERATED	1999		

**Map Identification Number 184**  **NYSDEC Name: CONSOLIDATED EDISON** **Facility Id: NYP004160560**  
 NYSDEC Address: TOMPKINS AVE & DECATUR ST BROOKLYN, NY 11201 TT-Id: 740A-0064-650  
 EPA (RCRA) Name: CON EDISON  
 EPA (RCRA) Address: TOMPKINS AVE & DECATUR ST BROOKLYN, NY 11216

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
 Approximate distance from property: 464 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: TOMPKINS AVE / DECATUR ST  
 Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR Notification date: None Given  
 Land Disposal: Receives offsite waste: Incinerator:  
 Storer: Treatment facility: Transporter:  
 Contact Name: MICHAEL D'AGOSTINO Source Type: Emergency Contact Phone: 917-559-8958 Contact Info Date: 08/19/2008

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
D008	Lead	100	POUNDS	GENERATED	2008		

**Map Identification Number 185**



**NYSDEC Name:**

NYSDEC Address:  
EPA (RCRA) Name:  
EPA (RCRA) Address:

**MTA NYCT DECATUR SUBSTATION**

DECATUR AVE & TOMPKINS ST  
MTA NYCT DECATUR SUBSTATION  
DECATUR AVE & TOMPKINS ST

BROOKLYN, NY 11216

BROOKLYN, NY 11216

**Facility Id: NYR000036558**

TT-Id: 740A-0014-719

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING  
Approximate distance from property: 464 feet to the S

ADDRESS CHANGE INFORMATION

Revised street: DECATUR ST / TOMPKINS AVE  
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN

Land Disposal: Receives offsite waste:

Storer: Treatment facility:

Contact Name: HOWARD MATZA

Source Type: Notification

Notification date: 03/13/1997

Incinerator:

Transporter:

Contact Phone: 718-243-4581 Contact Info Date: 03/13/1997

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	YEAR
D008	Lead	250	POUNDS	GENERATED	2014		

**Map Identification Number 186**



**NYSDEC Name:**

NYSDEC Address:

**CON EDISON**

FRONT OF 277 HALSEY ST  
SB20279

BROOKLYN, NY 11216

**Facility Id: NYP004663266**

TT-Id: 740A-1002-584

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 550 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: 277 HALSEY 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
D008	Lead	80	GALLONS	GENERATED	2014		

**Map Identification Number 187**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004702692  
**NYSDEC Address:** FRONT OF 277 HALSEY ST BROOKLYN, NY 11216 **TT-Id:** 740A-0129-602  
 SB20279

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 550 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
 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
D008	Lead	120	GALLONS	GENERATED	2014		

**Map Identification Number 188**  **NYSDEC Name:** CON EDISON **Facility Id:** NYP004727053  
**NYSDEC Address:** FRONT OF 1427 FULTON ST BROOKLYN, NY 11201 **TT-Id:** 740A-0129-887  
 SB49875

**MAP LOCATION INFORMATION**

Site location mapped by: MANUAL MAPPING (3)  
 Approximate distance from property: 561 feet to the SSW

**ADDRESS CHANGE INFORMATION**

Revised street: IFO 1427 FULTON 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
D008	Lead	60	GALLONS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 189**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
277 HALSEY ST  
SB20279

BROOKLYN, NY 11201

**Facility Id: NYP004736062**  
TT-Id: 740A-0128-494

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 595 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
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
D008	Lead	50	GALLONS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 190**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
314 HALSEY ST  
SB 20283

BROOKLYN, NY 11216

**Facility Id: NYP004750592**  
TT-Id: 740A-0128-718

**MAP LOCATION INFORMATION**

Site location mapped by: PARCEL MAPPING (1)  
Approximate distance from property: 609 feet to the NE

**ADDRESS CHANGE INFORMATION**

Revised street: NO CHANGE  
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
D008	Lead	600	POUNDS	GENERATED	2015		

NOTE: 2015 waste amounts are for 1/1/2015 to 8/3/2015 only

**Map Identification Number 191**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
1409 FULTON ST  
SB 19872

BROOKLYN, NY 11216

**Facility Id: NYP004791877**  
TT-Id: 740A-0136-474

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
Approximate distance from property: 614 feet to the SW

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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
NONE	No hazardous waste activity reported by NYS up to 8/3/2015.						

**Map Identification Number 192**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
FRONT OF 283 HALSEY ST  
STRUCTURE 20280

BROOKLYN, NY 11216

**Facility Id: NYP004684775**  
TT-Id: 740A-0129-426

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 620 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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
D008	Lead	60	GALLONS	GENERATED	2014		

**Map Identification Number 193**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
FRONT OF 51 DECATUR ST  
SB17406

BROOKLYN, NY 11216

**Facility Id: NYP004663076**  
TT-Id: 740A-1002-581

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 635 feet to the SE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
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
D008	Lead	70	GALLONS	GENERATED	2014		

**Map Identification Number 194**



**NYSDEC Name:**  
NYSDEC Address:

**CON EDISON**  
O/F 285A HALSEY ST  
SB10280

BROOKLYN, NY 11216

**Facility Id: NYP004383568**  
TT-Id: 740A-0103-692

MAP LOCATION INFORMATION

Site location mapped by: MANUAL MAPPING (3)  
Approximate distance from property: 642 feet to the NE

ADDRESS CHANGE INFORMATION

Revised street: IFO 285 HALSEY 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	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2013		

Map Identification Number 195



NYSDEC Name:

NYSDEC Address:

EPA (RCRA) Name:

EPA (RCRA) Address:

JUNIOR HIGH SCHOOL 258 K

141 MACON ST

NYC DEPT OF EDUCATION - I S 258K

141 MACON ST

BROOKLYN, NY 11216

BROOKLYN, NY 11216

Facility Id: NYR000057646

TT-Id: 740A-0011-641

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (1)

Approximate distance from property: 652 feet to the W

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE

Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR

Land Disposal:

Receives offsite waste:

Storer:

Treatment facility:

Notification date: 07/06/1998

Incinerator:

Transporter:

Contact Name: FRANK CARDELLO

Source Type: Implementer

Contact Phone: 718-391-6832

Contact Info Date: 01/01/2007

Contact Name: ALEXANDER LEMPERT

Source Type: Notification

Contact Phone: 718-472-8501

Contact Info Date: 02/19/2013

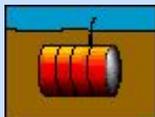
NYS DEC Manifested Waste Summary:

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
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	363	KILOGRAMS	GENERATED	2013		
More than one waste code was reported for the following waste amount:		28	KILOGRAMS	GENERATED	2013		
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm						
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.						
D001	Solid waste that exhibits the characteristic of ignitability	105	POUNDS	GENERATED	2009		
D002	Solid waste that exhibits the characteristic of corrosivity	1	POUNDS	GENERATED	2009	412	1998

NYS DEC Manifested Waste Transactions for NYR000057646 continued ----

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:		6	POUNDS	GENERATED	2009		
D001	Solid waste that exhibits the characteristic of ignitability						
D003	Solid waste that exhibits the characteristic of reactivity						
More than one waste code was reported for the following waste amount:		3	POUNDS	GENERATED	2009		
D001	Solid waste that exhibits the characteristic of ignitability						
D011	Silver						
More than one waste code was reported for the following waste amount:		1	POUNDS	GENERATED	2009		
D009	Mercury						
U151	Mercury						
U239	Xylene (l)	100	POUNDS	GENERATED	1998		



***NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS***



***NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS***



***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 196**



**BLACKSTAR &SON PROD**  
1469 FULTON STREET

BROOKLYN, NY 11216

**FINDS Id: NYD986919751**  
State-county CDS id: 3604700974  
TT-ID: 900A-0001-753

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
Approximate distance from property: 557 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

This site was identified in the EPA FINDS database. No air pollutant information given here.

**Map Identification Number 197**



**BLACKSTAR &SON PROD**  
1469 FULTON STREET

BROOKLYN, NY 11216

**FINDS Id: NYD986919751**  
State-county CDS id: 3604780209  
TT-ID: 900A-0001-862

MAP LOCATION INFORMATION

Site location mapped by: PARCEL MAPPING (3)  
Approximate distance from property: 557 feet to the SSE

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE  
Revised zip code: NO CHANGE

This site was identified in the EPA FINDS database. No air pollutant information given here.



***NO CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS***



***NO NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS – "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS***

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS  
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF  
461-463 Tompkins Avenue  
Brooklyn, NY 11216

\* 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

NEW YORK STATE DEPARTMENT OF HEALTH RADON DATA  
FOR THE ZIPCODE OF:  
11216

NUMBER OF HOMES TESTED  
1

AVERAGE FOR THE ZIP  
1.70 PCI/LITER

STANDARD DEVIATION  
1.00 PCI/LITER

MAXIMUM READING FOR THE ZIP  
1.7 PCI/LITER

Unmappable facilities for 'Kings' County

NPL/CERCLIS/NYSDEC Inactive Haz. Waste or Reg. Qual. Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
224020	DESIGNERS WOODCRAFT	224020 DESIGNERS WOODCRAFT		UNKNOWN
224039	NJZ COLORS	224039 NJZ COLORS	BROOKLYN	UNKNOWN
NYD980531628	WILLIAM HARVEY CORP	UNKNOWN	BROOKLYN	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
24T13	NY CROSS HARBOR RR			UNKNOWN
24T55	CARDELLA TRUCKING			UNKNOWN
24T75	ROBERT BOLOGNA WCTB INC.			UNKNOWN
24TA8	U.S. COAST LINE, INC.			UNKNOWN
24TA9	NY CROSS HARBOR RR CORP.			UNKNOWN
24TB3	J. WISE EXCAVATING			UNKNOWN
24Y81	NYCDPR YARD WASTE COMPOST			UNKNOWN
NY00000001681	BIG EXCAVATING & DEMO	UNKNOWN	UNKNOWN	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0308367	AGUANA SUBSTATION	104-27 STREET	BROOKLYN	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8607075	SPILL NUMBER 8607075			UNKNOWN
9313502	1782 GLEASON AVE	1782 GLEASON AVE	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
8802622	85-09 1ST AVENUE	85-09 1ST AVENUE	NEW YORK CITY	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	SPILL NUMBER 9213773			UNKNOWN
8603146	SPILL NUMBER 8603146			UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
9912359	BOX 20341	715 PAHALEY ST	BROOKLYN	UNKNOWN
9907077	MANHOLE 58390	NECKING LAND AVE	BROOKLYN	UNKNOWN
9903270	VAULS VS3031	E SIDE OF GATES AVE	BROOKLYN	UNKNOWN
9901523	BROWNING FERRIS INDUSTRIE	115 CANGNEF STREET ?	BROOKLYN	UNKNOWN
9815288	MANHOLE 14244	29-39 HAYWOOD ST	BROOKLYN	UNKNOWN
9813982	SERVICE BOX 49009	SERVICE BOX 49009	BROOKLYN	UNKNOWN
9812837	MANHOLE 65847	SOUTHSIDE MACON ST	BROOKLYN	UNKNOWN
9812720	SPILL NUMBER 9812720	2929 BAINBRIDGE AVE	BROOKLYN	UNKNOWN
9810044	TM 762	TROY AVE	BROOKLYN	UNKNOWN
9801951	432 DRAKES AVE CORP	432 DRAKES AVE	BROOKLYN	UNKNOWN
9412310	217 HYLAND ST	217 HYLAND ST	BROOKLYN	UNKNOWN
9312482	NAVESINK RIVER CHANNEL #7	NAVESINK RIVER CHANNEL #7	BROOKLYN	UNKNOWN
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
9004558	GUID AVE BRIDGE/BKLYN	GUID AVE BRIDGE	BROOKLYN	UNKNOWN
8704318	SPILL NUMBER 8704318		BROOKLYN	UNKNOWN
8504687	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	SPILL NUMBER 7900928		BROOKLYN	UNKNOWN
1009098	221503; ALBANY AVE	ALBANY AVE	BROOKLYN	UNKNOWN
1008910	222188; ATLANTIC AVE	ATLANTIC AVE	BROOKLYN	UNKNOWN
1008899	221814; FULTON ST	FULTON ST	BROOKLYN	UNKNOWN
1008890	221578; ATLANTIC AVE	ATLANTIC AVE	BROOKLYN	UNKNOWN
0911395	MANHOLE 14818	ATLANTIC AVE	BROOKLYN	UNKNOWN
0808978	2035 MAN HOLE	QUINCY STREET	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
0701898	ONE PINT OIL IN MANHOLE 63173	ST. MARKS AVE	BROOKLYN	UNKNOWN
0502166	ATLANTIC AVE STATION-BARCLAY CENTER	A-4 TRACK SOUTH (D,N,R LINES)	BROOKLYN	UNKNOWN
0410369	RESIDENCE	57 BRAND STREET	BROOKLYN	UNKNOWN
0409872	1231 28TH STREET	1231 28TH STREET	BROOKLYN	UNKNOWN
0405797	VAULT #VS-7930	3411 JUIEER AVE	BROOKLYN	UNKNOWN
0405023	VAULT # 3182	DEBEVOIST PLACE/LAFAYETTE	BROOKLYN	UNKNOWN
0402927	TRANSFORMER MANHOLE 2091	ATLANTIC AVE/TERRY PL	BROOKLYN	UNKNOWN
0400597	CON ED MANHOLE#65848	MACON STREET	BROOKLYN	UNKNOWN
0313741	MANHOLE 65796	SOUTHSIDE MACON ST	BROOKLYN	UNKNOWN
0312773	SUBWAY SYSTEM-A LINE	TRACK A-3- COLUMN 792	BROOKLYN	UNKNOWN
0310941	MANHOLE 32221 FRONT OF	298 HAWKSIDE AVE	BROOKLYN	UNKNOWN
0307315	TM 0610	BRIGHTON CT & 7TH ST	BROOKLYN	UNKNOWN
0211077	ALL OVER BROOKLYN	ALL OVER BROOKLYN	BROOKLYN	UNKNOWN
0109943	CONSTRUCTION SITE	1803 SHORE BLVD	BROOKLYN	UNKNOWN
0010902	MANHOLE #61600	WEST SERVICE RD TO BQE	BROOKLYN	UNKNOWN
0006931	MANHOLE 50429	SIMMONS AVE/7TH AVE	BROOKLYN	UNKNOWN
0006929	MANHOLE 504	FLUSHING AVE	BROOKLYN	UNKNOWN
0406565	CONONCOPHILLIPS	1400 PARK AVE	LINDEN	UNKNOWN
9904431	SPILL NUMBER 9904431	FLUSHING/QUARTER AVE	MANHATTAN	UNKNOWN
9103671	145 UNEDON ROAD/BKLYN	145 UNEDON ROAD	NEW YORK CITY	UNKNOWN
9100710	PRESIDENT STA/EASTERN PKW	N OF PRESIDENT STA/E PKWY	NEW YORK CITY	UNKNOWN
8000630	FULTON STREET	FULTON ST	NEW YORK CITY	UNKNOWN
9206476	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN
8504666	UNK	UNKNOWN	UNKNOWN	UNKNOWN
9712672	SPILL NUMBER 9712672	SEAWAY SERVICE STATION, R	WAYLAND	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1209744	BROOKLYN BATTERY TUNNEL	BROOKLYN BATTERY TUNNEL		UNKNOWN
9404620	BROOKLYN EXPWY	UNDER B'KLYN EXPWY	BRONX	UNKNOWN
1404067	IN COMPACTOR ROOM	740 EUCLID AVE	BRONX	UNKNOWN
1006871	COMMERCE PUMP STATION	COMMERCE RD	BRONX	UNKNOWN
1111553	CONSTRUCTION SITE - NO ADDRESS	TARGET BASIN CHANNEL - ALONG BELL PARKWA	BROOKLY	UNKNOWN
9914811	POLE #18923	MANOR RD/HOLLYWOOD AVE	BROOKLYN	UNKNOWN
9910313	MANHOLE 60200	FLUSHING AVE	BROOKLYN	UNKNOWN
9907586	VAULT 2488	45 DEBEVOISE PLACE	BROOKLYN	UNKNOWN
9604938	STAPLETON ANCHORAGE	NY UPPER BAY	BROOKLYN	UNKNOWN
9602674	CROSS HARBOR	BOX 182	BROOKLYN	UNKNOWN
9510467	DRIVER SERVICES CO	172 CARSON AVE	BROOKLYN	UNKNOWN
9505269	N. ELEANOR PL/WILLIAMBURG	MANHOLE #55915/ELEANOR PL	BROOKLYN	UNKNOWN

9400526	GATES AVENUE	GATES AVENUE	BROOKLYN	UNKNOWN
9314528	55 FULTON ST.	55 FULTON ST	BROOKLYN	UNKNOWN
9308950	JAMAICA REGULATOR #3	JAMAICA REGULATOR #3	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
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	SPILL NUMBER 8606856		BROOKLYN	UNKNOWN
1503110	ROADWAY	MCDONALD PARKWAY	BROOKLYN	UNKNOWN
1406793	ROADWAY	CROSBY AVE/BAY 49TH ST	BROOKLYN	UNKNOWN
1308747	DRUM RUN	6637 WILLIAMS AVE	BROOKLYN	UNKNOWN
1307940	WATER	REDHOOK FLATS	BROOKLYN	UNKNOWN
1305701	DRUM RUN	276 STANLEY AVE	BROOKLYN	UNKNOWN
1303396	MOTOR VEHICLE ACCIDENT	GARRISON INLET BRIDGE	BROOKLYN	UNKNOWN
1303221	INTERSECTION OF	SEAVIEW AVE / SKIN ST	BROOKLYN	UNKNOWN
1302260	POLE 41239	EAST 49TH STREET	BROOKLYN	UNKNOWN
1216620	SVOC'S AT DEVELOPMENT SITE	340 GATEWAY DRIVE	BROOKLYN	UNKNOWN
1213724	TRANS VAULT 6531	CLARK ST AND 6TH ST	BROOKLYN	UNKNOWN
1211499	BASEMENT	36 PARGETHE STREET	BROOKLYN	UNKNOWN
1209854	NYC TRANSIT SPILL ON TRACK	MONTAQUE RAIL STATION IN TUBE	BROOKLYN	UNKNOWN
1209775	BROOKLYN	ALL STREETS	BROOKLYN	UNKNOWN
1208189	SANDY FOLLOW UP	MARGINEL STREET	BROOKLYN	UNKNOWN
1207421	NYC TRANSIT BUS	DECATUR AVE AND 4TH AVE	BROOKLYN	UNKNOWN
1207169	STREET	WHIKOSS AVE	BROOKLYN	UNKNOWN
1206293	ON ROAD (BUS #6493)	FRESH POND RD AND 6TH AVE	BROOKLYN	UNKNOWN
1202805	MANHOLE #60674	DEKALB AVE	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
1110887	NYS TRANSIT FACILITY	1500 LINDEN BLVD	BROOKLYN	UNKNOWN
1101447	POLE # 62699	2715 ROUND ST	BROOKLYN	UNKNOWN
1009088	221422; S NY AVE	S NY AVE	BROOKLYN	UNKNOWN
1008869	220407; ATLANTIC AVE	ATLANTIC AVE	BROOKLYN	UNKNOWN
1007934	TO ROADWAY	ATLANTIC AND 127TH ST	BROOKLYN	UNKNOWN
1003496	TM # 78	NORTHSIDE OF MONTROSE AVE	BROOKLYN	UNKNOWN
1002941	ON ROADWAY	ON BQE BETWEEN	BROOKLYN	UNKNOWN
0914587	219027; 86 STREET AND 17 STREET	86 STREET AND 17 STREET	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
0906724	HTV 5534	LIRR TRAIN YARD/ATLANTIC AVE PACIFIC ST	BROOKLYN	UNKNOWN
0811073	TRANSFORMER VAULT	SURF AVE & 43RD ST	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
0712922	BREE AVE AND BRIGGS AVE	BREE AVE AND BRIGGS AVE	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

0511386	MANHOLE 66088	WEST SIDE ALABAMA AVE	BROOKLYN	11207
0510930	BOYS & GIRLS SCHOOL	1700 FULTON STREET	BROOKLYN	11213
0510034	PUBLIC HOUSING	1841 FULTON ST	BROOKLYN	11233
0508865	GOWANAS EXPRESSWAY	MEDIAN MILE 3RD/6TH EXIT	BROOKLYN	UNKNOWN
0506320	MANHOLE 3223	MACON ST. 20 FT WEST OF M	BROOKLYN	UNKNOWN
0503928	MANHOLE 23700	PALISADES AVE	BROOKLYN	UNKNOWN
0409645	BUS	ROCKLAND/UTICA	BROOKLYN	UNKNOWN
0406859	BUS #8401	GATES/UTICA AVE	BROOKLYN	UNKNOWN
0405408	BROOKLYN QUEENS EXPRSS.	WEST BOUND/BAYRIDGE EXIT	BROOKLYN	UNKNOWN
0402928	SPILL NUMBER 0402928	ATLANTIC AVE/TERRY PL	BROOKLYN	UNKNOWN
0402627	VS 4206	WEST SIDE BROOKLYN AVE	BROOKLYN	UNKNOWN
0402577	ON THE ROADWAY	BAYRIDGE/COLONIE RD	BROOKLYN	11209
0400995	ON ROAD	INTER. NORSTRAND/BURSTERN	BROOKLYN	UNKNOWN
0400281	MANHOLE#66064	37TH STREET	BROOKLYN	UNKNOWN
0307966	SPILL NUMBER 0307966	QUEENS CO. HOSPITAL	BROOKLYN	UNKNOWN
0210185	11TH ST YARD	11TH ST	BROOKLYN	UNKNOWN
0207970	OPPOSITE	1630 SEMARKS AVE	BROOKLYN	UNKNOWN
0203531	SPILL NUMBER 0203531	PLEASANT & METROPOLITAN	BROOKLYN	UNKNOWN
0108906	SPILL NUMBER 0108906	7TH AVE & WEST 35TH ST	BROOKLYN	UNKNOWN
0105353	TM 788	HERKIMER ST & NOXON AVE	BROOKLYN	UNKNOWN
0104610	CORONA YARD	UNKNOWN	BROOKLYN	UNKNOWN
0101158	VERIZON	30 MYTRLE ST	MANHATTAN	UNKNOWN
0806423	NEW YORK HARBOR OUTER ANCHORAGE.	NEW YORK HARBOR	NEW YORK	UNKNOWN
9009359	ATLANTIC AVE/HERKIMER ST	ATLANTIC AVE/HERKIMER ST	NEW YORK CITY	UNKNOWN
8901733	6TH ST & 27TH ST/BKLYN	6TH STREET & 27TH STREET	NEW YORK CITY	UNKNOWN
8810118	BLDG 3 SUB STATION/BKLYN	BLDG 3 SUB STATION	NEW YORK CITY	UNKNOWN
8809003	ATLANTIC AVE & BEVERLY RD	ATLANTIC AVE & BEVERLY RD	NEW YORK CITY	UNKNOWN
0814069	AMBROSE CHANNEL LOWER BAY	UNK	NEW YORK CITY	UNKNOWN

Petroleum Bulk Storage Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2-237280	1160 REALTY CO	1160 REALTY CO	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
NYP004019766	CONSOLIDATED EDISON CO	V462 WILLIAM ST		UNKNOWN
NYP004156964	CONSOLIDATED EDISON	3468 AVE & PACIFIC AVE	BRONX	UNKNOWN
NYP000788471	USEPA	ERRD	BROOKLYN	UNKNOWN
NYP000913806	NYNEX	BROOKLYN AVE	BROOKLYN	UNKNOWN
NYP000927004	CONSOLIDATED EDISON	MACON STREET	BROOKLYN	UNKNOWN
NYP000928846	CONSOLIDATED EDISON	MH 64217-BROOKLYN GRAND	BROOKLYN	UNKNOWN
NYP000929257	CONSOLIDATED EDISON	5 MARKS ST	BROOKLYN	UNKNOWN
NYP004057972	CONSOLIDATED EDISON	MH21248	BROOKLYN	UNKNOWN
NYP004059010	CONSOLIDATED EIDSON	N/S	BROOKLYN	UNKNOWN
NYP004070264	CONSOLIDATED EDISON	MH12645	BROOKLYN	UNKNOWN
NYP004074357	CONSOLIDATED EDISON	MH61205	BROOKLYN	UNKNOWN
NYP004076185	CONSOLIDATED EDISON	MH7746	BROOKLYN	UNKNOWN
NYP004183331	CONSOLIDATED EDISON MH42983	MH42983 323 TANAKING AVE	BROOKLYN	UNKNOWN
NYP004192154	CONSOLIDATED EDISON MH27077	MH27077	BROOKLYN	UNKNOWN
NYP004198099	CONSOLIDATED EDISON	F/O 1802 & 1809 AVE & 618 ST	BROOKLYN	UNKNOWN
NYP004478004	CON EDISON	997 MONROE STREET	BROOKLYN	UNKNOWN
NYP004596516	CON EDISON	NEC 457 TURNPIKE AVE	BROOKLYN	11216
NYR000082107	NYCTA	HALSEY ST	BROOKLYN	UNKNOWN
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYP004141438	CONSOLIDATED EDISON	4 IRIVNG PL RM 828	NEW YORK	UNKNOWN
NYP004003778	CONSOLIDATED EDISON	V815 - UNION AVE	QUEENS	UNKNOWN
NYP004023495	CONSOLIDATED EDISON	MH68421 BROOKLYN AVE & BEDFORD	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.
- D008 Lead
- U239 Xylene (l)

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

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.

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

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.

or Manual Mapping

or Site Visit

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.<sup>1</sup>  
Data attributes updated from: 5/28/2015. Data obtained by Toxics Targeting: 5/28/2015.  
New Facilities updated through: 5/28/2015. Data obtained by Toxics Targeting: 5/28/2015.

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.<sup>2</sup>  
Data attributes updated through: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.  
New Facilities updated to: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.

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 Agency<sup>1</sup>  
Data attributes updated through: 8/13/2015. Data obtained by Toxics Targeting: 8/13/2015.  
New facilities updated through: 5/12/2015. Data obtained by Toxics Targeting: 5/14/2015.

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.<sup>1</sup>  
Data attributes updated through: 10/25/2013. Data obtained by Toxics Targeting: 1/7/2014.  
New Facilities updated through: 10/25/2013. Data obtained by Toxics Targeting: 1/7/2014.

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.<sup>2</sup>  
Data attributes updated through: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.  
New Facilities updated to: 7/26/2015. Data obtained by Toxics Targeting: 7/26/2015.

- (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.<sup>2</sup>  
Data updated to: 4/1/2013. Data obtained by Toxics Targeting: 4/1/2013.

(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 Division of Environmental Remediation 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.<sup>2</sup>

New facilities updated through: 8/3/2015. New facilities obtained by Toxics Targeting: 8/14/2015.  
Manifest transactions data updated to: 8/3/2015. Manifest transactions data obtained by Toxics Targeting: 8/14/2015.

(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 Agency<sup>1</sup>

New facilities updated through: 8/13/2015.

Data obtained by Toxics Targeting: 8/13/2015.

Data attributes updated through: 8/13/2015.

Data obtained by Toxics Targeting: 8/13/2015.

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.<sup>2</sup>

New spills through: 7/30/2015

New spills data obtained by Toxics Targeting: 7/30/2015

Spill attribute data through: 7/30/2015

Spill attribute data obtained by Toxics Targeting: 7/30/2015

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.<sup>2</sup>

Data updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

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.<sup>2</sup>

New facilities updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

Tank data updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

(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 Division of Environmental Remediation pursuant to New York State Law. ASTM required.\* Fannie Mae required.\*\* Source: New York State Department of Environmental Conservation.<sup>2</sup>

New facilities updated through: 4/28/2015.

New facilities obtained by Toxics Targeting: 5/18/2015.

Manifest transactions data updated to: 8/03/2015.

Manifest transactions data obtained by Toxics Targeting: 8/14/2015.

(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 Agency<sup>1</sup>

New facilities updated through: 5/12/2015.

Data obtained by Toxics Targeting: 5/14/2015.

Data attributes updated through: 8/13/2015.

Data obtained by Toxics Targeting: 8/13/2015.

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.<sup>2</sup>

Data updated through: 8/3/2015.

Data obtained by Toxics Targeting: 8/3/2015.

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.<sup>2</sup>

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.<sup>1</sup> / NYS Department of Environmental Conservation<sup>2</sup>

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.<sup>1</sup>

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 Agency<sup>1</sup>

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.<sup>1</sup>

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.

Data updated through: 4/28/2015.

Source: New York City Department of Planning<sup>3</sup>

Data obtained by Toxics Targeting: 5/24/2015.

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.

Data updated through: 1/31/2000.

Source: U. S. Environmental Protection Agency.<sup>1</sup>

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.<sup>2</sup>

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).

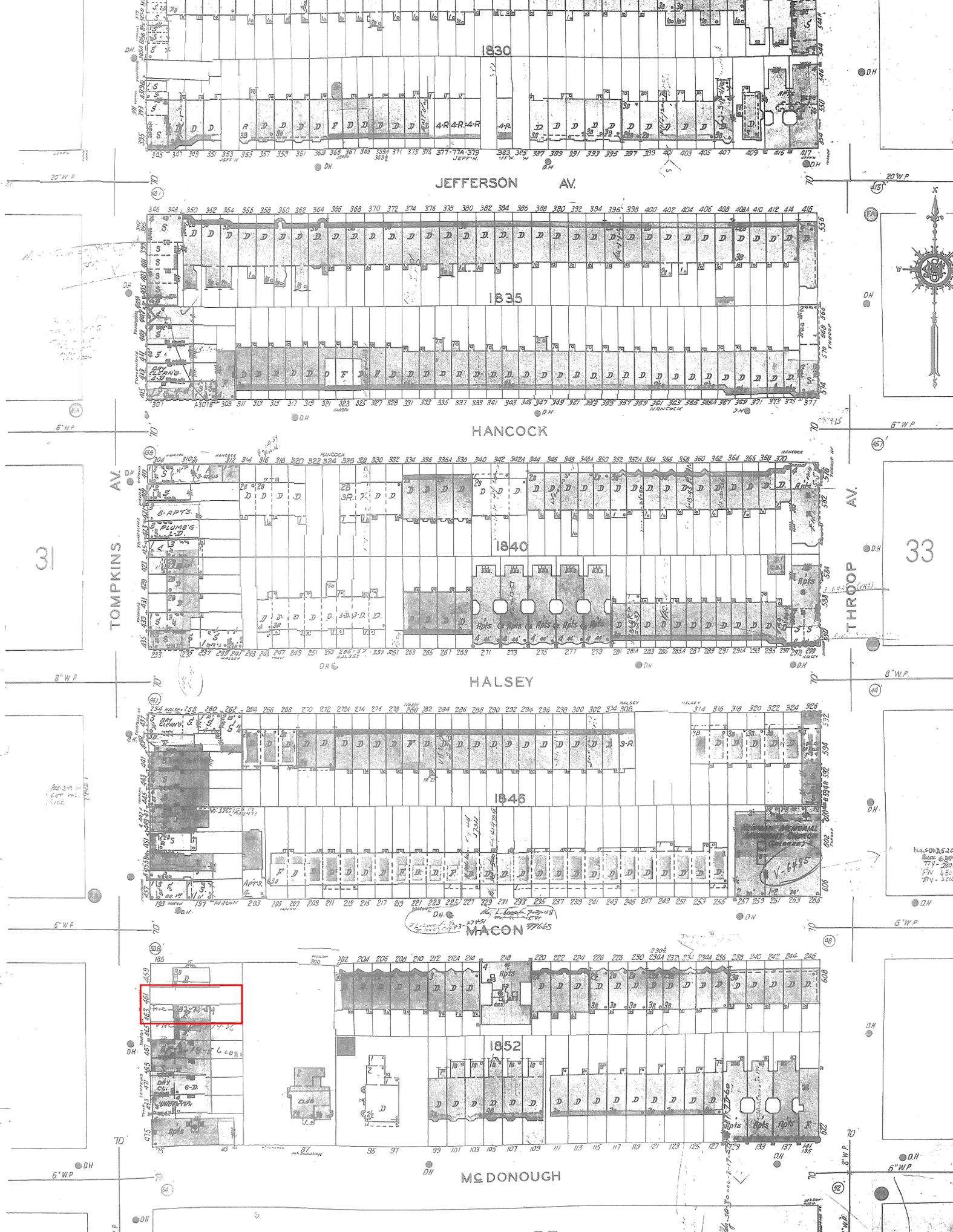
<sup>1</sup>U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

<sup>2</sup>NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

<sup>3</sup>New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

**Appendix F**  
Historic Sanborn Maps

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY



1830

JEFFERSON AV.

1835

HANCOCK

1840

HALSEY

1846

MACON

1852

MC DONOUGH

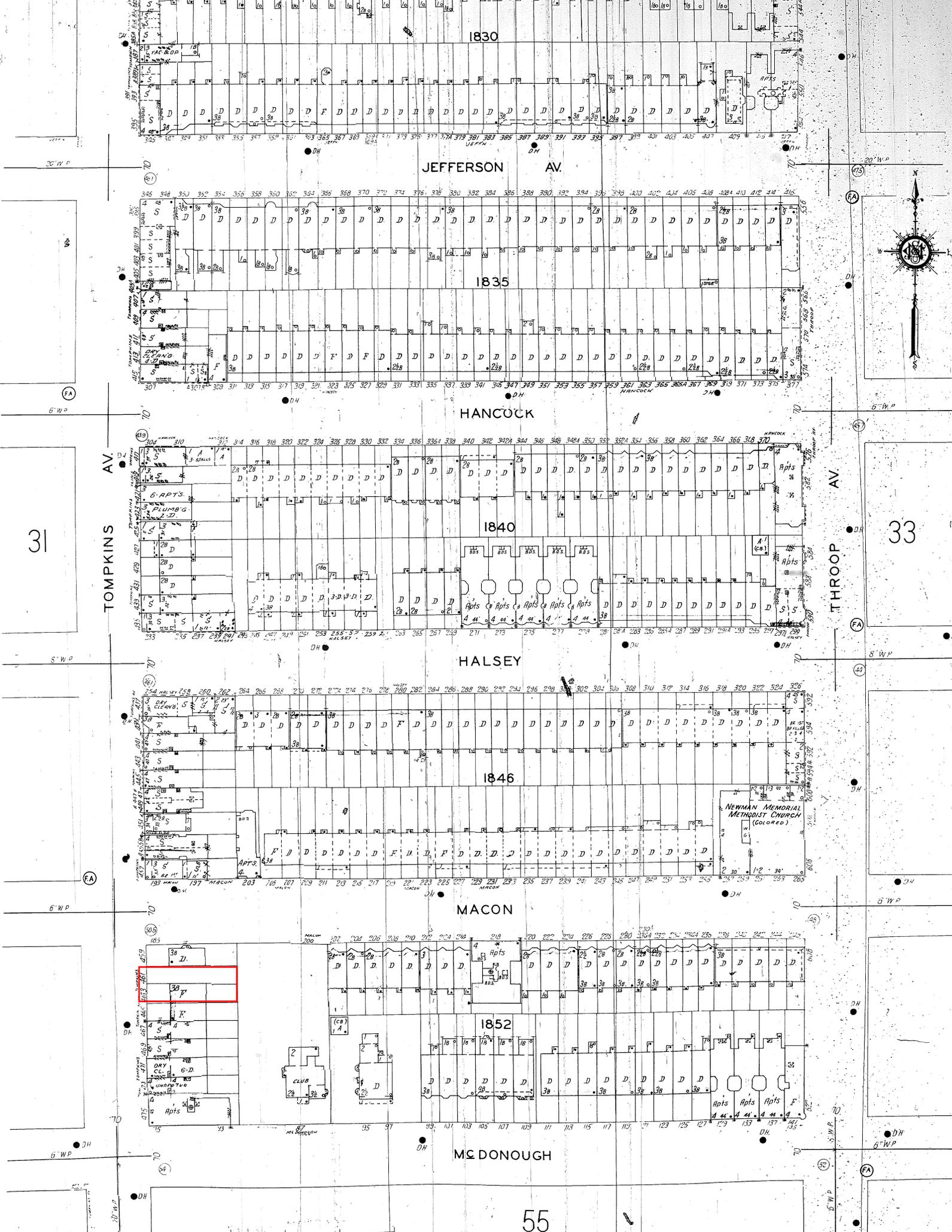
31

33



SCALE 60 FT TO ONE INCH

55



1830

JEFFERSON AV.

1835

HANCOCK

TOMPKINS AV.

31

1840

HALSEY

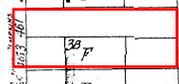
THROOP AV.

33

1846

MACON

NEWMAN MEMORIAL  
METHODIST CHURCH  
(COLORED)



1852

MC DONOUGH

BROOKLYN, N.Y. VOL. 5. (591)  
**32**  
(32)

18

PUTNAM AV.

1830

JEFFERSON AV.

1835

HANCOCK

1840

HALSEY

1846

MACON

1852

MC DONOUGH

55

NY . 010.

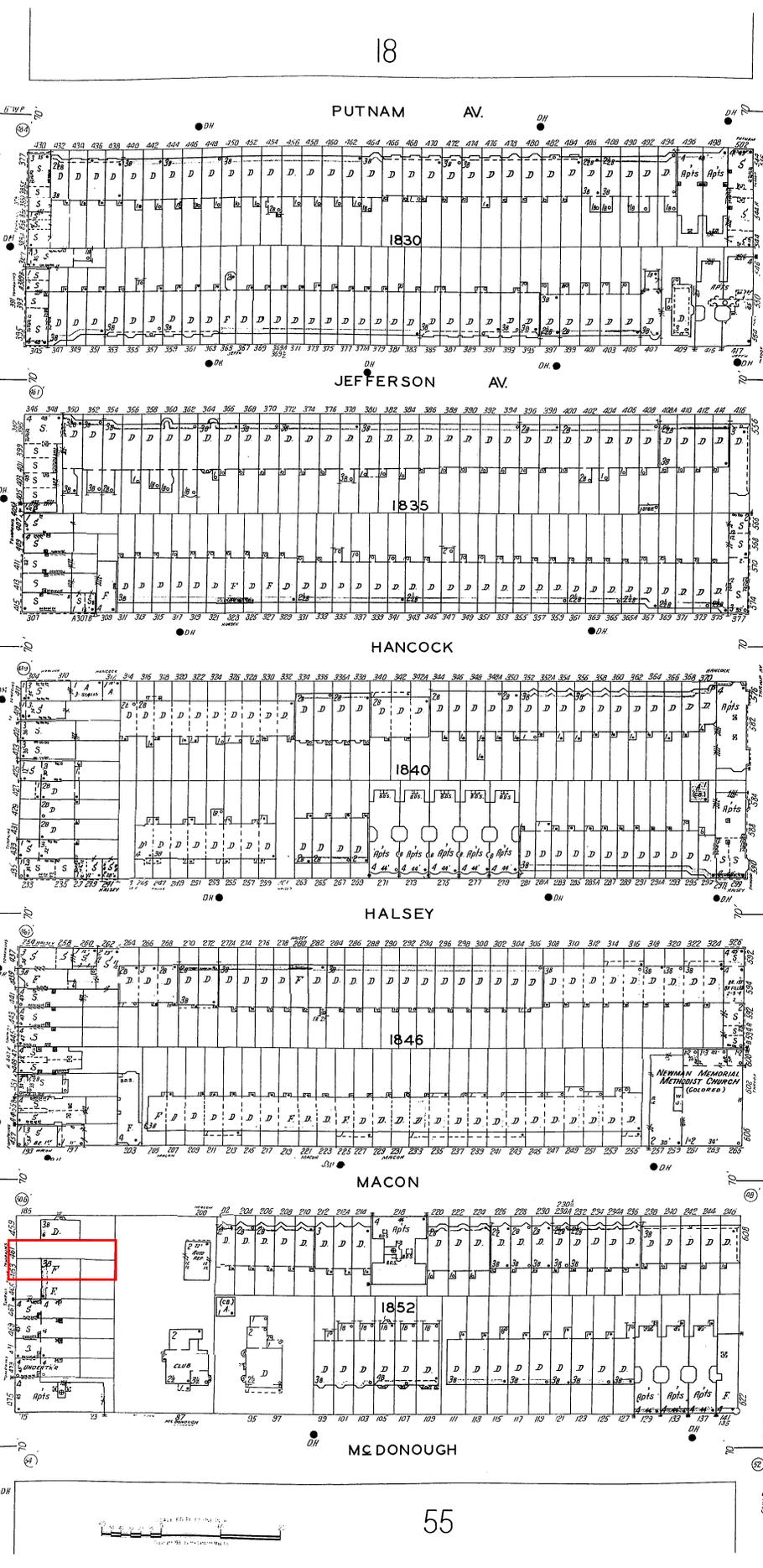


33

31

TOMPKINS AV.

THROOP AV.



NEWMAN MEMORIAL  
METHODIST CHURCH  
(GARDENS)

18

PUTNAM AV.

1830

JEFFERSON AV.

1835

HANCOCK

1840

HALSEY

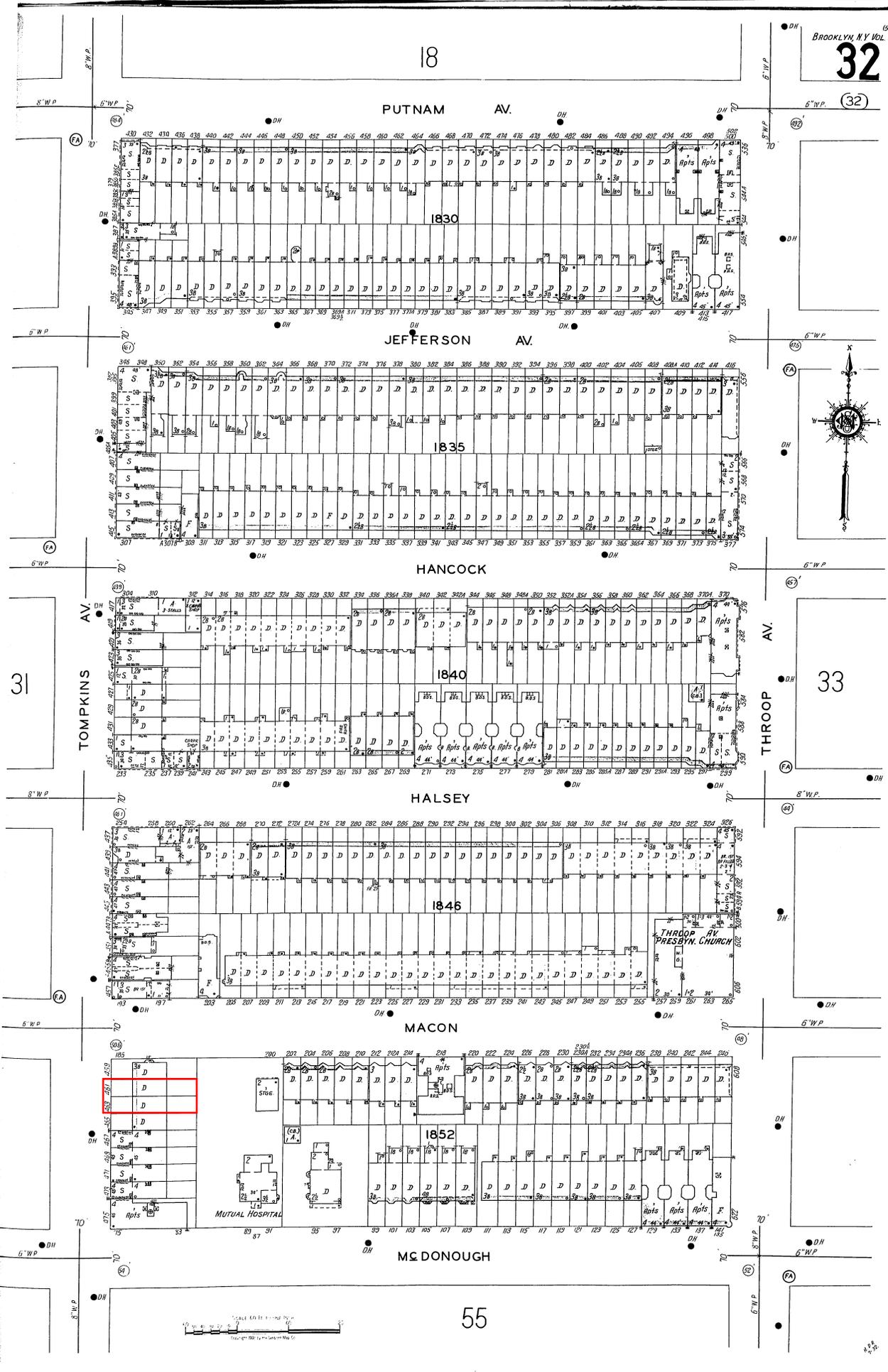
1846

MACON

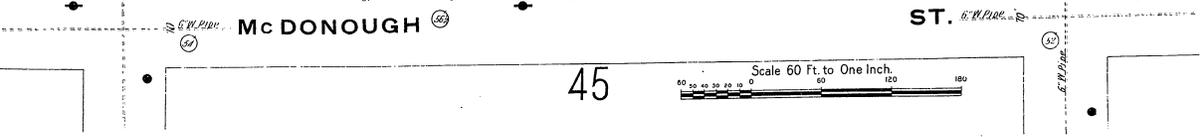
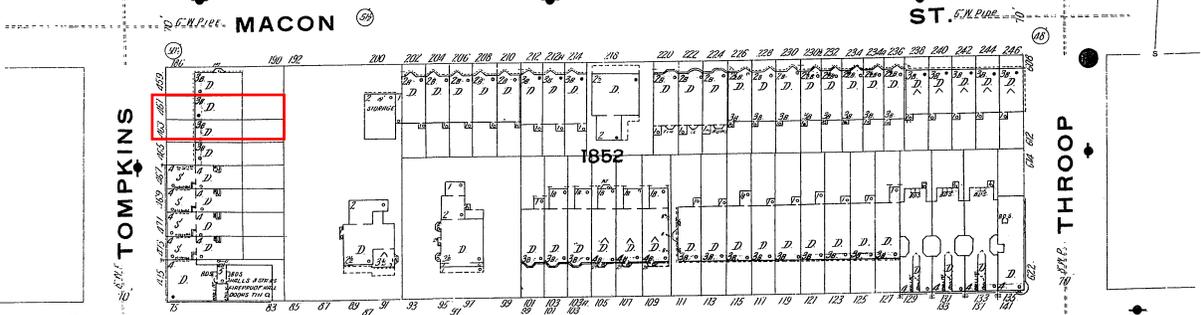
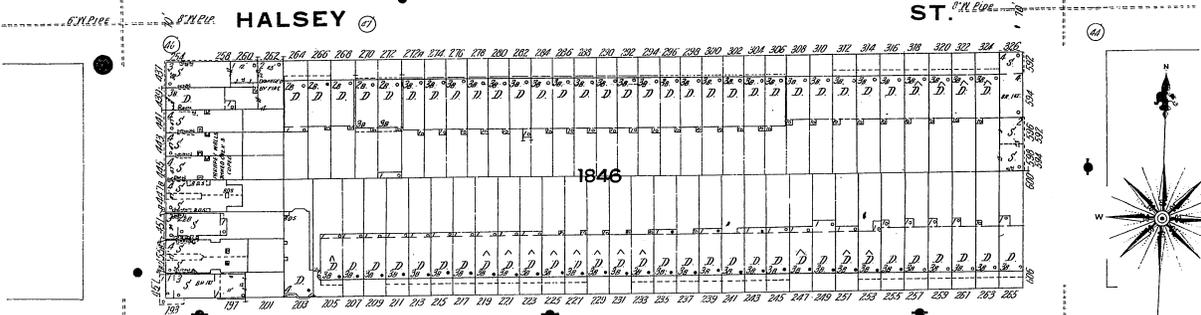
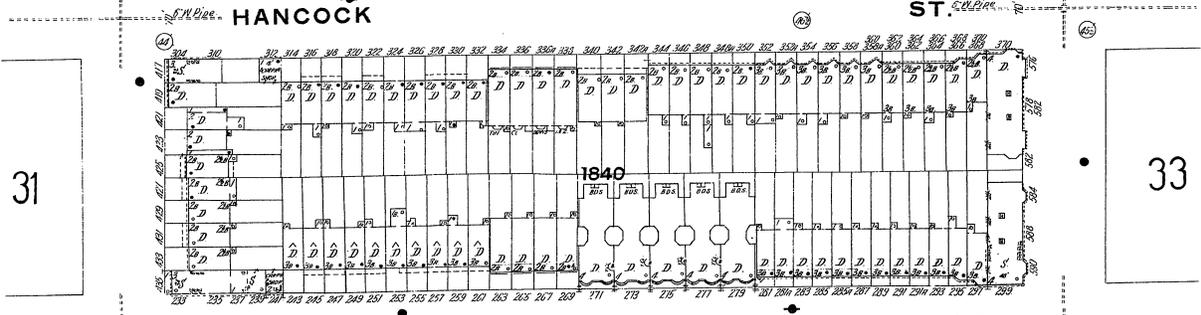
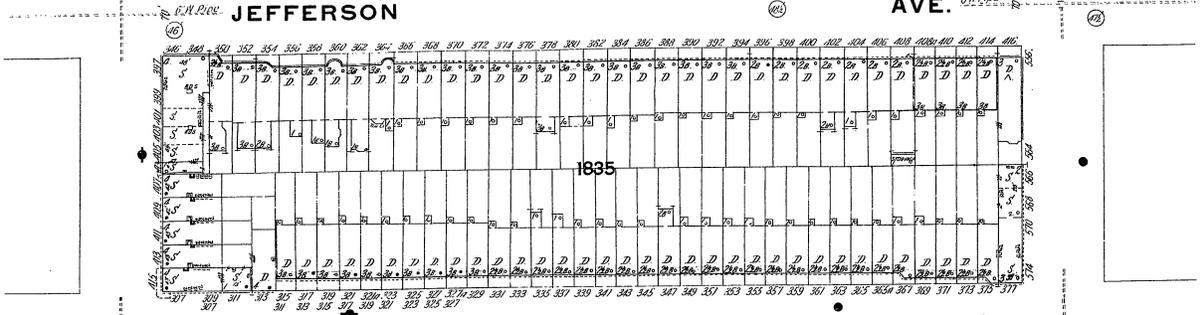
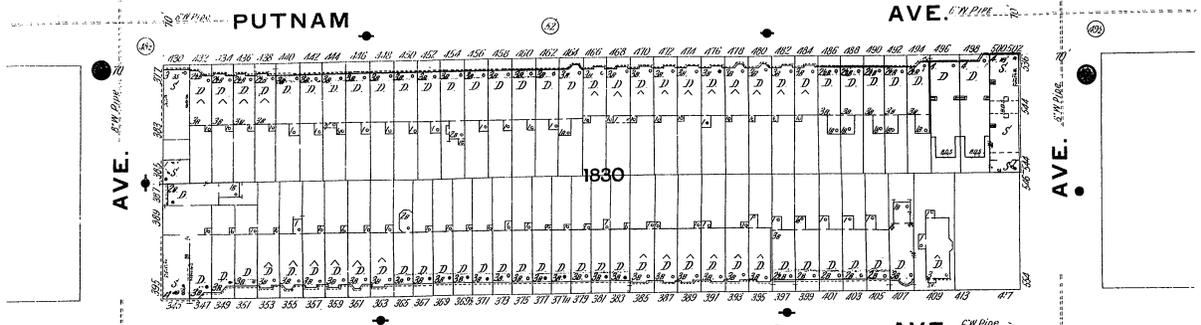
1852

MCDONOUGH

55



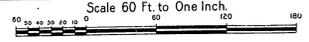
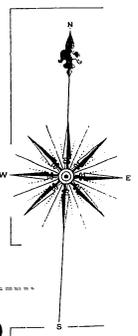
18



33

31

45



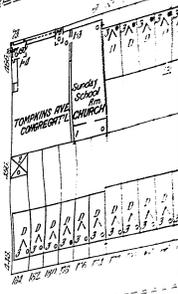
113

MCDONOUGH

115

AVENUE

AVENUE



MACON

HALSEY

HANCOCK

JEFFERSON

POTNAM

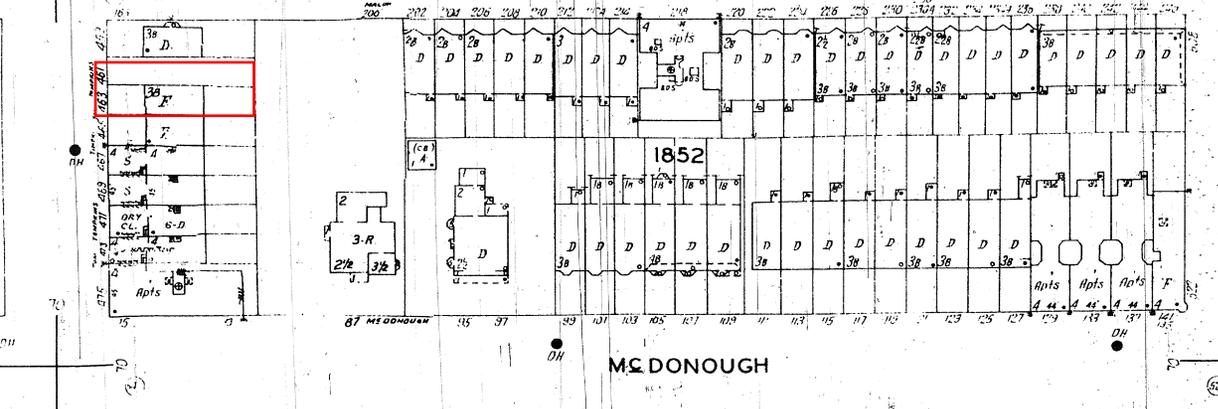
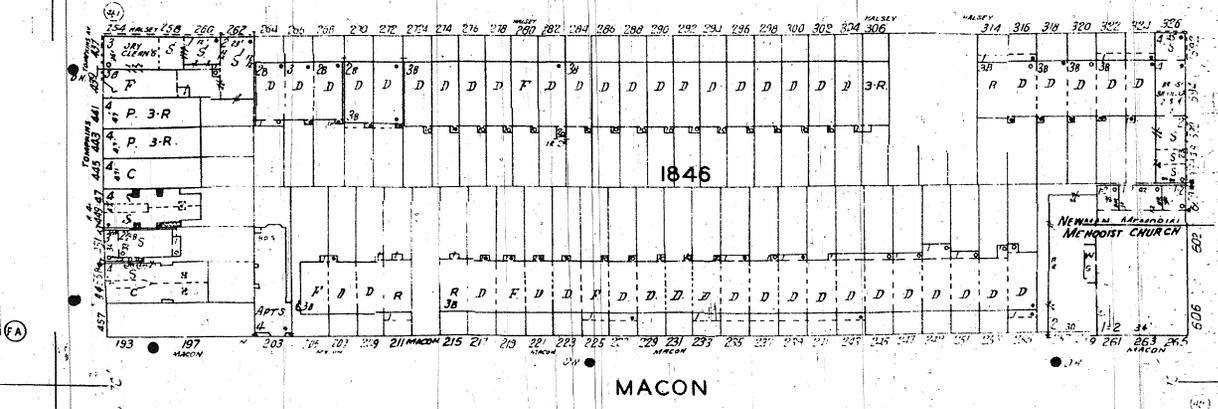
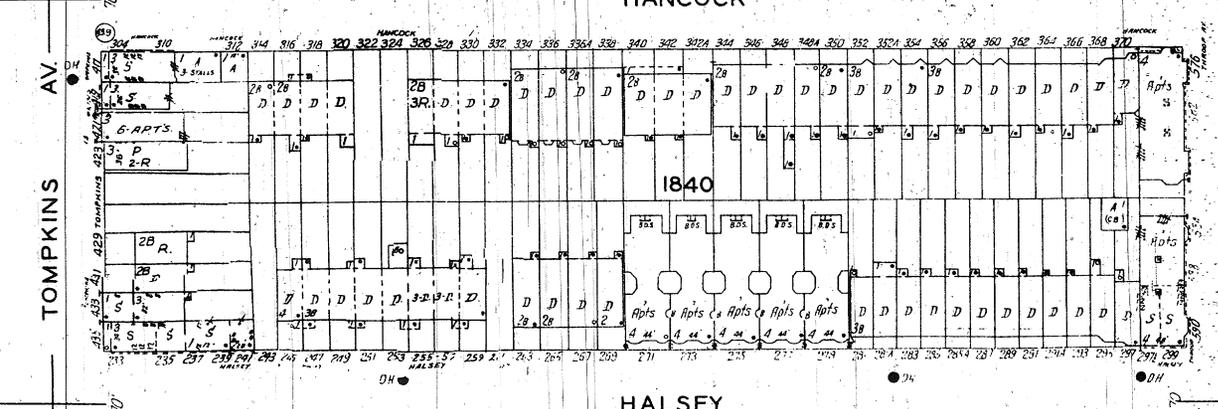
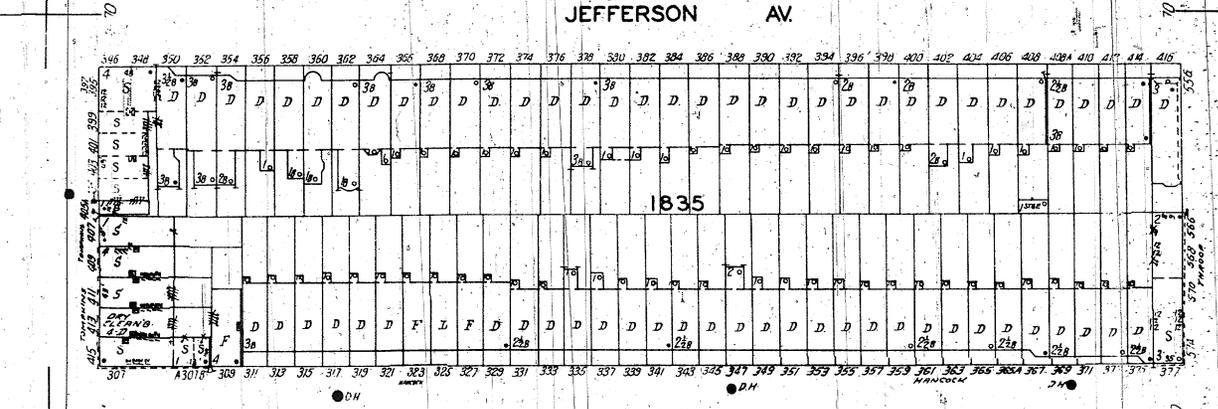
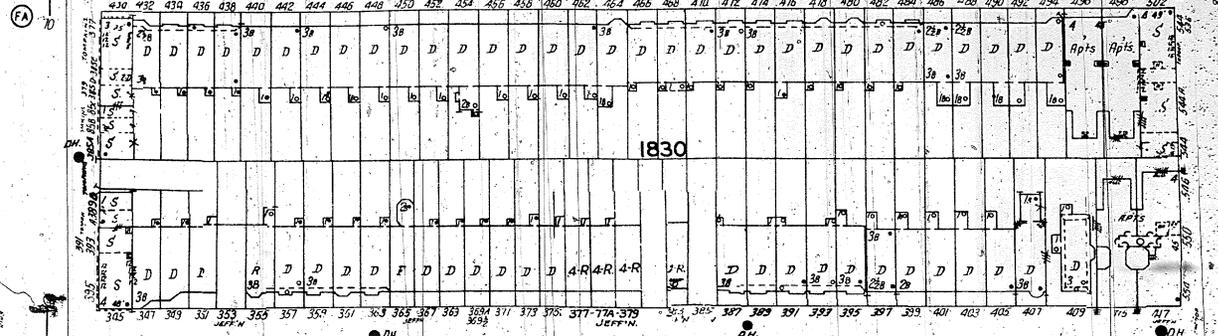
115

THROOP

TOMPKINS

126

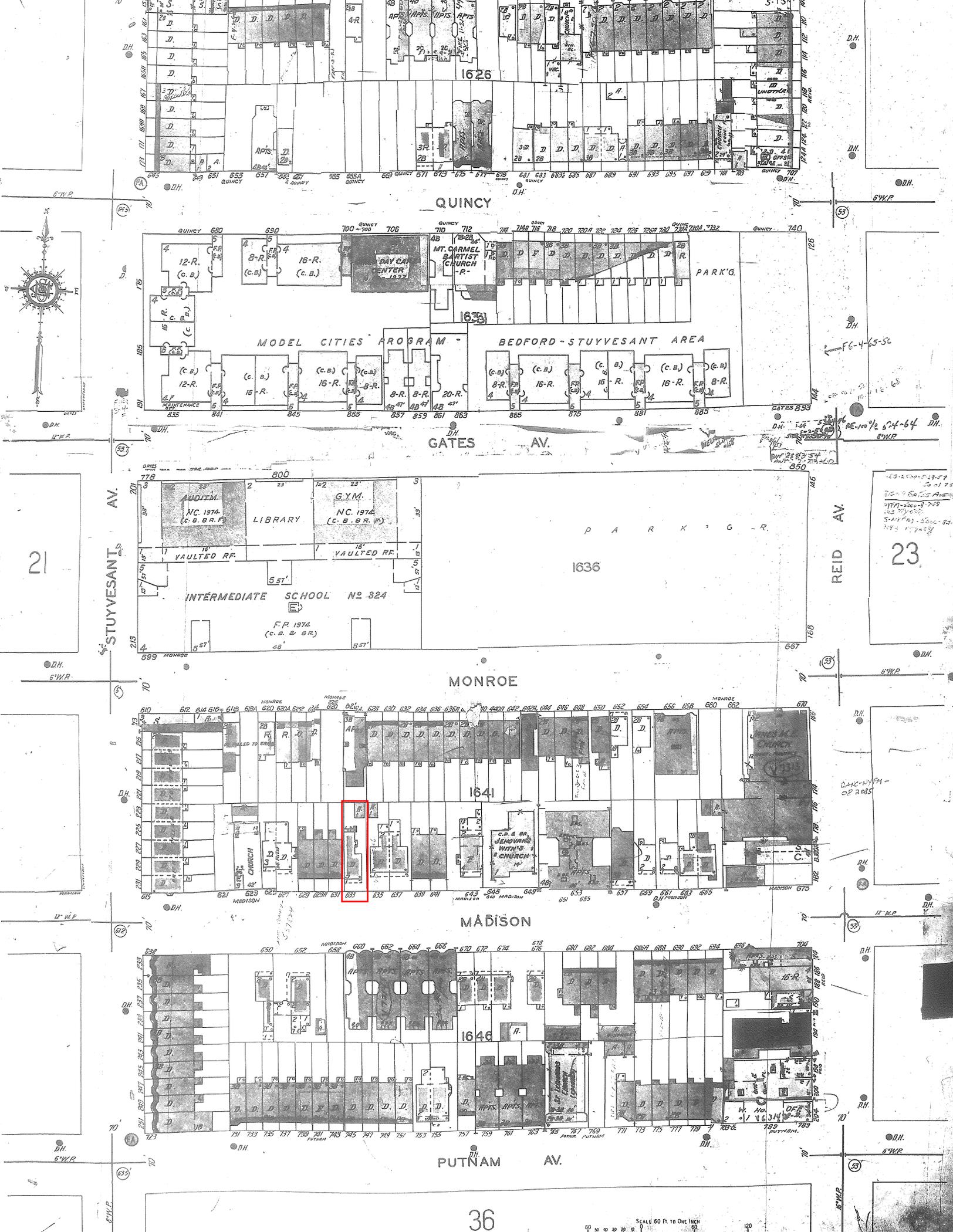
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31

33

55



QUINCY

GATES AV.

MADISON

PUTNAM AV.

STUYVESANT AV.

REID AV.

1626

1638

MODEL CITIES PROGRAM

BEDFORD-STUYVESANT AREA

12-R (C.B.)

8-R (C.B.)

16-R (C.B.)

12-R (C.B.)

16-R (C.B.)

8-R (C.B.)

16-R (C.B.)

8-R (C.B.)

20-R (C.B.)

8-R (C.B.)

16-R (C.B.)

16-R (C.B.)

8-R (C.B.)

800

LIBRARY

GYM. N.C. 1974 (C.B.B.R.F.)

INTERMEDIATE SCHOOL NO. 324

F.P. 1974 (C.B.B.R.F.)

1636

P A R K ' G - R

1641

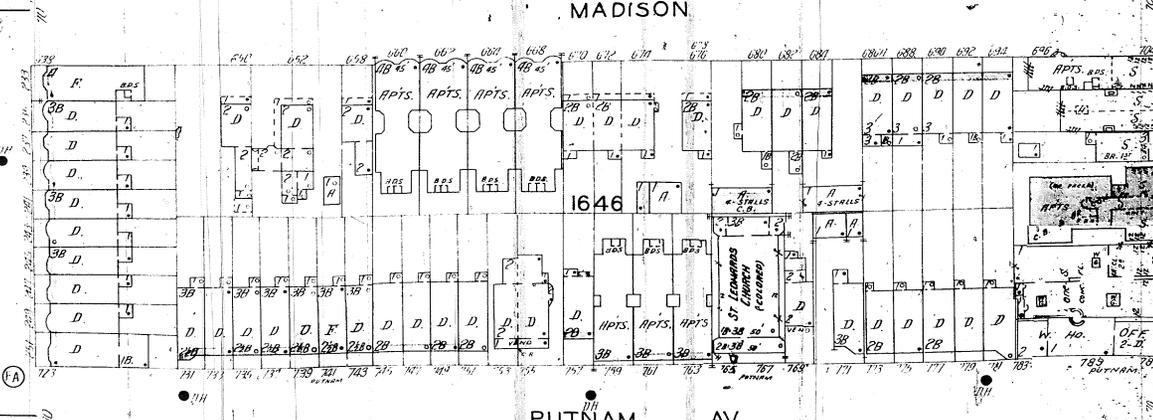
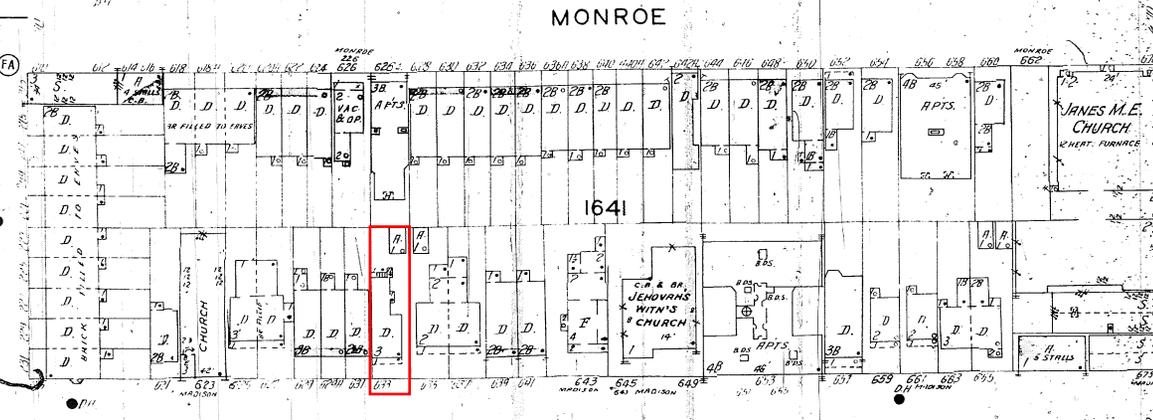
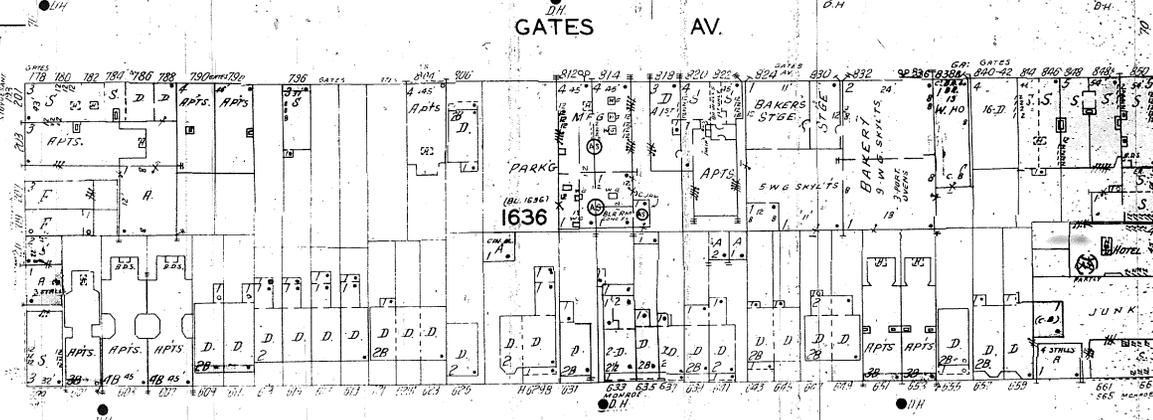
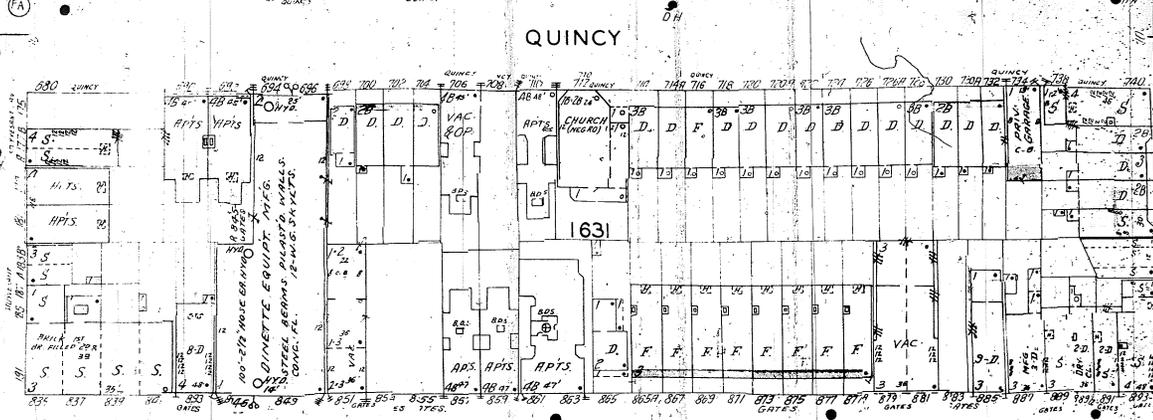
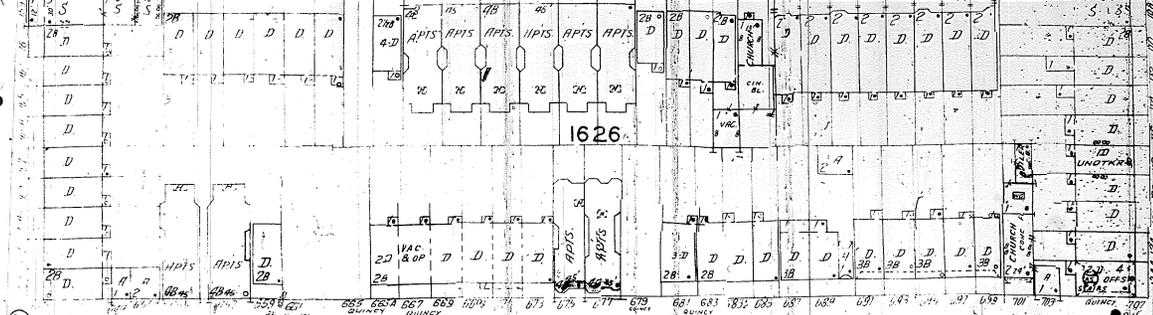
CHURCH

CHURCH

1646

CHURCH

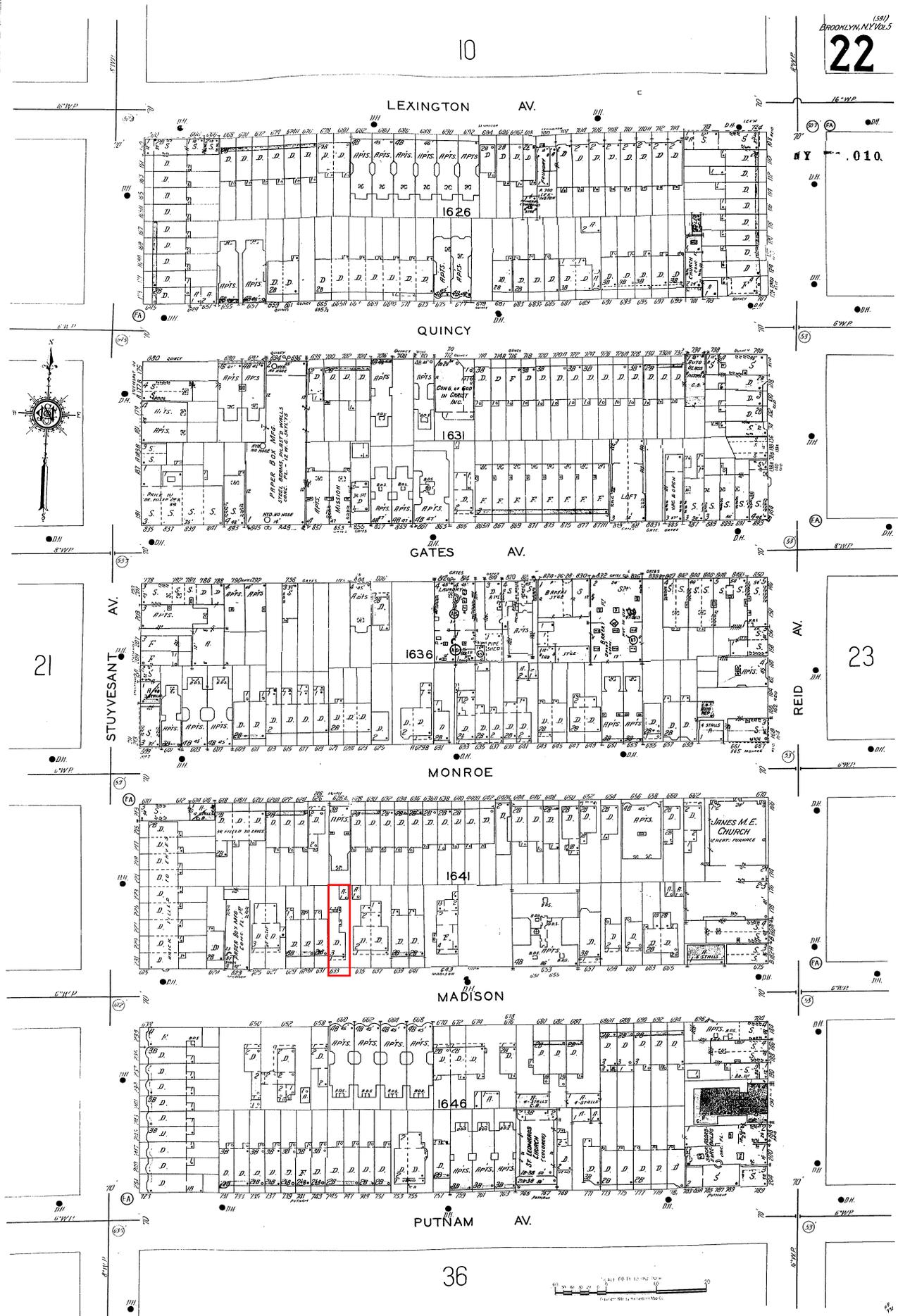
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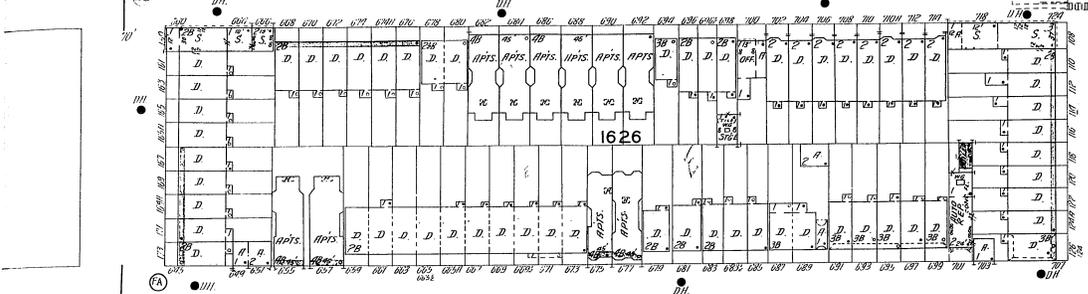
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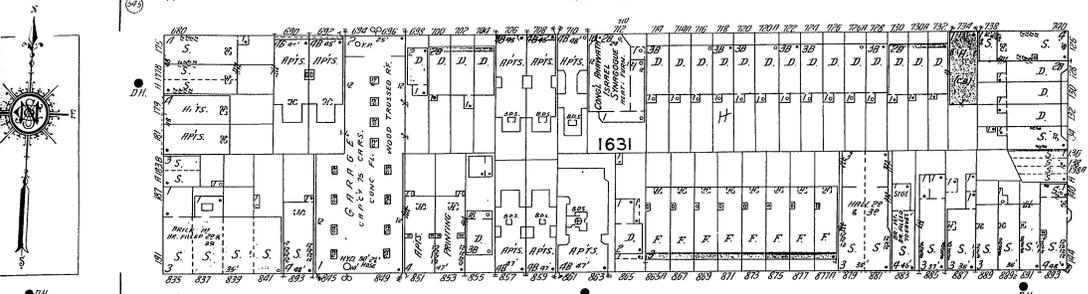
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LEXINGTON AV.

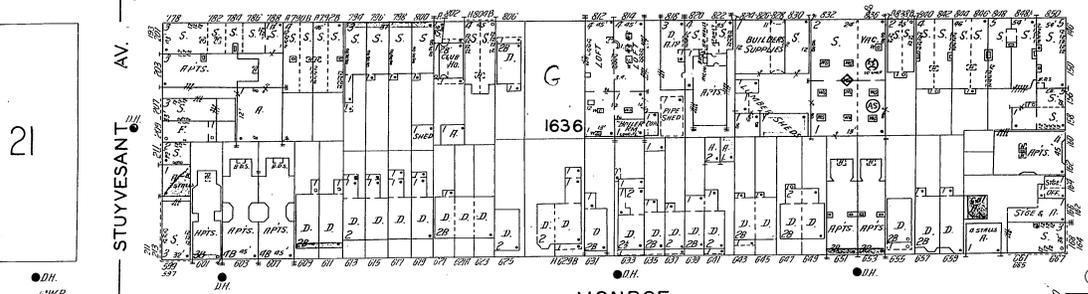


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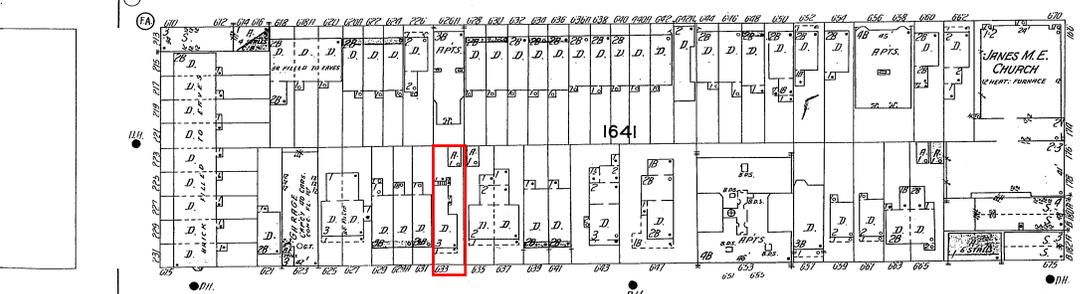
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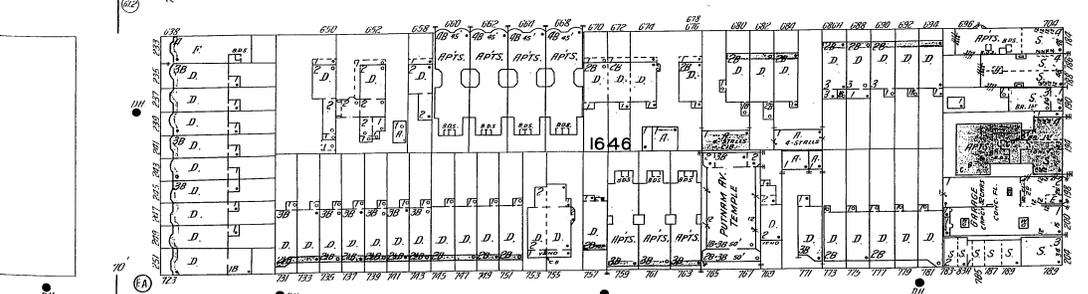
MONROE



MADISON



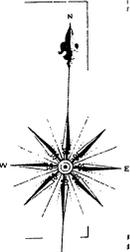
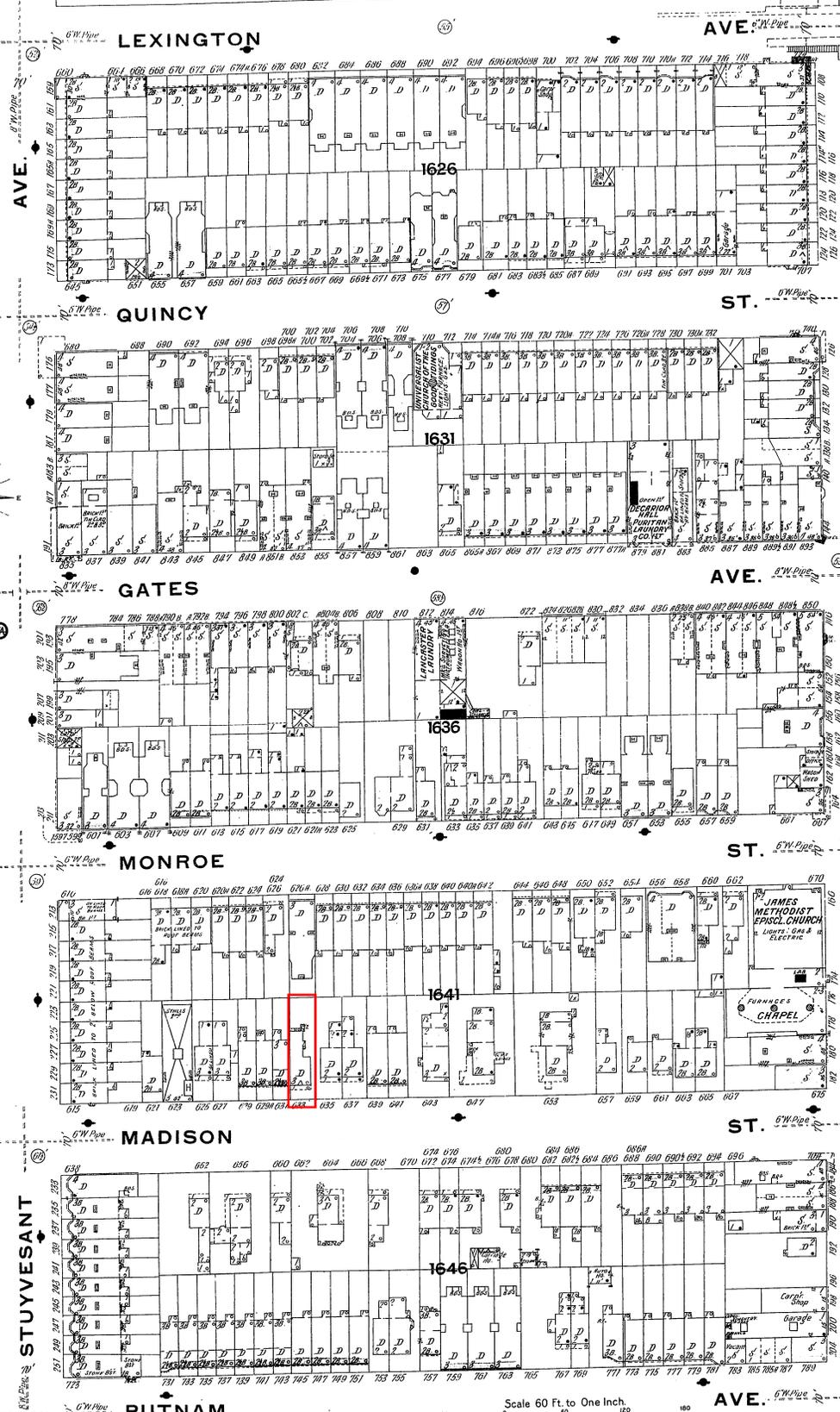
PUTNAM AV.



36

SCALE 60 FT. TO ONE INCH

Copyright 1910 by the Sanborn Map Co.



116

PUTNAM

129

AVENUE

AVENUE

MADISON

MONROE

GATES

129

QUINCY

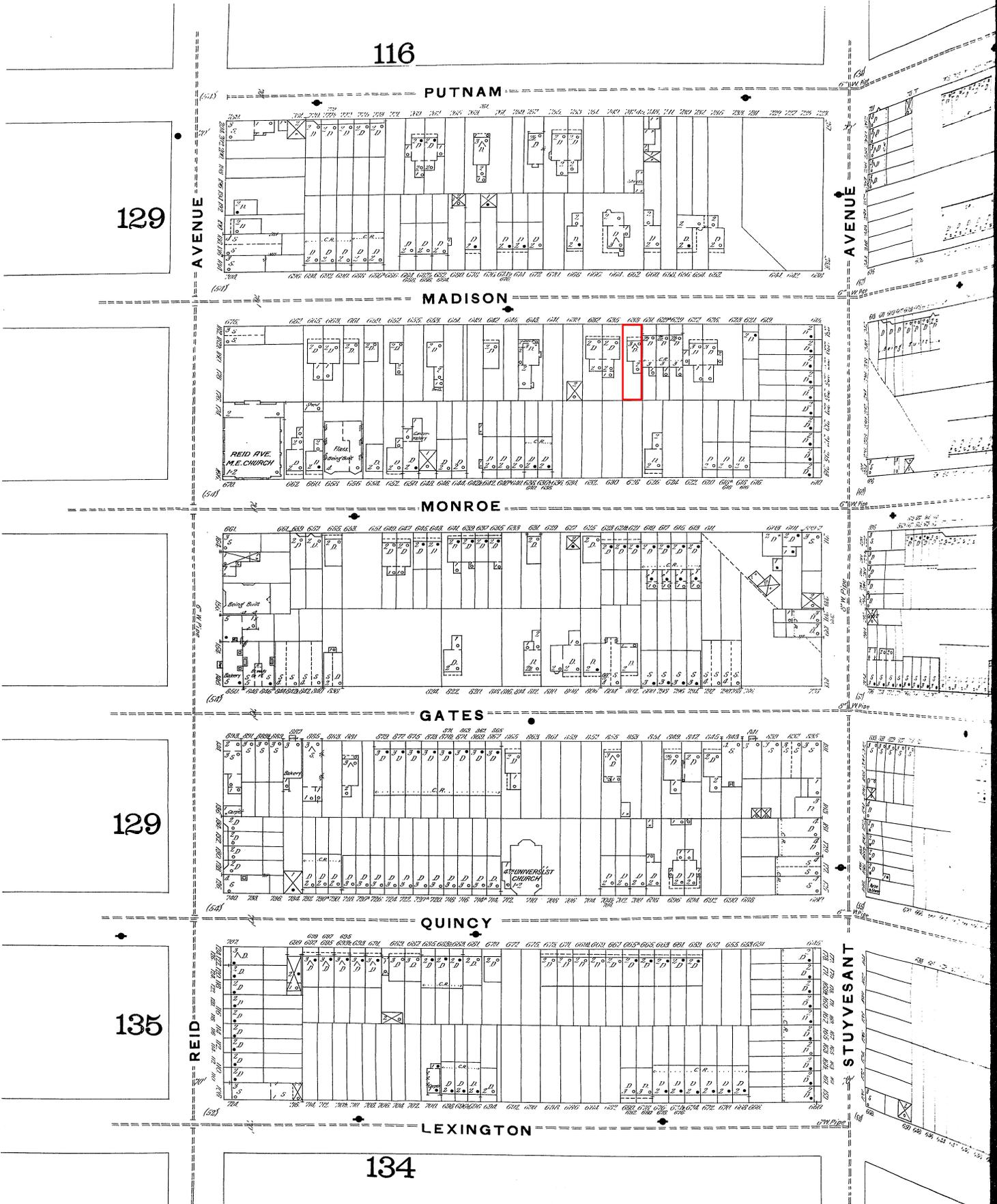
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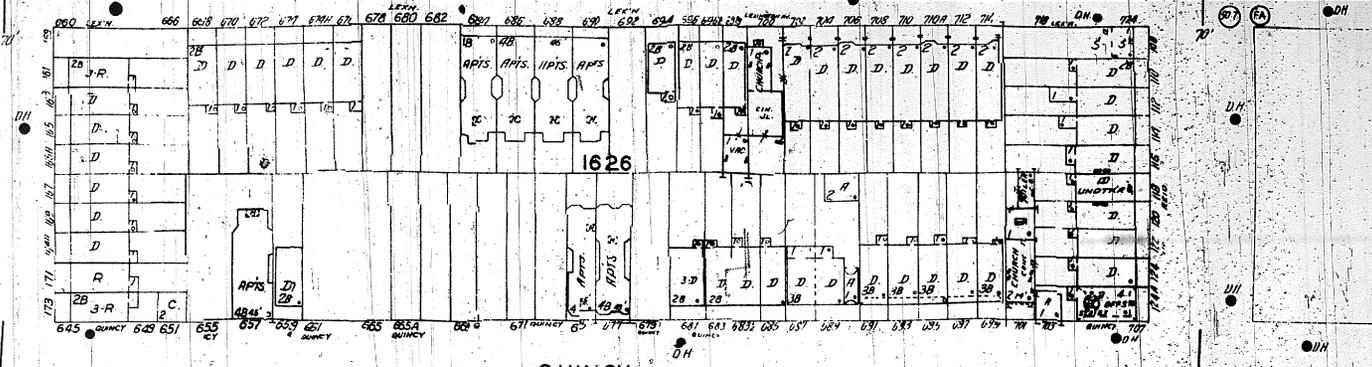
REID

STUYVESANT

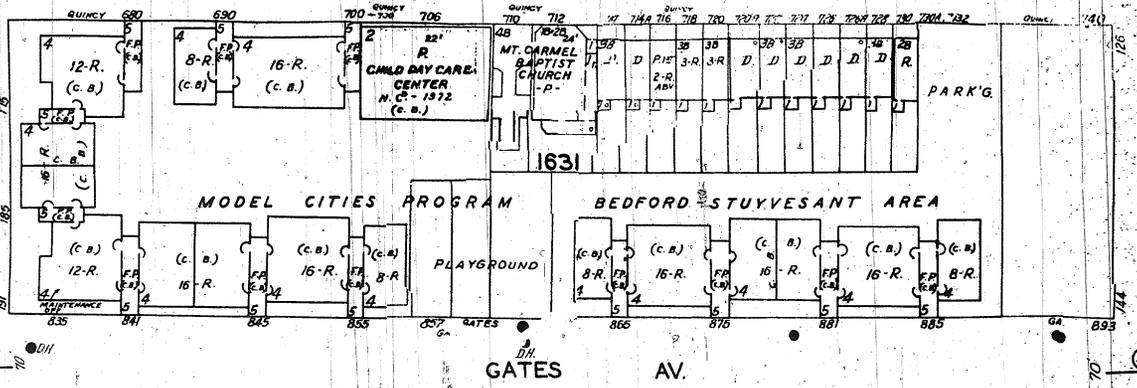
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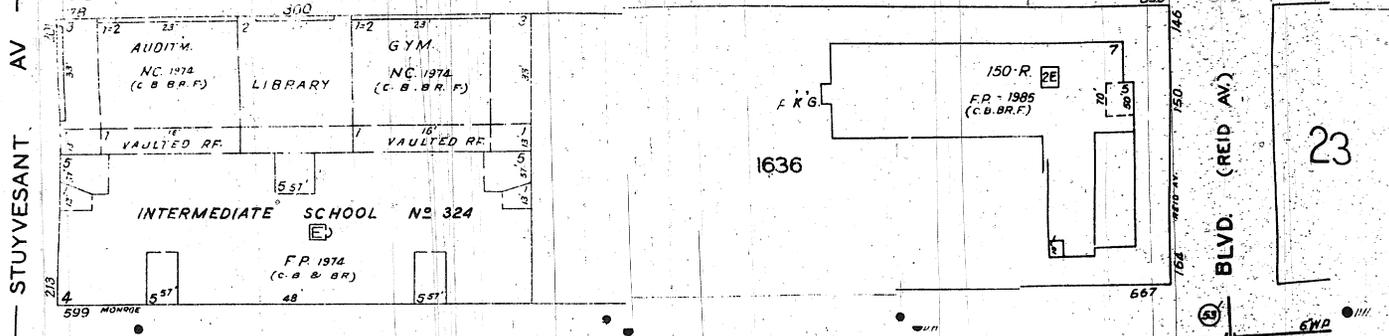




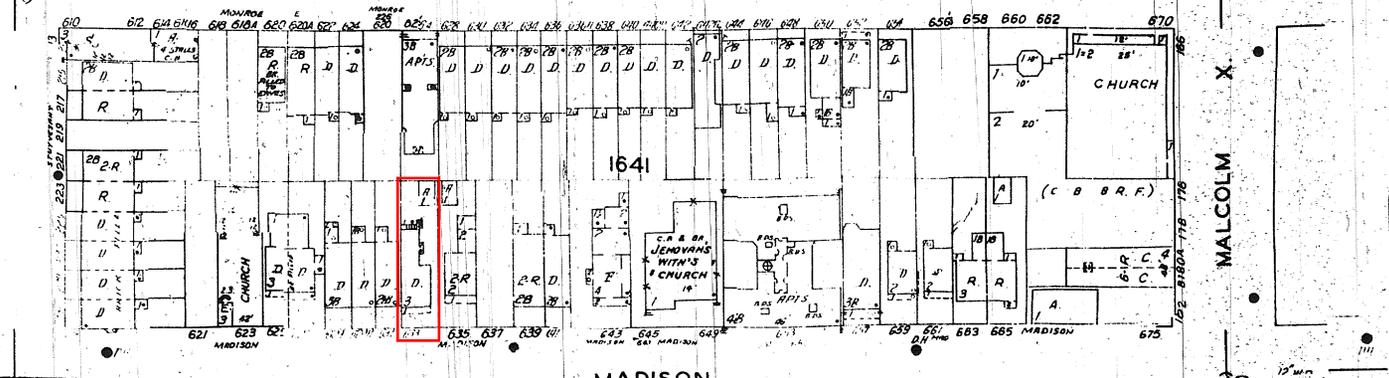
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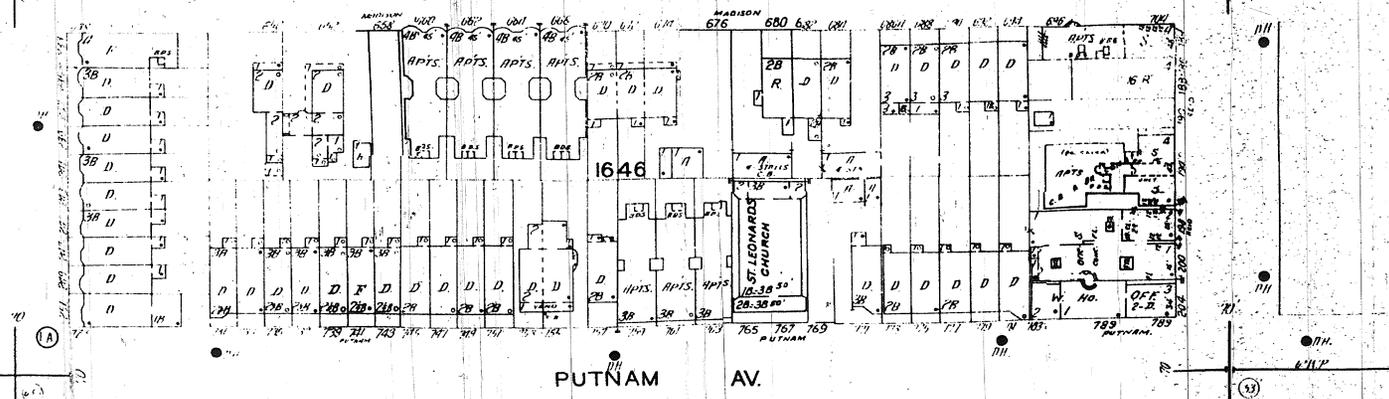
GATES AV.



MONROE



MADISON



PUTNAM AV.

## **Appendix G**

Qualifications of the Environmental Professional/  
Qualifications of the Project Manager

Multiple Addresses in Bedford Stuyvesant, Brooklyn, NY

# GREG MENDEZ-CHICAS

PROJECT MANAGER

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## EDUCATION:

**Bachelor of Science**, Environmental Science  
SUNY at Plattsburgh (2007)

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## PROFESSIONAL EXPERIENCE:

### ❖ 2009-Present **IMPACT ENVIRONMENTAL** Project Manager

- Serve as the as assistant supervisor and point of contact for environmental aspects of Joint venture contract for the New York Metropolitan Transit Authority (MTA) – East Side Access Project (\$25 million base contract).
- Direct and coordinate junior staff (2-5 persons) in the execution of geotechnical investigations, preparation and implementation of water and soil management plans, Stormwater Pollution Prevention Plans (SWPPPs), and Health and Safety Plans (HASPs).
- Manage non-hazardous and hazardous waste removal/disposal operations.
- Coordinate on- and off-site logistics with recycling and disposal facilities, waste management hauling services, and subcontractors.
- Provide regulatory and technical guidance and consultation to the clients.
- Prepare Spill Prevention, Control, and Countermeasure (SPCC) Plans and Emergency Planning and Community Right-to-Know chemical inventories for light commercial and industrial facilities.
- Prepare application for NYCDEP sewer discharge permits, NYSDEC Long Island Well Permits, Petroleum Bulk Storage (PBS) registration.
- Conduct Phase I and Phase II assessments, remedial investigations, soil gas surveys, and tank removals.
- Coordinate and negotiated with subcontractors providing services.
- Assist with proposal development and strategy.

### ❖ 2007-2009 **APEX COMPANIES** Environmental Scientist

- Prepared Phase I Environmental Assessments (ESAs) in general conformation with ASTM Practice E-1527-05 and USEPA ALL Appropriate Inquiries (AAI).
- Performed various aspects of Phase II scopes of work for commercial and industrial properties.
- Conducted microbiological sampling/investigations at a medical equipment manufacturing facility (air, water, media, and contact surfaces).
- Preparation and implementation of sub-slab soil vapor sampling plans at former utilized gasoline and/or dry cleaning operations.

---

## KEY PROJECTS:

- LIRR/MTA East Side Access
- Briarcliff Manor

## CERTIFICATIONS/ACHIEVEMENTS:

- OSHA 40-hour HAZWOPER Training
- OSHA 8-hour Refresher (2007-to-present)
- OSHA 10-hour Construction Training (2009)
- New York State Licensed Asbestos Inspector (2007-to-present)
- NYSDEC Erosion & Sediment Control Training (2010)
- Amtrak & LIRR Roadway Safety Training (2013)

ENVIRONMENTAL  
IMPACT

# Dan Fruhauf

Environmental Scientist

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## EDUCATION:

**Bachelor of Arts, Ecosystems & Human Impact**  
Stony Brook University (2012)

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## PROFESSIONAL EXPERIENCE:

❖ 2014-Present **IMPACT ENVIRONMENTAL CLOSURES INC.** Environmental Scientist

- Managed multiple Phase I and Phase II projects
- Assembled proposals and contracts for clients

❖ 2013-2014 **SOVEREIGN CONSULTING INC.** Environmental Scientist

- Gather field data on NYDEC spill sites
- Building and installing remediation systems
- Contamination concentration, plume direction reports related to petroleum spills
- Groundwater, soil & vapor sampling
- Contractor oversight for all spill site work
- Working with and building relationships with NYDEC, EPA & DEP

❖ 2012-2013 **LEITES GROUP INC.** Environmental Impacts Director

- Developed company structure & services
  - Audited clients on sustainability, green practices
- 

## CERTIFICATIONS/ACHIEVEMENTS:

- OSHA HAZWOPER 40-Hour Training/8-Hour Refresher
- Transport Workers Identification Credentials
- OSHA 10-Hour Construction Site Training



Ecosystems Strategies, Inc.

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**APPENDIX B**

***ESI Phase II ESA***

**PHASE II**  
**ENVIRONMENTAL**  
**SITE ASSESSMENT**

**461 & 463 Tompkins Avenue**  
**Borough of Brooklyn, New York City, New York**

**January 12, 2016**

**ESI File: EB15157.20**

**Prepared By:**



**Ecosystems Strategies, Inc.**

24 Davis Avenue, Poughkeepsie, NY 12603

phone 845.452.1658 | fax 845.485.7083 | [ecosystemsstrategies.com](http://ecosystemsstrategies.com)

**PHASE II**  
**ENVIRONMENTAL**  
**SITE ASSESSMENT**

**January 12, 2015**

**ESI File: EB15157.20**

**Prepared By:**

**Ecosystems Strategies, Inc.  
24 Davis Avenue  
Poughkeepsie, New York 12603**

**Prepared For:**

**ELH Construction Company, LLC  
16 Court Street, Suite 800  
Brooklyn, New York 11241**

The undersigned has reviewed this Phase II Environmental Site Assessment and certifies to ELH Construction Company, LLC that the information provided in this document is accurate as of the date of issuance by this office.

The undersigned is a Qualified Environmental Professional as defined by 6NYCRR Part 375-1.2 (aj) and supporting documents. The undersigned possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presence of releases or threatened releases to the surface or subsurface of the site or off-site areas, sufficient to meet the objectives and performance factors for the areas of practice identified in NYSDEC guidance document DER-10.

Paul H. Ciminello

January 12, 2016



Qualified Environmental Professional

Date

Signature



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<i>C</i>	<i>Data Summary Tables</i>
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## **1.0 INTRODUCTION**

### **1.1 Purpose**

This Phase II Environmental Site Assessment (Phase II ESA) documents environmental fieldwork performed by Ecosystems Strategies, Inc. (ESI) at the property located at 461 & 463 Tompkins Avenue, Borough of Brooklyn, New York City, New York. Investigative and analytical work were performed to address potential environmental liabilities on specified portions of the subject property, which were identified during a Phase I investigation conducted by Impact Environmental (see Section 1.4, below). The specific purpose of this Phase II ESA is to summarize the work performed by ESI and ESI's subcontractors, and to suggest, if appropriate, further investigative and/or remedial options regarding identified on-site conditions.

This Phase II ESA describes all fieldwork methodologies for the work conducted by this office, includes discussions of the resulting analytical data from collected samples and provides conclusions and recommendations drawn from the fieldwork and analytical data.

### **1.2 Limitations**

This written analysis summarizes the site characterization activities conducted on a specified portion of the above-referenced property and is not relevant to other portions of this property or any other property. It is a representation of those portions of the property analyzed as of the respective dates of fieldwork. This Phase II ESA cannot be held accountable for activities or events resulting in contamination after the dates of fieldwork.

Services summarized in this Phase II ESA were performed in accordance with generally accepted practices and established New York State Department of Environmental Conservation (NYSDEC) protocols. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgement.

### **1.3 Site Location and Description**

The property is a 0.9-acre vacant/overgrown parcel located on the eastern side of Tompkins Avenue.

The purpose of the environmental investigation was to provide a general screening of the property (Site) for potential impacts from a nearby dry cleaner, and to investigate potential on-site subgrade fill materials. A Fieldwork Map indicating specific Site characteristics is provided in Appendix A.

No groundwater was encountered during the extension of soil borings to a maximum depth of 30 feet below surface grade (bsg; no other data documenting groundwater depth, or site-specific investigation of groundwater direction of flow, is known to exist for the property).

### **1.4 Previous Environmental Reports**

A Phase I Environmental Site Assessment (Phase I ESA) performed on the property by Impact Environmental in September 2015 identified the potential for impacts to the Site from a nearby dry cleaning facility (operating since circa 1965). The Site is identified as the location of two former residential structures, which were demolished sometime between 1932 and 1951 (461 Tompkins Avenue, northern half) and circa 1991 (463 Tompkins Avenue, southern half). The report indicated that fill materials and/or debris from the demolition of these former structures could be present in subgrade material at the Site.

## **2.0 SUBSURFACE INVESTIGATION**

### **2.1 Summary of Services**

In order to achieve the purpose specified in Section 1.1, above, the following services were conducted by ESI at selected portions of the Site:

- Extended a total of seven (7) soil borings throughout the Site to document subsurface conditions at the Site;
- Extended two (2) of the soil borings to a maximum depth of 30 feet in an attempt to reach and to sample on-site groundwater;
- Coordinated and supervised the installation of three (3) soil vapor points; and,
- Documented the presence or absence of contamination through sampling and laboratory analysis of soil vapor samples for volatile organic compounds (VOCs), and surface and subsurface soil samples for VOCs, polycyclic aromatic hydrocarbons (PAHs), Target Analyte List (TAL) metals, pesticides, and polychlorinated biphenyls (PCBs).

This Phase II ESA is divided into individual sections that document fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present ESI's conclusions and recommendations (Section 3.0).

### **2.2 Fieldwork Methodology**

#### **2.2.1 Site Preparation Services**

Prior to the initiation of fieldwork, a request for a complete utility markout of the subject property was submitted by ESI as required by New York State Department of Labor regulations. Confirmation of underground utility locations was secured and a field check of the utility markout was conducted prior to the extension of soil borings.

#### **2.2.2 Extension of Soil Borings**

Seven (7) mechanized soil borings were extended at the Site on December 14, 2015. Borings SB-01 and SB-02 were located on the southern portion of the Site (463 Tompkins Avenue), while the remaining borings (SB-03 through SB-07) were located on the northern portion (461 Tompkins Avenue).

A Fieldwork Map indicating boring locations and associated selected site features is provided in Appendix A.

All soil borings were extended by personnel from Zebra Technical Services using a track-mounted Geoprobe direct-push corer equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Sampling was conducted at each boring location at five-foot intervals. In an attempt to reach groundwater, borings SB-01 and SB-02 were extended to 30 feet bsg; the remaining borings were extended to the interval where native soils were encountered (or until refusal was reached). The sampling instrument was decontaminated prior to the initiation of fieldwork and after the collection of each sample. Decontamination procedures were consistent with established NYSDEC protocols.

A MiniRAE Lite (Model PGM 7300) photo-ionization detector (PID) was utilized by ESI personnel to screen all encountered material for the presence of any volatile organic vapors where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per

million calibration gas equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer.

An assessment of subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination (e.g., unusual coloration patterns, or odors), and instrument indications of contamination (i.e., PID readings) was made by ESI personnel during the extension of each soil boring. ESI personnel maintained independent field logs documenting physical characteristics, PID readings, and any field indications of contamination for all encountered material at each boring location. Relevant information from ESI logs for each boring location is summarized in Appendix B.

Samples of soil material were collected from each of the soil borings where appropriate (see Section 2.2.3 for specifics regarding sample collection methodology) and notations were made regarding the sampled material's physical characteristics. A sufficient volume of material was collected at each sample location for the required analyses and for potential additional analyses.

Subsurface soils encountered at the Site during the extension of the soil borings generally consisted of approximately 17-18 feet of fill materials, overlying native soils consisting of variable color coarse sands with pebbles. Fill materials on the southern half of the Site (463 Tompkins Avenue) consisted of light brown/orange, medium sands, with minimal debris (generally in the 0-2' interval), while fill on the northern half (461 Tompkins Avenue) consisted of variable color and texture sands and silts with brick, masonry, and building debris inclusions as deep as 12 feet bsg. Groundwater was not encountered during the extension of the soil borings.

No significant field evidence of contamination was observed at any boring location.

A pile of large debris generally consisting of brick, concrete, and metal was observed at the northeastern corner of the Site.

### **2.2.3 Groundwater Sampling**

Groundwater was not encountered in borings extended to a maximum depth of 30 feet bsg; therefore, monitoring wells were not installed and no groundwater samples were collected.

### **2.2.4 Soil Vapor Sampling**

Three (3) soil vapor samples were collected at the Site on December 14, 2015. At each location, a five foot boring was extended using the track-mounted Geoprobe. Sampling was conducted at each boring at approximately 4.5 feet bsg. Samples were distributed to provide a general screening of vapors beneath the property.

### **2.2.5 Sample Collection**

All soil samples collected by ESI were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols. All field personnel wore dedicated, disposable gloves, and all samples were placed into laboratory supplied containers. Soil samples were collected directly from the acetate sleeves. Due to an absence of any significant field evidence of petroleum or solvent impacts, soil samples were collected from each boring in areas with evidence of poor quality fill materials and/or debris. Due to their proximity and physical similarities, samples from SB-03 and SB-04, and from SB-06 and SB-07 were composited into SB-03/04 0-2 and SB-06/07 7-9.

Soil vapor samples were collected using the following methodology: the end of the sample tubing (0.188 inch inner diameter Teflon) was attached to an "air stone" filter and inserted to the base of

the borehole (through the boring rod). The boring rod was then removed. Clean sand was poured into the void surrounding the air stone. The holes were backfilled with approximately 1 foot of sand, and the remainder of the hole (to within 1" of the surface) was filled with compacted soil. The remaining space at the top of the hole was sealed off with a non-VOC containing clay to prevent surface air from entering the system. A properly calibrated PID was used to measure volatile organics before purging. A vacuum pump was utilized to purge the standing air from the tubing. At least three borehole and tubing volumes were purged prior to collection at a rate of 0.2 liters per minute. Following purging, the vapor samples were collected over a two-hour period using 6-liter stainless steel, laboratory supplied Summa canisters with two-hour calibrated flow controllers. The pre- and post-sample canister pressure and the start and stop time was recorded for each sample. Following the completion of sampling at each location, the ground was returned as closely as possible to its original condition.

All soil samples were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. All soil and soil vapor samples were transported on December 16, 2015 via courier to York Analytical Laboratories, Inc., a New York State Department of Health-certified laboratory (ELAP Certification Number 10854) for chemical analyses. Appropriate chain-of-custody procedures were followed.

## **2.3 Laboratory Analysis**

### **2.3.1 Guidance Levels**

The term "guidance level", as defined in this Phase II ESA, refers to the concentration of a particular contaminant above which remedial actions are considered more likely. The overall objective of setting guidance levels is to assess the integrity of on-site soils relative to conditions which are likely to present a threat to public health or the environment, given the existing and probable future uses of the Site. On-site soils with contaminant levels exceeding these guidance levels are considered more likely to warrant remediation. No independent risk assessment was performed as part of this investigation.

The guidance levels identified in this Phase II ESA for organic compounds detected in soils are based on NYSDEC Remedial Program Soil Cleanup Objectives (SCOs) for Unrestricted Use (UUSCO) and for Restricted Use Residential (RRSCO) as provided in 6 NYCRR Subpart 375, Table 375-6.8(a), and Table 375-6.8(b), respectively, and on Soil Cleanup Levels (for gasoline and fuel oil contaminated Soils) presented in NYSDEC CP-51 (Soil Cleanup Guidance, October 2010) Tables 2 through 3.

No official guidance levels exist for VOCs in soil vapor. Relatively high concentrations of VOCs in soil vapor are noted in the report text and in data summary tables, as warranted, in order to facilitate a discussion of investigative findings.

All data presented in this Phase II ESA have been analyzed in accordance with applicable guidance levels.

### **2.3.2 Laboratory Results**

All soil samples were submitted for analysis for VOCs using USEPA Method 8260, PAHs using USEPA Method 8270, and TAL metals using various USEPA methods. Soil samples SB-01 0-2 and SB-06/07 0-9 were submitted for analysis for pesticides and PCBs. All soil vapor samples were submitted for analysis for VOCs using USEPA Method TO-15.

A summary of the results of the laboratory analyses conducted on soil and soil vapor samples is presented below. Data summary tables and the laboratory reports are provided in Appendices C and D, respectively, and recommendations regarding these findings are located in Section 3.0.

## **Soil**

### **VOCs**

An elevated level of acetone (UUSCO 0.05 ppm, RRSCO 100 ppm) was detected in SB-02 0-2 at 0.077 ppm. Low levels of acetone were also detected in SB-01 0-2 and SB-05 3-5. Trace levels (below UUSCOs) of 2-butanone and methyl acetate were detected at SB-05 3-5 and SB-06/07 7-9, respectively. No other VOCs were detected in any sample.

### **PAHs**

PAHs at concentrations above RRSCOs were detected in SB-01 0-2 (2 compounds), SB-03/04 0-2 (3 compounds), and SB-06/07 7-9 (8 compounds). Peak concentrations were detected at SB-06/07 7-9 and include benzo(a)anthracene (RRSCO 1 ppm) at 31.6 ppm, chrysene (RRSCO 1 ppm) at 28.2 ppm, benzo(k)fluoranthene (RRSCO 0.8 ppm) at 17.2 ppm, and benzo(b)fluoranthene (RRSCO 1 ppm) at 13.4 ppm. Several other PAHs above UUSCOs but below RRSCOs were detected in SB-01 0-2, SB-03/04 0-2 and SB-06/07 7-9. Numerous other PAHs were detected in all samples at trace- to low-levels (below UUSCOs).

### **TAL Metals**

The following metals were detected above RRSCOs:

- Barium (RRSCO 400 ppm) in SB-01 0-2 at 543 ppm and in SB-05 3-5 at 635 ppm.
- Lead (RRSCO 400 ppm) in SB-01 0-2 at 788 ppm, in SB-05 3-5 at 909 ppm, and in SB-06/07 7-9 at 1,010 ppm.
- Mercury (RRSCO 0.81 ppm) in SB-01 0-2 at 1.75 ppm and in SB-06/07 7-9 at 1.04 ppm.

Various other metals were detected in all samples at concentrations above UUSCOs but below RRSCOs, or below UUSCOs.

### **Pesticides/PCBs**

A slightly elevated level of 4,4'-DDT (UUSCO 0.0033 ppm) was detected in SB-01 0-2 at 0.0039 ppm and in SB-06/07 7-9 at 0.014 ppm. Trace levels (below UUSCOs or no SCO established) of 4,4'-DDE, 4,4'-DDD, alpha chlordane, and gamma chlordane were detected in SB-06/07 7-9.

## **Soil Vapor**

Trace- to low-level concentrations of numerous petroleum compounds, solvents, and aerosols were detected in all samples. No significant concentrations of tetrachloroethene (PCE; a dry cleaning solvent) or its breakdown products were detected in any sample.

## **Groundwater**

No groundwater samples were collected due to an absence of measurable water in soils to a maximum depth of 30 feet bsg.

### 3.0 CONCLUSIONS AND RECOMMENDATIONS

This office has completed the services summarized in Section 2.0 on specified portions of the property located at 461 & 463 Tompkins Avenue, Borough of Brooklyn, New York City, New York. Services included the extension of seven (7) soil borings and the collection of three (3) soil vapor samples throughout the property to document any potential impacts from a nearby dry cleaner and/or on-site subgrade fill materials. Sampling locations were selected to provide a general screening of Site subsurface conditions.

Based on the services provided and data generated, the following conclusions and recommendations (in **bold**) have been made.

1. No significant field evidence of solvent contamination was encountered in soil borings extended throughout the Site and laboratory data document an absence of significant concentrations of volatile organic compounds (VOCs) in soil and soil vapor samples. Elevated PAHs detected in several soil samples appear to be associated with on-site poor quality fill materials (see Paragraph #2). These findings support the conclusion that current and historical use of a nearby property as a dry cleaner has not significantly impacted the subject property.

**No further investigation is recommended.**

2. Field observations suggest that portions of the Site are currently overlain by approximately 17-18 feet of fill materials. Fill materials on the southern half of the Site (463 Tompkins Avenue) consisted mainly of sand with minimal brick debris (in the 0-2' interval). Fill materials on the northern half (461 Tompkins Avenue) consisted of variable texture sands and silts with larger amounts of brick, masonry, and building debris inclusions throughout. Elevated PAHs and metals (above RRSCOs) were detected in samples collected from the northern and eastern portions of the property (several PAHs were also detected at these locations above UUSCOs but below RRSCOs). Various metals (above UUSCOs) were detected at elevated levels (above UUSCOs) in all samples. Slightly elevated pesticides (above UUSCOs) were detected in two samples from the eastern portion.

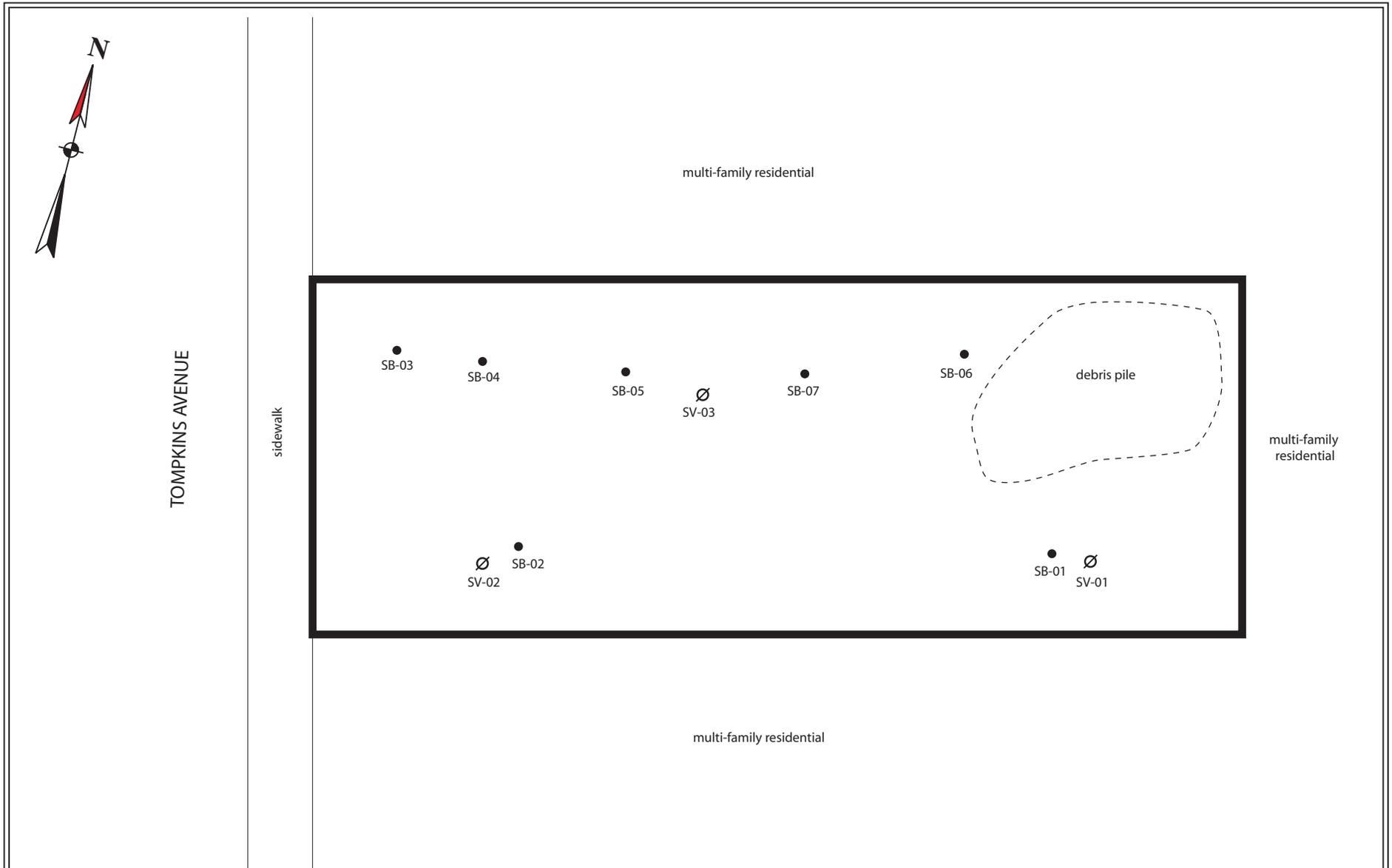
The compounds and concentrations detected in on-site soils are consistent with those generally found in poor quality urban fill materials. Current soil data suggest that PAH and metals impacted urban fill is present in surface soils (0-2' interval) throughout the Site. These impacts appear to extend deeper (7-9' interval) at the northern portion of the Site. In the event of future Site development, these soils will be required to be managed as a regulated material if they are to be excavated.

**Any future site development should be conducted with the awareness of the presence of regulated materials at the Site. Management of these materials will likely incur added development costs if they are to be removed from the Site.**



**APPENDIX A**

***Fieldwork Map***



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

## Fieldwork Map

461 & 463 Tompkins Avenue  
Borough of Brooklyn, New York

### Legend:

-  subject property border
-  soil sample location
-  soil vapor sample location

ESI File: EB15157.20

January 2016

Not to scale

Appendix A



**APPENDIX B**

***Boring Logs***

# Soil Boring Log

SB-01  (SHEET 1 OF 2)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						
	DATE: 2015-12-14		DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core)				
ESI STAFF: T. Goodnough		WEATHER: sunny, 50s F					
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (2")						SAMPLES COLLECTED
	SOIL / MATERIAL DESCRIPTION						
	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL		
<b>0 – 5'</b> (60%)	Light brown/orange, silty F SAND with brick debris (fill), minimal debris below ~2'	Dry	0	ND	ND	ND	<b>(0-2)</b>
<b>5 – 10'</b> (75%)	Light brown/orange, silty F SAND, turning more silty at ~9' (fill)	Dry	0	ND	ND	ND	
<b>10 – 15'</b> (50%)	Light brown/orange, M SAND becoming more coarse and gravelly at ~14' (fill)	Dry	0	ND	ND	ND	
<b>15 – 20'</b> (60%)	Light brown/orange, silty M SAND (fill)	Dry	0	ND	ND	ND	
	Variable color, C SAND with small rocks	Dry	0	ND	ND	ND	
<b>Notes</b>	<p><b>Fill Materials</b> ~0 - 17'</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> Not encountered</p>						

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

SB-01  (SHEET 2 OF 2)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						
	DATE: 2015-12-14      DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core) ESI STAFF: T. Goodnough      WEATHER: sunny, 50s F ESI FILE EB15159.20						
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (2")	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
	SOIL / MATERIAL DESCRIPTION						
20 – 25' (75%)	Variable color, C SAND with fractured rocks	Dry	0	ND	ND	ND	
25 – 30' (80%)	Variable color, C SAND with fractured rocks and gravel  ***** End of Boring at 30' *****	Dry	0	ND	ND	ND	
<b>Notes</b> <b>Fill Materials</b> ~0 - 17' <b>Field Evidence of Contamination</b> Not encountered <b>Saturated Soils</b> Not encountered							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

SB-02  (SHEET 1 OF 2)		Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						ESI FILE EB15159.20	
		DATE: 2015-12-14		DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core)				ESI STAFF: T. Goodnough	
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (4")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
	SOIL / MATERIAL DESCRIPTION								
0 – 5' (60%)	Variable color, F SILT to silty F SAND with brick debris (fill)		Dry	0	ND	ND	ND	(0-2)	
5 – 10' (60%)	Light brown/orange, F SAND turning silty at ~9', some brick debris at ~5.5' (fill)		Dry	0	ND	ND	ND		
10 – 15' (75%)	Light brown/orange, silty F SAND becoming M SAND at ~11', brick and rock at ~12' (fill)		Dry	0	ND	ND	ND		
15 – 20' (60%)	Light brown/orange, M SAND with small gravel (fill)		Dry	0	ND	ND	ND		
	Variable color, C SAND with rocks and gravel		Dry	0	ND	ND	ND		
<p><b>Notes</b></p> <p><b>Fill Materials</b> ~0 - 18'</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> Not encountered</p>									

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						
	DATE: 2015-12-14      DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core) ESI STAFF: T. Goodnough      WEATHER: sunny, 50s F ESI FILE EB15159.20						
SURFACE MATERIAL: GRASS + TOPSOIL (4")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
Soil / Material Description							
20 – 25' (75%)	Variable color, C SAND with fractured rocks	Dry	0	ND	ND	ND	
25 – 30' (90%)	Variable color, C SAND with fractured rocks and gravel  ***** End of Boring at 30' *****	Dry	0	ND	ND	ND	
<b>Notes</b> <b>Fill Materials</b> ~0 - 18' <b>Field Evidence of Contamination</b> Not encountered <b>Saturated Soils</b> Not encountered							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

SB-03  (SHEET 1 OF 1)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						
	DATE: 2015-12-14		DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core)		ESI FILE EB15159.20		
ESI STAFF: T. Goodnough		WEATHER: sunny, 50s F					
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (6")						SAMPLES COLLECTED
	SOIL / MATERIAL DESCRIPTION						
0 – 5' (60%)	Medium brown, SILT with brick debris overlying light brown/orange, M-F SAND (fill)						(0-2)
5 – 10' (75%)	Light brown/orange, F SAND with brick at ~5.5', turning silty at ~7' (fill)  ***** End of Boring at 9' - refusal *****						
<b>Notes</b>	<b>Fill Materials</b> ~0 - 9'  <b>Field Evidence of Contamination</b> Not encountered  <b>Saturated Soils</b> Not encountered						

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

SB-04  (SHEET 1 OF 1)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York							ESI FILE EB15159.20
	DATE: 2015-12-14		DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core)		WEATHER: sunny, 50s F			
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (6")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
	SOIL / MATERIAL DESCRIPTION							
0 – 5' (60%)	Medium brown, SILT with brick debris overlying light brown/orange, M-F SAND (fill)		Dry	0	ND	ND	ND	(0-2)
5 – 10' (75%)	Light brown/orange, F SAND with brick at ~5.5', turning silty at ~7' (fill)  ***** End of Boring at 10' - refusal *****		Dry	0	ND	ND	ND	
<b>Notes</b>	<b>Fill Materials</b> ~0 - 10'  <b>Field Evidence of Contamination</b> Not encountered  <b>Saturated Soils</b> Not encountered							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

SB-05  (SHEET 1 OF 1)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York							ESI FILE EB15159.20
	DATE: 2015-12-14		DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core)		WEATHER: sunny, 50s F			
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (6")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
	SOIL / MATERIAL DESCRIPTION							
0 – 5' (40%)	Dark brown, sandy SILT with concrete and brick debris (fill)		Dry	0	ND	ND	ND	(3-5)
5 – 10' (40%)	Variable color, variable texture SAND with brick overlying medium brown, SILT (fill)		Dry	0	ND	ND	ND	
10 – 15' (50%)	Medium brown, silty, variable texture SAND with brick debris (fill)		Dry	0	ND	ND	ND	
	Medium brown, M SAND (fill)		Dry	0	ND	ND	ND	
15 – 20' (80%)	Medium brown, M SAND (fill)		Dry	0	ND	ND	ND	
	Variable color, C SAND with fragmented rocks and gravel		Dry	0	ND	ND	ND	
***** End of Boring at 20' *****								
<p><b>Notes</b></p> <p><b>Fill Materials</b> ~0 – 18'</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> Not encountered</p>								

ND (non-detect) PID (photoionization detector) ppm (parts per million) NAPL (non-aqueous phase liquid)  
 F (fine) M (medium) C (coarse) P (plastic) LP (low plastic) NP (non-plastic)

# Soil Boring Log

SB-06  (SHEET 1 OF 1)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York							ESI FILE EB15159.20
	DATE: 2015-12-14		DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core)		WEATHER: sunny, 50s F			ESI STAFF: T. Goodnough
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (3")	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
	SOIL / MATERIAL DESCRIPTION							
0 – 5' (33%)	6" brick debris, overlying dark brown, variable texture SAND with brick, rock, ceramic debris (fill)	Dry	0	ND	ND	ND		
5 – 10' (50%)	Variable color, variable texture SAND with brick, masonry, ceramic debris (fill)	Dry	0	ND	ND	ND	(7-9)	
	0.5" area of black, shiny material (leather?) with mild chemical odor	Dry	1.5	ND	ND	ND		
	Light brown/orange, sandy SILT	Dry	0	ND	ND	ND		
10 – 15' (0%)	No recovery  ***** End of Boring at 15' – refusal*****							
<b>Notes</b>	<b>Fill Materials</b> ~0 - 10'  <b>Field Evidence of Contamination</b> 0.5" area at ~7' with mild chemical odor, 1.5 ppm PID reading  <b>Saturated Soils</b> Not encountered							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

SB-07  (SHEET 1 OF 1)	Phase II Environmental Site Assessment 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York							ESI FILE EB15159.20
	DATE: 2015-12-14		DRILLER (RIG) Zebra (GP-20 Geoprobe, 5' macro-core)		WEATHER: sunny, 50s F			ESI STAFF: T. Goodnough
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS + TOPSOIL (2")	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
SOIL / MATERIAL DESCRIPTION								
<b>0 – 5'</b> (90%)	Dark brown, sandy SILT with masonry, ashy material (fill) Variable color, variable texture SAND with brick, masonry, ceramic tile (fill)	Dry	0	ND	ND	ND		
<b>5 – 10'</b> (90%)	Medium brown, variable texture SAND with brick and masonry, wood at ~9.5' (fill)	Dry	0	ND	ND	ND	<b>(7-9)</b>	
<b>10 – 15'</b> (100%)	Medium brown, M SAND (fill)	Dry	0	ND	ND	ND		
<b>15 – 20'</b> (100%)	Medium brown, M SAND (fill) Variable color, variable texture C SAND with pebbles  ***** End of Boring at 20' *****	Dry	0	ND	ND	ND		
<b>Notes</b>	<b>Fill Materials</b> ~0 – 17'  <b>Field Evidence of Contamination</b> Not encountered  <b>Saturated Soils</b> Not encountered							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)



**APPENDIX C**

***Data Summary Tables***

Table 1: VOCs in Soils

All data in mg/Kg (ppm)		Sample ID		SB-01 0-2		SB-02 0-2		SB-03/04 0-2		SB-05 3-5	
U= Not Detected ≥ indicated value		Sample Date		(2015-12-14)		(2015-12-14)		(2015-12-14)		(2015-12-14)	
Data above SCOs shown in Bold		Dilution Factor		1		1		1		1	
VOCs, 8260	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1,1,2-Tetrachloroethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,1,1-Trichloroethane	0.68	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,1,2,2-Tetrachloroethane	NA	35	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,1,2-Trichloroethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,1-Dichloroethane	0.27	26	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2,3-Trichlorobenzene	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2,3-Trichloropropane	NA	80	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2,4-Trichlorobenzene	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2,4-Trimethylbenzene	3.6	52	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2-Dibromo-3-chloropropane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2-Dibromoethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2-Dichlorobenzene	1.1	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2-Dichloroethane	0.2	31	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,2-Dichloropropane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,3,5-Trimethylbenzene	8.4	52	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,3-Dichlorobenzene	2.4	49	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,4-Dichlorobenzene	1.8	13	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
1,4-Dioxane	0.1	13	0.056	U	0.05	U	0.053	U	0.051	U	
2-Butanone (MEK)	0.12	100	0.0028	U	0.0025	U	0.0027	U	0.0093		
2-Hexanone	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
4-Methyl-2-pentanone	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Acetone	0.05	100	0.044		0.077		0.0053	U	0.045		
Acrolein	NA	NA	0.0056	U	0.005	U	0.0053	U	0.0051	U	
Acrylonitrile	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Benzene	0.06	48	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Bromochloromethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Bromodichloromethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Bromoform	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Bromomethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Carbon disulfide	NA	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Carbon tetrachloride	0.76	24	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Chlorobenzene	1.1	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Chloroethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Chloroform	0.37	49	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Chloromethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
cis-1,3-Dichloropropylene	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Cyclohexane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Dibromochloromethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Dibromomethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Dichlorodifluoromethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Ethyl Benzene	1	41	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Hexachlorobutadiene	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Isopropylbenzene	2.3	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Methyl acetate	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Methyl tert-butyl ether (MTBE)	0.93	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Methylcyclohexane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Methylene chloride	0.05	500	0.0056	U	0.005	U	0.0053	U	0.0051	U	
n-Butylbenzene	12	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
n-Propylbenzene	3.9	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
o-Xylene	0.26	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
p- & m- Xylenes	0.26	100	0.0056	U	0.005	U	0.0053	U	0.0051	U	
p-Isopropyltoluene	10	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
sec-Butylbenzene	11	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Styrene	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
tert-Butyl alcohol (TBA)	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0051	U	
tert-Butylbenzene	5.9	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Tetrachloroethylene (PCE)	1.3	19	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Toluene	0.7	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
trans-1,3-Dichloropropylene	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Trichloroethylene (TCE)	0.47	21	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Trichlorofluoromethane	NA	NA	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Vinyl chloride (VC)	0.02	0.9	0.0028	U	0.0025	U	0.0027	U	0.0026	U	
Xylenes, Total	0.26	100	0.0085	U	0.0074	U	0.008	U	0.0077	U	

Detected Concentrations  
 Concentrations > UUSCOs  
 Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 1: VOCs in Soils**

All data in mg/Kg (ppm)		Sample ID	SB-06/07 7-9	
U= Not Detected ≥ indicated value		Sample Date	(2015-12-14)	
Data above SCOs shown in <b>Bold</b>		Dilution Factor	1	
VOCs, 8260	UUSCO	RRUSCO	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.35	U
1,1,1-Trichloroethane	0.68	100	0.35	U
1,1,2,2-Tetrachloroethane	NA	35	0.35	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.35	U
1,1,2-Trichloroethane	NA	NA	0.35	U
1,1-Dichloroethane	0.27	26	0.35	U
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.35	U
1,2,3-Trichlorobenzene	NA	NA	0.35	U
1,2,3-Trichloropropane	NA	80	0.35	U
1,2,4-Trichlorobenzene	NA	NA	0.35	U
1,2,4-Trimethylbenzene	3.6	52	0.35	U
1,2-Dibromo-3-chloropropane	NA	NA	0.35	U
1,2-Dibromoethane	NA	NA	0.35	U
1,2-Dichlorobenzene	1.1	100	0.35	U
1,2-Dichloroethane	0.2	31	0.35	U
1,2-Dichloropropane	NA	NA	0.35	U
1,3,5-Trimethylbenzene	8.4	52	0.35	U
1,3-Dichlorobenzene	2.4	49	0.35	U
1,4-Dichlorobenzene	1.8	13	0.35	U
1,4-Dioxane	0.1	13	7	U
2-Butanone (MEK)	0.12	100	0.35	U
2-Hexanone	NA	NA	0.35	U
4-Methyl-2-pentanone	NA	NA	0.35	U
Acetone	0.05	100	0.7	U
Acrolein	NA	NA	0.7	U
Acrylonitrile	NA	NA	0.35	U
Benzene	0.06	48	0.35	U
Bromochloromethane	NA	NA	0.35	U
Bromodichloromethane	NA	NA	0.35	U
Bromoform	NA	NA	0.35	U
Bromomethane	NA	NA	0.35	U
Carbon disulfide	NA	100	0.35	U
Carbon tetrachloride	0.76	24	0.35	U
Chlorobenzene	1.1	100	0.35	U
Chloroethane	NA	NA	0.35	U
Chloroform	0.37	49	0.35	U
Chloromethane	NA	NA	0.35	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.35	U
cis-1,3-Dichloropropylene	NA	NA	0.35	U
Cyclohexane	NA	NA	0.35	U
Dibromochloromethane	NA	NA	0.35	U
Dibromomethane	NA	NA	0.35	U
Dichlorodifluoromethane	NA	NA	0.35	U
Ethyl Benzene	1	41	0.35	U
Hexachlorobutadiene	NA	NA	0.35	U
Isopropylbenzene	2.3	100	0.35	U
Methyl acetate	NA	NA	0.63	JD
Methyl tert-butyl ether (MTBE)	0.93	100	0.35	U
Methylcyclohexane	NA	NA	0.35	U
Methylene chloride	0.05	500	0.7	U
n-Butylbenzene	12	100	0.35	U
n-Propylbenzene	3.9	100	0.35	U
o-Xylene	0.26	100	0.35	U
p- & m- Xylenes	0.26	100	0.7	U
p-Isopropyltoluene	10	NA	0.35	U
sec-Butylbenzene	11	100	0.35	U
Styrene	NA	NA	0.35	U
tert-Butyl alcohol (TBA)	NA	NA	0.35	U
tert-Butylbenzene	5.9	100	0.35	U
Tetrachloroethylene (PCE)	1.3	19	0.35	U
Toluene	0.7	100	0.35	U
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.35	U
trans-1,3-Dichloropropylene	NA	NA	0.35	U
Trichloroethylene (TCE)	0.47	21	0.35	U
Trichlorofluoromethane	NA	NA	0.35	U
Vinyl chloride (VC)	0.02	0.9	0.35	U
Xylenes, Total	0.26	100	1.1	U

Detected Concentrations  
 Concentrations > UUSCOs  
 Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 2: PAHs in Soils**

All data in mg/Kg (ppm)			Sample ID		SB-01 0-2		SB-02 0-2		SB-03/04 0-2	
U= Not Detected ≥ indicated value			Sample Date		(2015-12-14)		(2015-12-14)		(2015-12-14)	
Data above SCOs shown in <b>Bold</b>			Dilution Factor		2		2		20	
<b>SVOCs, 8270</b>	<b>UUSCO</b>	<b>RRUSCO</b>	Result	Qualifier	Result	Qualifier	Result	Qualifier		
2-Methylnaphthalene	NA	0.41	0.048	U	0.048	U	0.22	D		
Acenaphthene	20	100	0.19	D	0.048	U	0.66	D		
Acenaphthylene	100	100	0.048	U	0.048	U	0.047	U		
Anthracene	100	100	0.43	D	0.1	D	1.27	D		
Benzo(a)anthracene	1	1	<b>1.31</b>	D	0.35	D	<b>2.18</b>	D		
Benzo(a)pyrene	1	1	0.9	D	0.25	D	<b>1.35</b>	D		
Benzo(b)fluoranthene	1	1	0.58	D	0.24	D	<b>1.52</b>	D		
Benzo(g,h,i)perylene	100	100	0.27	D	0.09	JD	0.31	D		
Benzo(k)fluoranthene	0.8	3.9	1.16	D	0.25	D	0.94	D		
Chrysene	1	3.9	1.52	D	0.46	D	2.36	D		
Dibenzo(a,h)anthracene	0.33	0.33	0.14	D	0.048	U	0.21	D		
Fluoranthene	100	100	2.22	D	0.7	D	8.21	D		
Fluorene	30	100	0.16	D	0.048	U	0.66	D		
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.25	D	0.095	JD	0.37	D		
Naphthalene	12	100	0.096	JD	0.048	U	0.49	D		
Phenanthrene	100	100	2.18	D	0.55	D	9.36	D		
Pyrene	100	100	2.28	D	0.57	D	8.54	D		

Detected Concentrations

Concentrations > UUSCOs

Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 2: PAHs in Soils**

All data in mg/Kg (ppm) U= Not Detected ≥ indicated value Data above SCOs shown in <b>Bold</b>			Sample ID		SB-05 3-5		SB-06/07 7-9	
			Sample Date		(2015-12-14)		(2015-12-14)	
			Dilution Factor		2		50	
<b>SVOCs, 8270</b>	<b>UUSCO</b>	<b>RRUSCO</b>	Result	Qualifier	Result	Qualifier	Result	Qualifier
2-Methylnaphthalene	NA	0.41	0.046	U	<b>7.79</b>	D		
Acenaphthene	20	100	0.17	D	16.9	D		
Acenaphthylene	100	100	0.046	U	0.28	D		
Anthracene	100	100	0.26	D	29.1	D		
Benzo(a)anthracene	1	1	0.48	D	<b>31.6</b>	D		
Benzo(a)pyrene	1	1	0.33	D	<b>3.01</b>	D		
Benzo(b)fluoranthene	1	1	0.34	D	<b>13.4</b>	D		
Benzo(g,h,i)perylene	100	100	0.11	D	6.41	D		
Benzo(k)fluoranthene	0.8	3.9	0.35	D	<b>17.2</b>	D		
Chrysene	1	3.9	0.59	D	<b>28.2</b>	D		
Dibenzo(a,h)anthracene	0.33	0.33	0.053	JD	<b>4.26</b>	D		
Fluoranthene	100	100	1.16	D	61	D		
Fluorene	30	100	0.13	D	20.1	D		
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.1	D	<b>6.37</b>	D		
Naphthalene	12	100	0.11	D	17.2	D		
Phenanthrene	100	100	1.29	D	69.2	D		
Pyrene	100	100	0.92	D	49.1	D		

Detected Concentrations  
**Concentrations > UUSCOs**  
**Concentrations > RRUSCOs**

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: TAL Metals in Soils

All data in mg/Kg (ppm)			Sample ID		SB-01 0-2		SB-02 0-2		SB-03/04 0-2		SB-05 3-5		SB-06/07 7-9	
U= Not Detected ≥ indicated value			Sample Date		(2015-12-14)		(2015-12-14)		(2015-12-14)		(2015-12-14)		(2015-12-14)	
Data above SCOs shown in <b>Bold</b>			Dilution Factor		1		1		1		1		1	
Metals, 6010 and 7473	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	NA	8,630		8,210		9,960		8,520		7,060			
Antimony	NA	NA	0.58	U	0.57	U	0.57	U	0.75		0.9			
Arsenic	13	16	9.13		3.03		2.41		5.97		9.05			
Barium	350	400	<b>543</b>		152		92.8		<b>635</b>		317			
Beryllium	7.2	72	0.12	U	0.11	U	0.11	U	0.11	U	0.12	U		
Cadmium	2.5	4.3	1.27		0.34	U	0.34	U	1.16		0.57			
Calcium	NA	NA	19,400		8,530		3,980		26,500		35,600			
Chromium	30	180	19.5		18.5		17.3		20.1		29.2			
Cobalt	NA	30 <sup>#</sup>	7.55		7.68		7.57		7.4		8.08			
Copper	50	270	52.8		158		45.8		71.3		62.7			
Iron	NA	2,000 <sup>#</sup>	18,700		17,200		17,600		19,300		34,100			
Lead	63	400	<b>788</b>		229		99.6		<b>909</b>		<b>1,010</b>			
Magnesium	NA	NA	1,870		2,500		2,230		3,050		3,110			
Manganese	1,600	2,000	418		338		399		350		280			
Mercury	0.18	0.81	<b>1.75</b>		0.27		0.11		0.38		<b>1.04</b>			
Nickel	30	310	16.9		16.6		13.9		20.8		18.7			
Potassium	NA	NA	666		833		596		848		914			
Selenium	3.9	180	2.03		1.14	U	1.13	U	1.87		2.96			
Silver	2	180	0.58	U	0.57	U	0.57	U	0.56	U	0.59	U		
Sodium	NA	NA	196		86.9		167		196		288			
Thallium	NA	NA	1.16	U	1.14	U	1.13	U	1.11	U	1.17	U		
Vanadium	NA	100 <sup>#</sup>	28		26.1		24.6		33.6		24.9			
Zinc	109	10,000	327		208		85.7		1,110		269			

Detected Concentrations # = Supplemental SCO  
 Concentrations > UUSCOs (NYSDEC CP-51 Table 1)  
 Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 4: Pesticides and PCBs in Soils**

All data in mg/Kg (ppm) U= Not Detected ≥ indicated value Data above SCOs shown in <b>Bold</b>			Sample ID		SB-01 0-2		SB-06/07 7-9	
			Sample Date		(2015-12-14)		(2015-12-14)	
			Dilution Factor		5		5	
<b>Pesticides, 8081</b>	<b>UUSCO</b>	<b>RRUSCO</b>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>
4,4'-DDD	0.0033	13	0.0019	U	0.0027	D		
4,4'-DDE	0.0033	8.9	0.0019	U	0.0025	D		
4,4'-DDT	0.0033	7.9	0.0039	D	0.014	D		
Aldrin	0.005	0.097	0.0019	U	0.0019	U		
alpha-BHC	0.02	0.48	0.0019	U	0.0019	U		
alpha-Chlordane	0.094	4.2	0.0019	U	0.0048	D		
beta-BHC	0.036	0.36	0.0019	U	0.0019	U		
Chlordane (total)	NA	NA	0.076	U	0.077	U		
delta-BHC	0.04	100	0.0019	U	0.0019	U		
Dieldrin	0.005	0.2	0.0019	U	0.0019	U		
Endosulfan I	2.4	24	0.0019	U	0.0019	U		
Endosulfan II	2.4	24	0.0019	U	0.0019	U		
Endosulfan sulfate	2.4	24	0.0019	U	0.0019	U		
Endrin	0.014	11	0.0019	U	0.0019	U		
Endrin aldehyde	NA	NA	0.0019	U	0.0019	U		
Endrin ketone	NA	NA	0.0019	U	0.0019	U		
gamma-BHC (Lindane)	0.1	1.3	0.0019	U	0.0019	U		
gamma-Chlordane	NA	0.54 <sup>#</sup>	0.0019	U	0.0039	D		
Heptachlor	0.042	2.1	0.0019	U	0.0019	U		
Heptachlor Epoxide	NA	0.077 <sup>#</sup>	0.0019	U	0.0019	U		
Methoxychlor	NA	100 <sup>#</sup>	0.0095	U	0.0097	U		
Toxaphene	NA	NA	0.097	U	0.098	U		

			Sample ID		SB-01 0-2		SB-06/07 7-9	
			Sample Date		(2015-12-14)		(2015-12-14)	
			Dilution Factor		1		1	
<b>PCBs, 8082</b>	<b>UUSCO</b>	<b>RRUSCO</b>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>	<i>Result</i>	<i>Qualifier</i>
Aroclor 1016	0.1	1.00	0.019	U	0.02	U		
Aroclor 1221	0.1	1.00	0.019	U	0.02	U		
Aroclor 1232	0.1	1.00	0.019	U	0.02	U		
Aroclor 1242	0.1	1.00	0.019	U	0.02	U		
Aroclor 1248	0.1	1.00	0.019	U	0.02	U		
Aroclor 1254	0.1	1.00	0.019	U	0.02	U		
Aroclor 1260	0.1	1.00	0.019	U	0.02	U		
Aroclor, Total	0.1	1.00	0.019	U	0.02	U		

Detected Concentrations # = Supplemental SCO  
**Concentrations > UUSCOs** (NYSDEC CP-51 Table 1)  
**Concentrations > RRUSCOs**

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: VOCs in Soil Vapor

All data in $\mu\text{g}/\text{m}^3$ U= Not Detected $\geq$ indicated value Data above AGVs shown in <b>Bold</b>	Sample ID	SV-01		SV-02		SV-03	
	Sample Date	(2015-12-14)		(2015-12-14)		(2015-12-14)	
	Dilution Factor	1.833		2.016		2.191	
VOCs, TO-15	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1,1,2-Tetrachloroethane	1.3	U	1.4	U	1.5	U	
1,1,1-Trichloroethane	1	U	1.1	U	2	D	
1,1,2,2-Tetrachloroethane	1.3	U	1.4	U	1.5	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	U	1.5	U	1.7	U	
1,1,2-Trichloroethane	1	U	1.1	U	1.2	U	
1,1-Dichloroethane	0.74	U	0.82	U	0.89	U	
1,1-Dichloroethene	0.73	U	0.8	U	0.87	U	
1,2,4-Trichlorobenzene	1.4	U	1.5	U	1.6	U	
1,2,4-Trimethylbenzene	1.6	D	0.99	U	1.1	U	
1,2-Dibromoethane	1.4	U	1.5	U	1.7	U	
1,2-Dichlorobenzene	1.1	U	1.2	U	1.3	U	
1,2-Dichloroethane	0.74	U	0.82	U	0.89	U	
1,2-Dichloropropane	0.85	U	0.93	U	1	U	
1,2-Dichlorotetrafluoroethane	1.3	U	1.4	U	1.5	U	
1,3,5-Trimethylbenzene	0.9	U	0.99	U	1.1	U	
1,3-Butadiene	2.4	U	11	D	2.8	U	
1,3-Dichlorobenzene	1.1	U	1.2	U	1.3	U	
1,3-Dichloropropane	0.85	U	0.93	U	1	U	
1,4-Dichlorobenzene	1.1	U	1.2	U	1.3	U	
1,4-Dioxane	1.3	U	1.5	U	1.6	U	
2-Butanone	70	D	120	D	86	D	
2-Hexanone	16	D	24	D	19	D	
3-Chloropropene	2.9	U	3.2	U	3.4	U	
4-Methyl-2-pentanone	5.6	D	7.8	D	3.5	D	
Acetone	22	D	56	D	34	D	
Acrylonitrile	0.4	U	0.44	U	0.48	U	
Benzene	0.59	U	3.7	D	1.3	D	
Benzyl chloride	0.95	U	1	U	1.1	U	
Bromodichloromethane	1.1	U	1.3	U	1.4	U	
Bromoform	1.9	U	2.1	U	2.3	U	
Bromomethane	0.71	U	0.78	U	0.85	U	
Carbon disulfide	15	D	18	D	8.2	D	
Carbon tetrachloride	0.29	U	0.32	U	0.34	U	
Chlorobenzene	0.84	U	0.93	U	1	U	
Chloroethane	0.48	U	0.53	U	0.58	U	
Chloroform	0.89	U	0.98	U	1.1	U	
Chloromethane	0.38	U	0.42	U	0.45	U	
cis-1,2-Dichloroethene	0.73	U	0.8	U	0.87	U	
cis-1,3-Dichloropropene	0.83	U	0.91	U	0.99	U	
Cyclohexane	0.63	U	1.7	D	0.75	U	
Dibromochloromethane	1.5	U	1.6	U	1.8	U	
Dichlorodifluoromethane	2.7	D	2.3	D	2.8	D	
Ethyl Acetate	1.3	U	1.5	U	1.6	U	
Ethylbenzene	1.1	D	5.2	D	3.1	D	
Hexachlorobutadiene	2	U	2.2	U	2.3	U	
Isopropanol	0.9	U	2.4	D	1.2	D	
Methyl Methacrylate	0.75	U	0.83	U	0.9	U	
Methyl tert butyl ether	0.66	U	0.73	U	0.79	U	
Methylene chloride	1.3	U	1.4	U	1.5	U	
n-Heptane	11	D	0.83	U	0.9	U	
n-Hexane	29	D	92	D	1.8	D	
o-Xylene	1.4	D	2.3	D	1.2	D	
p/m-Xylene	3.1	D	4.9	D	2.5	D	
p-Ethyltoluene	1.4	D	0.99	U	1.1	U	
Propylene	0.32	U	0.35	U	0.38	U	
Styrene	0.78	U	0.86	U	0.93	U	
Tetrachloroethene	4.5	D	11	D	22	D	
Tetrahydrofuran	1.1	U	1.2	U	2	D	
Toluene	2.7	D	5.6	D	1.9	D	
trans-1,2-Dichloroethene	0.73	U	0.8	U	0.87	U	
trans-1,3-Dichloropropene	0.83	U	0.91	U	0.99	U	
Trichloroethene	0.25	U	0.27	U	0.29	U	
Trichlorofluoromethane	12	D	3.6	D	6.9	D	
Vinyl acetate	0.65	U	0.71	U	0.77	U	
Vinyl bromide	0.8	U	0.88	U	0.96	U	
Vinyl chloride	0.47	U	0.52	U	0.56	U	

Detected concentrations  
Relatively elevated concentrations

Notes: NA = not available  
Result Qualifiers: J = approximate E = estimated B = detected in blank



Ecosystems Strategies, Inc.

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## **APPENDIX D**

### ***Laboratory Reports***



# Technical Report

prepared for:

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
**Attention: Tyler Goodnough**

Report Date: 12/22/2015  
**Client Project ID: EB15157.20**  
York Project (SDG) No.: 15L0644

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 12/22/2015  
Client Project ID: EB15157.20  
York Project (SDG) No.: 15L0644

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
Attention: Tyler Goodnough

## 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 December 16, 2015 and listed below. The project was identified as your project: **EB15157.20**.

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>
15L0644-01	SV-01	Soil Vapor	12/14/2015	12/16/2015
15L0644-02	SV-02	Soil Vapor	12/14/2015	12/16/2015
15L0644-03	SV-03	Soil Vapor	12/14/2015	12/16/2015

## General Notes for York Project (SDG) No.: 15L0644

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: 12/22/2015





## Sample Information

**Client Sample ID:** SV-01

**York Sample ID:** 15L0644-01

<u>York Project (SDG) No.</u> 15L0644	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.3	1.3	1.833	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 18:40	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	1.0	1.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.3	1.3	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.4	1.4	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	1.0	1.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.74	0.74	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.73	0.73	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	1.4	1.4	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>1.6</b>		ug/m <sup>3</sup>	0.90	0.90	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	1.4	1.4	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.74	0.74	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.85	0.85	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	1.3	1.3	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.90	0.90	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	2.4	2.4	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.85	0.85	1.833	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 18:40	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	1.3	1.3	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
78-93-3	<b>2-Butanone</b>	<b>70</b>		ug/m <sup>3</sup>	0.54	0.54	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
591-78-6	* <b>2-Hexanone</b>	<b>16</b>		ug/m <sup>3</sup>	1.5	1.5	1.833	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 18:40	ALD



## Sample Information

**Client Sample ID:** SV-01

**York Sample ID:** 15L0644-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	* 3-Chloropropene	ND		ug/m <sup>3</sup>	2.9	2.9	1.833	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 18:40	ALD
108-10-1	<b>4-Methyl-2-pentanone</b>	<b>5.6</b>		ug/m <sup>3</sup>	0.75	0.75	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
67-64-1	<b>Acetone</b>	<b>22</b>		ug/m <sup>3</sup>	0.87	0.87	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
107-13-1	* Acrylonitrile	ND		ug/m <sup>3</sup>	0.40	0.40	1.833	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 18:40	ALD
71-43-2	Benzene	ND		ug/m <sup>3</sup>	0.59	0.59	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.95	0.95	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	1.9	1.9	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.71	0.71	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-15-0	<b>Carbon disulfide</b>	<b>15</b>		ug/m <sup>3</sup>	0.57	0.57	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	0.29	0.29	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.84	0.84	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.48	0.48	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	0.89	0.89	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	0.38	0.38	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.73	0.73	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.83	0.83	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	0.63	0.63	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.5	1.5	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.7</b>		ug/m <sup>3</sup>	0.91	0.91	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	1.3	1.3	1.833	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 18:40	ALD
100-41-4	<b>Ethyl Benzene</b>	<b>1.1</b>		ug/m <sup>3</sup>	0.80	0.80	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	2.0	2.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD



### Sample Information

**Client Sample ID:** SV-01

**York Sample ID:** 15L0644-01

York Project (SDG) No.

Client Project ID

Matrix

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15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	0.90	0.90	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.75	0.75	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.66	0.66	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	1.3	1.3	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
142-82-5	<b>n-Heptane</b>	<b>11</b>		ug/m <sup>3</sup>	0.75	0.75	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
110-54-3	<b>n-Hexane</b>	<b>29</b>		ug/m <sup>3</sup>	0.65	0.65	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
95-47-6	<b>o-Xylene</b>	<b>1.4</b>		ug/m <sup>3</sup>	0.80	0.80	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>3.1</b>		ug/m <sup>3</sup>	1.6	1.6	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
622-96-8	<b>* p-Ethyltoluene</b>	<b>1.4</b>		ug/m <sup>3</sup>	0.90	0.90	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	0.32	0.32	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.78	0.78	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
127-18-4	<b>Tetrachloroethylene</b>	<b>4.5</b>		ug/m <sup>3</sup>	0.31	0.31	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	1.1	1.1	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
108-88-3	<b>Toluene</b>	<b>2.7</b>		ug/m <sup>3</sup>	0.69	0.69	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.73	0.73	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.83	0.83	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	0.25	0.25	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>12</b>		ug/m <sup>3</sup>	1.0	1.0	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.65	0.65	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.80	0.80	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.47	0.47	1.833	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 18:40	ALD
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
460-00-4	Surrogate: p-Bromofluorobenzene	95.0 %			72-118						



## Sample Information

**Client Sample ID:** SV-02

**York Sample ID:** 15L0644-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.4	1.4	2.016	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 19:41	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	1.1	1.1	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.4	1.4	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.5	1.5	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	1.1	1.1	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.82	0.82	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.80	0.80	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	1.5	1.5	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.99	0.99	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	1.5	1.5	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.2	1.2	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.82	0.82	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.93	0.93	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	1.4	1.4	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.99	0.99	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
106-99-0	<b>1,3-Butadiene</b>	<b>11</b>		ug/m <sup>3</sup>	2.6	2.6	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.2	1.2	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	0.93	0.93	2.016	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 19:41	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.2	1.2	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	1.5	1.5	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
78-93-3	<b>2-Butanone</b>	<b>120</b>		ug/m <sup>3</sup>	0.59	0.59	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
591-78-6	* <b>2-Hexanone</b>	<b>24</b>		ug/m <sup>3</sup>	1.7	1.7	2.016	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 19:41	ALD
107-05-1	* 3-Chloropropene	ND		ug/m <sup>3</sup>	3.2	3.2	2.016	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 19:41	ALD



## Sample Information

**Client Sample ID:** SV-02

**York Sample ID:** 15L0644-02

York Project (SDG) No.

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15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	<b>4-Methyl-2-pentanone</b>	<b>7.8</b>		ug/m <sup>3</sup>	0.83	0.83	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
67-64-1	<b>Acetone</b>	<b>56</b>		ug/m <sup>3</sup>	0.96	0.96	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
107-13-1	* Acrylonitrile	ND		ug/m <sup>3</sup>	0.44	0.44	2.016	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 19:41	ALD
71-43-2	<b>Benzene</b>	<b>3.7</b>		ug/m <sup>3</sup>	0.64	0.64	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	1.0	1.0	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	1.3	1.3	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	2.1	2.1	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.78	0.78	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-15-0	<b>Carbon disulfide</b>	<b>18</b>		ug/m <sup>3</sup>	0.63	0.63	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	0.32	0.32	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.93	0.93	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.53	0.53	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	0.98	0.98	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	0.42	0.42	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.80	0.80	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.91	0.91	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
110-82-7	<b>Cyclohexane</b>	<b>1.7</b>		ug/m <sup>3</sup>	0.69	0.69	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.6	1.6	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.3</b>		ug/m <sup>3</sup>	1.0	1.0	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	1.5	1.5	2.016	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 19:41	ALD
100-41-4	<b>Ethyl Benzene</b>	<b>5.2</b>		ug/m <sup>3</sup>	0.88	0.88	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	2.2	2.2	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
67-63-0	<b>Isopropanol</b>	<b>2.4</b>		ug/m <sup>3</sup>	0.99	0.99	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD



### Sample Information

**Client Sample ID:** SV-02

**York Sample ID:** 15L0644-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.83	0.83	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.73	0.73	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	1.4	1.4	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	0.83	0.83	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
110-54-3	<b>n-Hexane</b>	<b>92</b>		ug/m <sup>3</sup>	0.71	0.71	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
95-47-6	<b>o-Xylene</b>	<b>2.3</b>		ug/m <sup>3</sup>	0.88	0.88	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>4.9</b>		ug/m <sup>3</sup>	1.8	1.8	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	0.99	0.99	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	0.35	0.35	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.86	0.86	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
127-18-4	<b>Tetrachloroethylene</b>	<b>11</b>		ug/m <sup>3</sup>	0.34	0.34	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	1.2	1.2	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
108-88-3	<b>Toluene</b>	<b>5.6</b>		ug/m <sup>3</sup>	0.76	0.76	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.80	0.80	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.91	0.91	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	0.27	0.27	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>3.6</b>		ug/m <sup>3</sup>	1.1	1.1	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.71	0.71	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.88	0.88	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.52	0.52	2.016	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 19:41	ALD
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>							
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %		72-118							



## Sample Information

**Client Sample ID:** SV-03

**York Sample ID:** 15L0644-03

York Project (SDG) No.

Client Project ID

Matrix

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15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.5	1.5	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
71-55-6	<b>1,1,1-Trichloroethane</b>	<b>2.0</b>		ug/m <sup>3</sup>	1.2	1.2	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	1.5	1.5	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	1.7	1.7	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	1.2	1.2	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.89	0.89	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.87	0.87	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	1.6	1.6	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	1.1	1.1	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	1.7	1.7	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.3	1.3	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.89	0.89	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	1.0	1.0	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	1.5	1.5	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	1.1	1.1	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	2.8	2.8	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.3	1.3	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	1.0	1.0	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	1.3	1.3	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	1.6	1.6	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
78-93-3	<b>2-Butanone</b>	<b>86</b>		ug/m <sup>3</sup>	0.65	0.65	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
591-78-6	* <b>2-Hexanone</b>	<b>19</b>		ug/m <sup>3</sup>	1.8	1.8	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
107-05-1	* 3-Chloropropene	ND		ug/m <sup>3</sup>	3.4	3.4	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD



### Sample Information

**Client Sample ID:** SV-03

**York Sample ID:** 15L0644-03

York Project (SDG) No.

Client Project ID

Matrix

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15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	<b>4-Methyl-2-pentanone</b>	<b>3.5</b>		ug/m <sup>3</sup>	0.90	0.90	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
67-64-1	<b>Acetone</b>	<b>34</b>		ug/m <sup>3</sup>	1.0	1.0	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
107-13-1	* Acrylonitrile	ND		ug/m <sup>3</sup>	0.48	0.48	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
71-43-2	<b>Benzene</b>	<b>1.3</b>		ug/m <sup>3</sup>	0.70	0.70	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	1.1	1.1	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	1.4	1.4	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	2.3	2.3	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.85	0.85	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-15-0	<b>Carbon disulfide</b>	<b>8.2</b>		ug/m <sup>3</sup>	0.68	0.68	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	0.34	0.34	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	1.0	1.0	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.58	0.58	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	1.1	1.1	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	0.45	0.45	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.87	0.87	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.99	0.99	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	0.75	0.75	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.8	1.8	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-71-8	<b>Dichlorodifluoromethane</b>	<b>2.8</b>		ug/m <sup>3</sup>	1.1	1.1	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	1.6	1.6	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
100-41-4	<b>Ethyl Benzene</b>	<b>3.1</b>		ug/m <sup>3</sup>	0.95	0.95	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	2.3	2.3	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
67-63-0	<b>Isopropanol</b>	<b>1.2</b>		ug/m <sup>3</sup>	1.1	1.1	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD



### Sample Information

**Client Sample ID:** SV-03

**York Sample ID:** 15L0644-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0644

EB15157.20

Soil Vapor

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.90	0.90	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.79	0.79	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	1.5	1.5	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	0.90	0.90	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
110-54-3	<b>n-Hexane</b>	<b>1.8</b>		ug/m <sup>3</sup>	0.77	0.77	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
95-47-6	<b>o-Xylene</b>	<b>1.2</b>		ug/m <sup>3</sup>	0.95	0.95	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>2.5</b>		ug/m <sup>3</sup>	1.9	1.9	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	1.1	1.1	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
115-07-1	* Propylene	ND		ug/m <sup>3</sup>	0.38	0.38	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.93	0.93	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
127-18-4	<b>Tetrachloroethylene</b>	<b>22</b>		ug/m <sup>3</sup>	0.37	0.37	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
109-99-9	<b>* Tetrahydrofuran</b>	<b>2.0</b>		ug/m <sup>3</sup>	1.3	1.3	2.191	EPA TO-15 Certifications:	12/21/2015 06:21	12/21/2015 20:37	ALD
108-88-3	<b>Toluene</b>	<b>1.9</b>		ug/m <sup>3</sup>	0.83	0.83	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.87	0.87	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.99	0.99	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	0.29	0.29	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>6.9</b>		ug/m <sup>3</sup>	1.2	1.2	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.77	0.77	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	0.96	0.96	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.56	0.56	2.191	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	12/21/2015 06:21	12/21/2015 20:37	ALD
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
460-00-4	Surrogate: p-Bromofluorobenzene	98.8 %						72-118			



## Analytical Batch Summary

**Batch ID:** BL51120

**Preparation Method:** EPA TO15 PREP

**Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15L0644-01	SV-01	12/21/15
15L0644-02	SV-02	12/21/15
15L0644-03	SV-03	12/21/15
BL51120-BLK1	Blank	12/21/15
BL51120-BS1	LCS	12/21/15



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL51120 - EPA TO15 PREP

Blank (BL51120-BLK1)

Prepared & Analyzed: 12/21/2015

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m <sup>3</sup>								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	1.3	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.62	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.80	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								



**Volatile Organic Compounds in Air by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

**Batch BL51120 - EPA TO15 PREP**

**Blank (BL51120-BLK1)**

Prepared & Analyzed: 12/21/2015

o-Xylene	ND	0.43	ug/m <sup>3</sup>								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								

<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.68</i>		<i>ppbv</i>	<i>10.4</i>		<i>93.1</i>	<i>72-118</i>				
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**LCS (BL51120-BS1)**

Prepared & Analyzed: 12/21/2015

1,1,1,2-Tetrachloroethane	10.3		ppbv	10.5		97.7	82-126				
1,1,1-Trichloroethane	10.3		"	10.2		101	70-130				
1,1,2,2-Tetrachloroethane	9.32		"	10.3		90.5	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.41		"	10.4		71.2	70-130				
1,1,2-Trichloroethane	9.37		"	10.3		91.0	70-130				
1,1-Dichloroethane	9.53		"	10.2		93.4	70-130				
1,1-Dichloroethylene	8.52		"	10.4		81.9	70-130				
1,2,4-Trichlorobenzene	7.55		"	9.00		83.9	70-130				
1,2,4-Trimethylbenzene	10.9		"	10.2		107	70-130				
1,2-Dibromoethane	10.2		"	10.4		98.2	70-130				
1,2-Dichlorobenzene	10.2		"	10.1		101	70-130				
1,2-Dichloroethane	10.2		"	10.2		99.5	70-130				
1,2-Dichloropropane	9.14		"	10.2		89.6	70-130				
1,2-Dichlorotetrafluoroethane	9.80		"	9.80		100	70-130				
1,3,5-Trimethylbenzene	10.4		"	10.0		104	70-130				
1,3-Butadiene	11.4		"	10.1		113	70-130				
1,3-Dichlorobenzene	10.4		"	10.2		102	70-130				
1,3-Dichloropropane	9.84		"	10.5		93.7	70-130				
1,4-Dichlorobenzene	10.8		"	10.1		107	70-130				
1,4-Dioxane	9.94		"	10.2		97.5	70-130				
2-Butanone	9.89		"	10.4		95.1	70-130				
2-Hexanone	11.0		"	10.5		105	70-130				
3-Chloropropene	7.91		"	10.7		73.9	70-130				
4-Methyl-2-pentanone	10.1		"	10.2		98.9	70-130				
Acetone	9.63		"	10.6		90.8	70-130				
Acrylonitrile	10.3		"	10.3		99.9	70-130				
Benzene	9.82		"	10.3		95.3	70-130				
Benzyl chloride	8.42		"	10.2		82.5	70-130				
Bromodichloromethane	9.94		"	10.2		97.5	70-130				
Bromoform	11.1		"	10.1		110	70-130				
Bromomethane	8.09		"	9.50		85.2	70-130				
Carbon disulfide	10.5		"	10.5		100	70-130				
Carbon tetrachloride	10.3		"	10.2		101	70-130				
Chlorobenzene	9.67		"	10.5		92.1	70-130				



**Volatile Organic Compounds in Air by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit	Units							Level	Result

**Batch BL51120 - EPA TO15 PREP**

**LCS (BL51120-BS1)**

Prepared & Analyzed: 12/21/2015

Chloroethane	6.18		ppbv	9.40		65.7	70-130		Low Bias		
Chloroform	9.51		"	10.4		91.4	70-130				
Chloromethane	9.80		"	9.80		100	70-130				
cis-1,2-Dichloroethylene	11.2		"	10.2		110	70-130				
cis-1,3-Dichloropropylene	11.2		"	11.0		102	70-130				
Cyclohexane	10.5		"	10.3		102	70-130				
Dibromochloromethane	10.5		"	10.6		98.7	70-130				
Dichlorodifluoromethane	8.69		"	9.80		88.7	70-130				
Ethyl acetate	9.53		"	10.4		91.6	70-130				
Ethyl Benzene	10.4		"	10.4		99.8	70-130				
Hexachlorobutadiene	9.03		"	9.10		99.2	70-130				
Isopropanol	7.96		"	10.0		79.6	70-130				
Methyl Methacrylate	10.3		"	9.80		105	70-130				
Methyl tert-butyl ether (MTBE)	11.1		"	10.3		107	70-130				
Methylene chloride	5.57		"	10.4		53.6	70-130		Low Bias		
n-Heptane	10.7		"	10.5		102	70-130				
n-Hexane	11.0		"	10.5		105	70-130				
o-Xylene	11.1		"	10.3		108	70-130				
p- & m- Xylenes	20.4		"	20.2		101	70-130				
p-Ethyltoluene	10.6		"	10.0		106	70-130				
Propylene	4.46		"	10.6		42.1	70-130		Low Bias		
Styrene	11.1		"	10.2		109	70-130				
Tetrachloroethylene	9.79		"	9.90		98.9	70-130				
Tetrahydrofuran	10.2		"	10.6		96.1	70-130				
Toluene	10.3		"	10.5		98.3	70-130				
trans-1,2-Dichloroethylene	10.1		"	10.1		100	70-130				
trans-1,3-Dichloropropylene	10.5		"	10.3		102	70-130				
Trichloroethylene	9.37		"	10.2		91.9	70-130				
Trichlorofluoromethane (Freon 11)	9.13		"	9.90		92.2	70-130				
Vinyl acetate	11.9		"	10.7		112	70-130				
Vinyl bromide	7.90		"	10.5		75.2	70-130				
Vinyl Chloride	12.1		"	9.90		123	70-130				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.4</i>		<i>101</i>	<i>72-118</i>				



## Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

# 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. 15L0644

<b>YOUR Information</b> Company: <u>ESI</u> Address: <u>24 Davis Avenue</u> <u>Poughkeepsie, 12603</u> Phone No. <u>845-452-1658</u> Contact Person: <u>Tyler Goodnough</u> E-Mail Address: _____		<b>Report To:</b> Company: _____ Address: _____ Phone No. _____ Attention: <u>Sam</u> E-Mail Address: _____		<b>Invoice To:</b> Company: _____ Address: _____ Phone No. _____ Attention: <u>Brenda</u> E-Mail Address: _____		<b>YOUR Project ID</b> <u>E815157.20</u> <b>Purchase Order No.</b> Samples from: CT ___ NY <input checked="" type="checkbox"/> NJ ___		<b>Turn-Around Time</b> 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"/> <b>Standard(5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type/Deliverables</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B/CLP Pkg <input type="checkbox"/> NJDEP Reduced <input type="checkbox"/> <i>Electronic Deliverables:</i> EDD (Specify Type) _____ Standard Excel _____ Regulatory Comparison Excel _____	
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**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.**

Samples Collected/Authorized By (Signature) Tyler Goodnough  
 Name (printed) Tyler Goodnough

<b>TO15 Volatiles and Other Gas Analyses</b> EPA TO-15 List NYSDEC VI list Tentatively Identified Compounds	<b>Detection Limits Required</b> ≤ 1 ug/m <sup>3</sup> NYSDEC VI Limits <input checked="" type="checkbox"/> (VI - report minimum) NJDEP low level _____ Routine Survey _____ Other _____
--	--

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-01	12/14/15	AS	31	2.5	TO-15	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag
SV-02	↓	↓	32	4.5	↓	6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag
SV-03	↓	↓	31	6.0	↓	6 Liter Summa canister <input checked="" type="checkbox"/> 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**

THAD 12/16/15 9:45am  
 Samples Relinquished By \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Samples Relinquished By \_\_\_\_\_ Date/Time \_\_\_\_\_

Chic 12-16-15 9:45  
 Samples Received By \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Samples Received in LAB by Joshua 12/16/15-1519  
 Date/Time \_\_\_\_\_



# Technical Report

prepared for:

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
**Attention: Tyler Goodnough**

Report Date: 01/08/2016  
**Client Project ID: EB15157.20**  
York Project (SDG) No.: 15L0646

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 01/08/2016  
Client Project ID: EB15157.20  
York Project (SDG) No.: 15L0646

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
Attention: Tyler Goodnough

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## 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 December 16, 2015 and listed below. The project was identified as your project: **EB15157.20**.

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>
15L0646-01	SB-01 0-2	Soil	12/14/2015	12/16/2015
15L0646-02	SB-02 0-2	Soil	12/14/2015	12/16/2015
15L0646-03	SB-03/04 0-2	Soil	12/14/2015	12/16/2015
15L0646-04	SB-05 3-5	Soil	12/14/2015	12/16/2015
15L0646-05	SB-06/07 7-9	Soil	12/14/2015	12/16/2015

## **General Notes for York Project (SDG) No.: 15L0646**

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:** 01/08/2016





### Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS



## Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	44	CCV-E, SCAL-E	ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS



### Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 19:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 19:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:05	SS

	Surrogate Recoveries	Result	Flag	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	154 %	S-08	77-125
2037-26-5	Surrogate: Toluene-d8	105 %		85-120
460-00-4	Surrogate: p-Bromofluorobenzene	116 %		76-130



### Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854	12/21/2015 08:54	12/21/2015 23:35	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854	12/21/2015 08:54	12/21/2015 23:35	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854	12/21/2015 08:54	12/21/2015 23:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH



### Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

York Project (SDG) No.

Client Project ID

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Collection Date/Time

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15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
83-32-9	<b>Acenaphthene</b>	<b>185</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
98-86-2	Acetophenone	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
62-53-3	Aniline	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
120-12-7	<b>Anthracene</b>	<b>426</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
1912-24-9	Atrazine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
92-87-5	Benzidine	ND		ug/kg dry	193	386	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	12/21/2015 08:54	12/21/2015 23:35	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>1310</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>897</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>579</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>267</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>1160</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
65-85-0	Benzoic acid	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH



### Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

York Project (SDG) No.

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Matrix

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15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
105-60-2	Caprolactam	ND		ug/kg dry	96.4	193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
86-74-8	Carbazole	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
218-01-9	<b>Chrysene</b>	<b>1520</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>143</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
206-44-0	<b>Fluoranthene</b>	<b>2220</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
86-73-7	<b>Fluorene</b>	<b>163</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>251</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
78-59-1	Isophorone	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
91-20-3	<b>Naphthalene</b>	<b>96.4</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH



### Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/21/2015 23:35	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
85-01-8	<b>Phenanthrene</b>	<b>2180</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
108-95-2	Phenol	ND		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
129-00-0	<b>Pyrene</b>	<b>2280</b>		ug/kg dry	48.3	96.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/21/2015 23:35	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
367-12-4	Surrogate: 2-Fluorophenol	22.1 %		20-108							
4165-62-2	Surrogate: Phenol-d5	26.6 %		23-114							
4165-60-0	Surrogate: Nitrobenzene-d5	22.6 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	20.8 %	S-08	21-113							
118-79-6	Surrogate: 2,4,6-Tribromophenol	19.4 %		19-110							
1718-51-0	Surrogate: Terphenyl-d14	20.6 %	S-08	24-116							

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
72-55-9	4,4'-DDE	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
50-29-3	<b>4,4'-DDT</b>	<b>3.86</b>	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
309-00-2	Aldrin	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
319-84-6	alpha-BHC	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
5103-71-9	alpha-Chlordane	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 13:05	AMC
319-85-7	beta-BHC	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
57-74-9	Chlordane, total	ND	HT-01	ug/kg dry	76.3	76.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC



### Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

York Project (SDG) No.

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Soil

December 14, 2015 3:00 pm

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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
60-57-1	Dieldrin	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
959-98-8	Endosulfan I	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
33213-65-9	Endosulfan II	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
1031-07-8	Endosulfan sulfate	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
72-20-8	Endrin	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
7421-93-4	Endrin aldehyde	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
53494-70-5	Endrin ketone	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 13:05	AMC
58-89-9	gamma-BHC (Lindane)	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
5566-34-7	gamma-Chlordane	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 13:05	AMC
76-44-8	Heptachlor	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
1024-57-3	Heptachlor epoxide	ND	HT-01	ug/kg dry	1.91	1.91	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
72-43-5	Methoxychlor	ND	HT-01	ug/kg dry	9.54	9.54	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:05	AMC
8001-35-2	Toxaphene	ND	HT-01	ug/kg dry	96.6	96.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 13:05	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	60.7 %	HT-01	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	61.0 %	HT-01	30-140							

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 12:47	AMC
11104-28-2	Aroclor 1221	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 12:47	AMC
11141-16-5	Aroclor 1232	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 12:47	AMC
53469-21-9	Aroclor 1242	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 12:47	AMC



## Sample Information

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 12:47	AMC
11097-69-1	Aroclor 1254	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 12:47	AMC
11096-82-5	Aroclor 1260	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 12:47	AMC
1336-36-3	* Total PCBs	ND	HT-PC B	mg/kg dry	0.0193	0.0193	1	EPA 8082A Certifications:	01/08/2016 06:19	01/08/2016 12:47	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	57.2 %	HT-PC B		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	37.7 %	HT-PC B		30-140						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8630		mg/kg dry	5.78	5.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-38-2	Arsenic	9.13		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-39-3	Barium	543		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-43-9	Cadmium	1.27		mg/kg dry	0.347	0.347	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-70-2	Calcium	19400		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-47-3	Chromium	19.5		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-48-4	Cobalt	7.55		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-50-8	Copper	52.8		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7439-89-6	Iron	18700		mg/kg dry	2.31	2.31	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7439-92-1	Lead	788		mg/kg dry	0.347	0.347	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7439-95-4	Magnesium	1870		mg/kg dry	5.78	5.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD



**Sample Information**

**Client Sample ID:** SB-01 0-2

**York Sample ID:** 15L0646-01

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	418		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-02-0	Nickel	16.9		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-09-7	Potassium	666		mg/kg dry	5.78	5.78	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7782-49-2	Selenium	2.03		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-22-4	Silver	ND		mg/kg dry	0.578	0.578	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-23-5	Sodium	196		mg/kg dry	11.6	11.6	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-62-2	Vanadium	28.0		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD
7440-66-6	Zinc	327		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 16:52	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.75		mg/kg dry	0.0347	0.0347	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2015 06:28	12/21/2015 14:43	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.5		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/18/2015 13:08	12/18/2015 19:37	CLS

**Sample Information**

**Client Sample ID:** SB-02 0-2

**York Sample ID:** 15L0646-02

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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### Sample Information

**Client Sample ID:** SB-02 0-2

**York Sample ID:** 15L0646-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS



## Sample Information

**Client Sample ID:** SB-02 0-2

**York Sample ID:** 15L0646-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	77	CCV-E, SCAL-E	ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
107-02-8	Acrolein	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS



### Sample Information

**Client Sample ID:** SB-02 0-2

**York Sample ID:** 15L0646-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 19:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 19:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 19:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.4	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 19:39	SS

	Surrogate Recoveries	Result	Flag	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	149 %	S-08	77-125
2037-26-5	Surrogate: Toluene-d8	100 %		85-120
460-00-4	Surrogate: p-Bromofluorobenzene	104 %		76-130



### Sample Information

**Client Sample ID:** SB-02 0-2

**York Sample ID:** 15L0646-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Semi-Volatiles, PAH Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 00:06	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
120-12-7	<b>Anthracene</b>	<b>100</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>350</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>254</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>237</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>90.2</b>	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>252</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
218-01-9	<b>Chrysene</b>	<b>460</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
206-44-0	<b>Fluoranthene</b>	<b>699</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
86-73-7	Fluorene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>94.7</b>	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 00:06	KH
85-01-8	<b>Phenanthrene</b>	<b>549</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
129-00-0	<b>Pyrene</b>	<b>567</b>		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:06	KH
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
4165-60-0	Surrogate: Nitrobenzene-d5	26.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	24.3 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	24.2 %			24-116						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<p>120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166</p>											



### Sample Information

**Client Sample ID:** SB-02 0-2

**York Sample ID:** 15L0646-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>8210</b>		mg/kg dry	5.68	5.68	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-38-2	<b>Arsenic</b>	<b>3.03</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-39-3	<b>Barium</b>	<b>152</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-70-2	<b>Calcium</b>	<b>8530</b>		mg/kg dry	0.568	5.68	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-47-3	<b>Chromium</b>	<b>18.5</b>		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-48-4	<b>Cobalt</b>	<b>7.68</b>		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-50-8	<b>Copper</b>	<b>158</b>		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7439-89-6	<b>Iron</b>	<b>17200</b>		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7439-92-1	<b>Lead</b>	<b>229</b>		mg/kg dry	0.341	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7439-95-4	<b>Magnesium</b>	<b>2500</b>		mg/kg dry	5.68	5.68	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7439-96-5	<b>Manganese</b>	<b>338</b>		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-02-0	<b>Nickel</b>	<b>16.6</b>		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-09-7	<b>Potassium</b>	<b>833</b>		mg/kg dry	5.68	5.68	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-22-4	Silver	ND		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-23-5	<b>Sodium</b>	<b>86.9</b>		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-62-2	<b>Vanadium</b>	<b>26.1</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD
7440-66-6	<b>Zinc</b>	<b>208</b>		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:00	ALD



### Sample Information

**Client Sample ID:** SB-02 0-2

**York Sample ID:** 15L0646-02

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.268		mg/kg dry	0.0341	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2015 06:28	12/21/2015 14:55	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/18/2015 13:08	12/18/2015 19:37	CLS

### Sample Information

**Client Sample ID:** SB-03/04 0-2

**York Sample ID:** 15L0646-03

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS



### Sample Information

**Client Sample ID:** SB-03/04 0-2

**York Sample ID:** 15L0646-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS



## Sample Information

**Client Sample ID:** SB-03/04 0-2

**York Sample ID:** 15L0646-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 20:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 20:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS



## Sample Information

**Client Sample ID:** SB-03/04 0-2

**York Sample ID:** 15L0646-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 20:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 20:14	SS
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	146 %	S-08								
2037-26-5	Surrogate: Toluene-d8	101 %									
460-00-4	Surrogate: p-Bromofluorobenzene	112 %									

**Semi-Volatiles, PAH Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	<b>2-Methylnaphthalene</b>	<b>218</b>		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 00:38	KH
83-32-9	<b>Acenaphthene</b>	<b>656</b>		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
120-12-7	<b>Anthracene</b>	<b>1270</b>		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>2180</b>		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>1350</b>		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>1520</b>		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>313</b>		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH



### Sample Information

**Client Sample ID:** SB-03/04 0-2

**York Sample ID:** 15L0646-03

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Semi-Volatiles, PAH Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	936		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
218-01-9	Chrysene	2360		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
53-70-3	Dibenzo(a,h)anthracene	209		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
206-44-0	Fluoranthene	8210		ug/kg dry	472	943	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/23/2015 04:10	KH
86-73-7	Fluorene	664		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	365		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 00:38	KH
91-20-3	Naphthalene	487		ug/kg dry	47.2	94.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 00:38	KH
85-01-8	Phenanthrene	9360		ug/kg dry	472	943	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/23/2015 04:10	KH
129-00-0	Pyrene	8540		ug/kg dry	472	943	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/23/2015 04:10	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: Nitrobenzene-d5	23.5 %		22-108							
321-60-8	Surrogate: 2-Fluorobiphenyl	19.6 %	S-04	21-113							
1718-51-0	Surrogate: Terphenyl-d14	21.6 %	S-04	24-116							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9960		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-38-2	Arsenic	2.41		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-39-3	Barium	92.8		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.339	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-70-2	Calcium	3980		mg/kg dry	0.565	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-47-3	Chromium	17.3		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD



### Sample Information

**Client Sample ID:** SB-03/04 0-2

**York Sample ID:** 15L0646-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	<b>Cobalt</b>	<b>7.57</b>		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-50-8	<b>Copper</b>	<b>45.8</b>		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7439-89-6	<b>Iron</b>	<b>17600</b>		mg/kg dry	2.26	2.26	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7439-92-1	<b>Lead</b>	<b>99.6</b>		mg/kg dry	0.339	0.339	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7439-95-4	<b>Magnesium</b>	<b>2230</b>		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7439-96-5	<b>Manganese</b>	<b>399</b>		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-02-0	<b>Nickel</b>	<b>13.9</b>		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-09-7	<b>Potassium</b>	<b>596</b>		mg/kg dry	5.65	5.65	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-22-4	Silver	ND		mg/kg dry	0.565	0.565	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-23-5	<b>Sodium</b>	<b>167</b>		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-62-2	<b>Vanadium</b>	<b>24.6</b>		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD
7440-66-6	<b>Zinc</b>	<b>85.7</b>		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:05	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	<b>Mercury</b>	<b>0.113</b>		mg/kg dry	0.0339	0.0339	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2015 06:28	12/21/2015 15:04	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	<b>* % Solids</b>	<b>88.5</b>		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/18/2015 13:08	12/18/2015 19:37	CLS



### Sample Information

**Client Sample ID:** SB-05 3-5

**York Sample ID:** 15L0646-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
78-93-3	<b>2-Butanone</b>	<b>9.3</b>		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK



## Sample Information

**Client Sample ID:** SB-05 3-5

**York Sample ID:** 15L0646-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	45		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK



## Sample Information

**Client Sample ID:** SB-05 3-5

**York Sample ID:** 15L0646-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-09-2	Methylene chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/23/2015 09:01	12/23/2015 14:03	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/23/2015 09:01	12/23/2015 14:03	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/23/2015 09:01	12/23/2015 14:03	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/23/2015 09:01	12/23/2015 14:03	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			77-125						
2037-26-5	Surrogate: Toluene-d8	109 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			76-130						

**Semi-Volatiles, PAH Target List**

**Log-in Notes:**

**Sample Notes:**



**Sample Information**

**Client Sample ID:** SB-05 3-5

**York Sample ID:** 15L0646-04

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:10	KH
83-32-9	<b>Acenaphthene</b>	<b>167</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
120-12-7	<b>Anthracene</b>	<b>261</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>480</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>332</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>340</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>107</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>349</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
218-01-9	<b>Chrysene</b>	<b>588</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>52.5</b>	J	ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
206-44-0	<b>Fluoranthene</b>	<b>1160</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
86-73-7	<b>Fluorene</b>	<b>131</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>102</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
91-20-3	<b>Naphthalene</b>	<b>112</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:10	KH
85-01-8	<b>Phenanthrene</b>	<b>1290</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
129-00-0	<b>Pyrene</b>	<b>917</b>		ug/kg dry	46.4	92.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:10	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
4165-60-0	Surrogate: Nitrobenzene-d5	29.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	25.2 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	27.4 %			24-116						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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### Sample Information

**Client Sample ID:** SB-05 3-5

**York Sample ID:** 15L0646-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8520		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-36-0	Antimony	0.746		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-38-2	Arsenic	5.97		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-39-3	Barium	635		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-43-9	Cadmium	1.16		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-70-2	Calcium	26500		mg/kg dry	0.555	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-47-3	Chromium	20.1		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-48-4	Cobalt	7.40		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-50-8	Copper	71.3		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7439-89-6	Iron	19300		mg/kg dry	2.22	2.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7439-92-1	Lead	909		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7439-95-4	Magnesium	3050		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7439-96-5	Manganese	350		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-02-0	Nickel	20.8		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-09-7	Potassium	848		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7782-49-2	Selenium	1.87		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-22-4	Silver	ND		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-23-5	Sodium	196		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD
7440-62-2	Vanadium	33.6		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD



**Sample Information**

**Client Sample ID:** SB-05 3-5

**York Sample ID:** 15L0646-04

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	1110		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:09	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.383		mg/kg dry	0.0333	0.0333	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2015 06:28	12/21/2015 15:13	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	12/18/2015 13:08	12/18/2015 19:37	CLS

**Sample Information**

**Client Sample ID:** SB-06/07 7-9

**York Sample ID:** 15L0646-05

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes: Rep-04**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS



## Sample Information

**Client Sample ID:** SB-06/07 7-9

**York Sample ID:** 15L0646-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes: Rep-04**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	7000	14000	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
78-93-3	2-Butanone	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
591-78-6	2-Hexanone	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
67-64-1	Acetone	ND		ug/kg dry	700	1400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
107-02-8	Acrolein	ND		ug/kg dry	700	1400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
71-43-2	Benzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-25-2	Bromoform	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS



### Sample Information

**Client Sample ID:** SB-06/07 7-9

**York Sample ID:** 15L0646-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes: Rep-04**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-00-3	Chloroethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
67-66-3	Chloroform	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
74-87-3	Chloromethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
110-82-7	Cyclohexane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
74-95-3	Dibromomethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
79-20-9	<b>Methyl acetate</b>	<b>630</b>	J	ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-09-2	Methylene chloride	ND		ug/kg dry	700	1400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
95-47-6	o-Xylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 21:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	700	1400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854	12/22/2015 08:41	12/22/2015 21:23	SS



## Sample Information

**Client Sample ID:** SB-06/07 7-9

**York Sample ID:** 15L0646-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes: Rep-04**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
100-42-5	Styrene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
108-88-3	Toluene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/22/2015 08:41	12/22/2015 21:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	350	700	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	1100	2100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/22/2015 08:41	12/22/2015 21:23	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	130 %	S-08		77-125						
2037-26-5	Surrogate: Toluene-d8	97.5 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	99.1 %			76-130						

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854	12/21/2015 08:54	12/22/2015 01:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH



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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854	12/21/2015 08:54	12/22/2015 01:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854	12/21/2015 08:54	12/22/2015 01:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>4640</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH



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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
83-32-9	<b>Acenaphthene</b>	<b>8260</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
208-96-8	<b>Acenaphthylene</b>	<b>280</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
98-86-2	Acetophenone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
62-53-3	Aniline	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
120-12-7	<b>Anthracene</b>	<b>7400</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
1912-24-9	Atrazine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
92-87-5	Benzidine	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	12/21/2015 08:54	12/22/2015 01:42	KH
56-55-3	<b>Benzo(a)anthracene</b>	<b>22900</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
50-32-8	<b>Benzo(a)pyrene</b>	<b>3010</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>3940</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>1550</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>4820</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
65-85-0	Benzoic acid	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
105-60-2	Caprolactam	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH



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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
218-01-9	<b>Chrysene</b>	<b>14800</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>533</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
206-44-0	<b>Fluoranthene</b>	<b>23300</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
86-73-7	<b>Fluorene</b>	<b>8830</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>1570</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
78-59-1	Isophorone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
91-20-3	<b>Naphthalene</b>	<b>6240</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	12/21/2015 08:54	12/22/2015 01:42	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
85-01-8	<b>Phenanthrene</b>	<b>33800</b>		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH



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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
129-00-0	Pyrene	35800		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2015 08:54	12/22/2015 01:42	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	43.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	49.7 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	44.0 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	33.6 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	35.8 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	57.8 %			24-116						

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	2.74	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
72-55-9	4,4'-DDE	2.45	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
50-29-3	4,4'-DDT	13.6	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
309-00-2	Aldrin	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
319-84-6	alpha-BHC	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
5103-71-9	alpha-Chlordane	4.84	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 14:22	AMC
319-85-7	beta-BHC	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
57-74-9	Chlordane, total	ND	HT-01	ug/kg dry	77.3	77.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
319-86-8	delta-BHC	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
60-57-1	Dieldrin	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
959-98-8	Endosulfan I	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
33213-65-9	Endosulfan II	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
1031-07-8	Endosulfan sulfate	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
72-20-8	Endrin	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC



### Sample Information

**Client Sample ID:** SB-06/07 7-9

**York Sample ID:** 15L0646-05

<u>York Project (SDG) No.</u> 15L0646	<u>Client Project ID</u> EB15157.20	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 14, 2015 3:00 pm	<u>Date Received</u> 12/16/2015
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
53494-70-5	Endrin ketone	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 14:22	AMC
58-89-9	gamma-BHC (Lindane)	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
5566-34-7	<b>gamma-Chlordane</b>	<b>3.91</b>	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 14:22	AMC
76-44-8	Heptachlor	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
1024-57-3	Heptachlor epoxide	ND	HT-01	ug/kg dry	1.93	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
72-43-5	Methoxychlor	ND	HT-01	ug/kg dry	9.67	9.67	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 14:22	AMC
8001-35-2	Toxaphene	ND	HT-01	ug/kg dry	97.8	97.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/08/2016 06:19	01/08/2016 14:22	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %	HT-01	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	61.4 %	HT-01	30-140							

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:16	AMC
11104-28-2	Aroclor 1221	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:16	AMC
11141-16-5	Aroclor 1232	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:16	AMC
53469-21-9	Aroclor 1242	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:16	AMC
12672-29-6	Aroclor 1248	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:16	AMC
11097-69-1	Aroclor 1254	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:16	AMC
11096-82-5	Aroclor 1260	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/08/2016 06:19	01/08/2016 13:16	AMC
1336-36-3	* Total PCBs	ND	HT-PC B	mg/kg dry	0.0195	0.0195	1	EPA 8082A Certifications:	01/08/2016 06:19	01/08/2016 13:16	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	64.2 %	HT-PC B	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	53.6 %	HT-PC B	30-140							



### Sample Information

**Client Sample ID:** SB-06/07 7-9

**York Sample ID:** 15L0646-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7060		mg/kg dry	5.86	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-36-0	Antimony	0.900		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-38-2	Arsenic	9.05		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-39-3	Barium	317		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-43-9	Cadmium	0.566		mg/kg dry	0.352	0.352	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-70-2	Calcium	35600		mg/kg dry	0.586	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-47-3	Chromium	29.2		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-48-4	Cobalt	8.08		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-50-8	Copper	62.7		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7439-89-6	Iron	34100		mg/kg dry	2.34	2.34	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7439-92-1	Lead	1010		mg/kg dry	0.352	0.352	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7439-95-4	Magnesium	3110		mg/kg dry	5.86	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7439-96-5	Manganese	280		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-02-0	Nickel	18.7		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-09-7	Potassium	914		mg/kg dry	5.86	5.86	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7782-49-2	Selenium	2.96		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-22-4	Silver	ND		mg/kg dry	0.586	0.586	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-23-5	Sodium	288		mg/kg dry	11.7	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD
7440-62-2	Vanadium	24.9		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	12/18/2015 10:08	12/20/2015 17:17	ALD



**Sample Information**

**Client Sample ID:** SB-06/07 7-9

**York Sample ID:** 15L0646-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

15L0646

EB15157.20

Soil

December 14, 2015 3:00 pm

12/16/2015

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	269		mg/kg dry	1.17	1.17	1	EPA 6010C	12/18/2015 10:08	12/20/2015 17:17	ALD
Certifications:									CTDOH,NELAC-NY10854,NJDEP		

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.04		mg/kg dry	0.0352	0.0352	1	EPA 7473	12/21/2015 06:28	12/21/2015 15:22	ALD
Certifications:									CTDOH,NJDEP,NELAC-NY10854,PADEP		

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.3		%	0.100	0.100	1	SM 2540G	12/18/2015 13:08	12/18/2015 19:37	CLS
Certifications:									CTDOH		



## Analytical Batch Summary

**Batch ID:** BA60232      **Preparation Method:** EPA 3550C      **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
15L0646-01	SB-01 0-2	01/08/16
15L0646-01	SB-01 0-2	01/08/16
15L0646-05	SB-06/07 7-9	01/08/16
15L0646-05	SB-06/07 7-9	01/08/16
BA60232-BLK1	Blank	01/08/16
BA60232-BLK1	Blank	01/08/16
BA60232-BS1	LCS	01/08/16
BA60232-BS2	LCS	01/08/16
BA60232-BSD1	LCS Dup	01/08/16
BA60232-BSD2	LCS Dup	01/08/16
BA60232-MS2	Matrix Spike	01/08/16

**Batch ID:** BL51060      **Preparation Method:** EPA 3050B      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15L0646-01	SB-01 0-2	12/18/15
15L0646-02	SB-02 0-2	12/18/15
15L0646-03	SB-03/04 0-2	12/18/15
15L0646-04	SB-05 3-5	12/18/15
15L0646-05	SB-06/07 7-9	12/18/15
BL51060-BLK1	Blank	12/18/15
BL51060-SRM1	Reference	12/18/15

**Batch ID:** BL51074      **Preparation Method:** % Solids Prep      **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
15L0646-01	SB-01 0-2	12/18/15
15L0646-02	SB-02 0-2	12/18/15
15L0646-03	SB-03/04 0-2	12/18/15
15L0646-04	SB-05 3-5	12/18/15
15L0646-05	SB-06/07 7-9	12/18/15

**Batch ID:** BL51122      **Preparation Method:** EPA 7473 soil      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15L0646-01	SB-01 0-2	12/21/15
15L0646-02	SB-02 0-2	12/21/15
15L0646-03	SB-03/04 0-2	12/21/15
15L0646-04	SB-05 3-5	12/21/15
15L0646-05	SB-06/07 7-9	12/21/15
BL51122-BLK1	Blank	12/21/15
BL51122-SRM1	Reference	12/21/15



**Batch ID:** BL51134

**Preparation Method:** EPA 3550C

**Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
15L0646-01	SB-01 0-2	12/21/15
15L0646-02	SB-02 0-2	12/21/15
15L0646-03	SB-03/04 0-2	12/21/15
15L0646-04	SB-05 3-5	12/21/15
15L0646-05	SB-06/07 7-9	12/21/15
BL51134-BLK1	Blank	12/21/15
BL51134-BS1	LCS	12/21/15

**Batch ID:** BL51190

**Preparation Method:** EPA 5035A

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15L0646-01	SB-01 0-2	12/22/15
15L0646-02	SB-02 0-2	12/22/15
15L0646-03	SB-03/04 0-2	12/22/15
15L0646-05	SB-06/07 7-9	12/22/15
BL51190-BLK1	Blank	12/22/15
BL51190-BS1	LCS	12/22/15
BL51190-BSD1	LCS Dup	12/22/15

**Batch ID:** BL51271

**Preparation Method:** EPA 5035A

**Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
15L0646-04	SB-05 3-5	12/23/15
BL51271-BLK1	Blank	12/23/15
BL51271-BS1	LCS	12/23/15
BL51271-BSD1	LCS Dup	12/23/15



**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BL51190 - EPA 5035A**

**Blank (BL51190-BLK1)**

Prepared & Analyzed: 12/22/2015

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	3.0	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Flag	RPD	
		Limit						Units	Level

**Batch BL51190 - EPA 5035A**

**Blank (BL51190-BLK1)**

Prepared & Analyzed: 12/22/2015

n-Propylbenzene	ND	5.0	ug/kg wet						
o-Xylene	ND	5.0	"						
p- & m- Xylenes	ND	10	"						
p-Isopropyltoluene	ND	5.0	"						
sec-Butylbenzene	ND	5.0	"						
Styrene	ND	5.0	"						
tert-Butyl alcohol (TBA)	ND	5.0	"						
tert-Butylbenzene	ND	5.0	"						
Tetrachloroethylene	ND	5.0	"						
Toluene	ND	5.0	"						
trans-1,2-Dichloroethylene	ND	5.0	"						
trans-1,3-Dichloropropylene	ND	5.0	"						
Trichloroethylene	ND	5.0	"						
Trichlorofluoromethane	ND	5.0	"						
Vinyl Chloride	ND	5.0	"						
Xylenes, Total	ND	15	"						

<i>Surrogate: 1,2-Dichloroethane-d4</i>	61.7		ug/L	50.0	123	77-125			
<i>Surrogate: Toluene-d8</i>	50.7		"	50.0	101	85-120			
<i>Surrogate: p-Bromofluorobenzene</i>	51.2		"	50.0	102	76-130			

**LCS (BL51190-BS1)**

Prepared & Analyzed: 12/22/2015

1,1,1,2-Tetrachloroethane	54		ug/L	50.0	107	75-129			
1,1,1-Trichloroethane	55		"	50.0	111	71-137			
1,1,2,2-Tetrachloroethane	41		"	50.0	82.6	79-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0	100	58-146			
1,1,2-Trichloroethane	45		"	50.0	89.8	83-123			
1,1-Dichloroethane	45		"	50.0	89.3	75-130			
1,1-Dichloroethylene	59		"	50.0	117	64-137			
1,2,3-Trichlorobenzene	62		"	50.0	124	81-140			
1,2,3-Trichloropropane	49		"	50.0	98.5	81-126			
1,2,4-Trichlorobenzene	63		"	50.0	126	80-141			
1,2,4-Trimethylbenzene	56		"	50.0	111	84-125			
1,2-Dibromo-3-chloropropane	51		"	50.0	102	74-142			
1,2-Dibromoethane	51		"	50.0	103	86-123			
1,2-Dichlorobenzene	57		"	50.0	115	85-122			
1,2-Dichloroethane	60		"	50.0	121	71-133			
1,2-Dichloropropane	42		"	50.0	84.3	81-122			
1,3,5-Trimethylbenzene	57		"	50.0	113	82-126			
1,3-Dichlorobenzene	58		"	50.0	117	84-124			
1,4-Dichlorobenzene	59		"	50.0	117	84-124			
1,4-Dioxane	950		"	1000	95.3	10-228			
2-Butanone	49		"	50.0	97.6	58-147			
2-Hexanone	42		"	50.0	83.9	70-139			
4-Methyl-2-pentanone	39		"	50.0	77.3	72-132			
Acetone	74		"	50.0	147	36-155			
Acrolein	41		"	50.0	81.1	10-238			
Acrylonitrile	37		"	50.0	75.0	66-141			
Benzene	44		"	50.0	88.7	77-127			
Bromochloromethane	40		"	50.0	80.7	74-129			
Bromodichloromethane	53		"	50.0	106	81-124			
Bromoform	52		"	50.0	105	80-136			
Bromomethane	48		"	50.0	95.6	32-177			



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Flag
		Limit								Units	

**Batch BL51190 - EPA 5035A**

**LCS (BL51190-BS1)**

Prepared & Analyzed: 12/22/2015

Carbon disulfide	43		ug/L	50.0		85.8	10-136				
Carbon tetrachloride	53		"	50.0		105	66-143				
Chlorobenzene	55		"	50.0		110	86-120				
Chloroethane	42		"	50.0		83.8	51-142				
Chloroform	52		"	50.0		104	76-131				
Chloromethane	39		"	50.0		78.7	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	48		"	50.0		95.0	81-129				
Cyclohexane	40		"	50.0		79.5	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	49		"	50.0		98.8	83-124				
Dichlorodifluoromethane	50		"	50.0		99.6	28-158				
Ethyl Benzene	51		"	50.0		102	84-125				
Hexachlorobutadiene	63		"	50.0		126	83-133				
Isopropylbenzene	53		"	50.0		105	81-127				
Methyl acetate	33		"	50.0		66.1	41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.0	74-131				
Methylcyclohexane	44		"	50.0		88.5	70-130				
Methylene chloride	44		"	50.0		87.5	57-141				
n-Butylbenzene	56		"	50.0		111	80-130				
n-Propylbenzene	51		"	50.0		102	74-136				
o-Xylene	52		"	50.0		104	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
p-Isopropyltoluene	57		"	50.0		115	85-125				
sec-Butylbenzene	53		"	50.0		105	83-125				
Styrene	55		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	38		"	50.0		75.7	70-130				
tert-Butylbenzene	54		"	50.0		109	80-127				
Tetrachloroethylene	55		"	50.0		111	80-129				
Toluene	49		"	50.0		98.6	85-121				
trans-1,2-Dichloroethylene	47		"	50.0		93.4	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		103	78-132				
Trichloroethylene	51		"	50.0		102	84-123				
Trichlorofluoromethane	63		"	50.0		125	62-140				
Vinyl Chloride	40		"	50.0		79.6	52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>62.7</i>		<i>"</i>	<i>50.0</i>		<i>125</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>49.6</i>		<i>"</i>	<i>50.0</i>		<i>99.1</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>53.1</i>		<i>"</i>	<i>50.0</i>		<i>106</i>	<i>76-130</i>				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
<b>Batch BL51190 - EPA 5035A</b>										
<b>LCS Dup (BL51190-BSD1)</b>										
Prepared & Analyzed: 12/22/2015										
1,1,1,2-Tetrachloroethane	54		ug/L	50.0	107	75-129			0.224	30
1,1,1-Trichloroethane	56		"	50.0	113	71-137			1.58	30
1,1,2,2-Tetrachloroethane	41		"	50.0	81.5	79-129			1.39	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0	102	58-146			1.39	30
1,1,2-Trichloroethane	44		"	50.0	87.1	83-123			3.05	30
1,1-Dichloroethane	47		"	50.0	93.8	75-130			4.98	30
1,1-Dichloroethylene	60		"	50.0	120	64-137			2.18	30
1,2,3-Trichlorobenzene	60		"	50.0	120	81-140			3.41	30
1,2,3-Trichloropropane	46		"	50.0	91.2	81-126			7.76	30
1,2,4-Trichlorobenzene	61		"	50.0	122	80-141			3.04	30
1,2,4-Trimethylbenzene	52		"	50.0	105	84-125			6.00	30
1,2-Dibromo-3-chloropropane	48		"	50.0	95.1	74-142			7.00	30
1,2-Dibromoethane	50		"	50.0	99.5	86-123			3.13	30
1,2-Dichlorobenzene	55		"	50.0	110	85-122			3.99	30
1,2-Dichloroethane	61		"	50.0	122	71-133			1.17	30
1,2-Dichloropropane	42		"	50.0	84.3	81-122			0.0237	30
1,3,5-Trimethylbenzene	52		"	50.0	103	82-126			9.10	30
1,3-Dichlorobenzene	55		"	50.0	110	84-124			6.13	30
1,4-Dichlorobenzene	55		"	50.0	109	84-124			7.23	30
1,4-Dioxane	910		"	1000	91.3	10-228			4.32	30
2-Butanone	45		"	50.0	89.9	58-147			8.19	30
2-Hexanone	39		"	50.0	78.4	70-139			6.78	30
4-Methyl-2-pentanone	37		"	50.0	73.6	72-132			4.96	30
Acetone	59		"	50.0	118	36-155			22.2	30
Acrolein	44		"	50.0	87.8	10-238			7.93	30
Acrylonitrile	33		"	50.0	65.9	66-141	Low Bias		12.8	30
Benzene	48		"	50.0	96.2	77-127			8.16	30
Bromochloromethane	56		"	50.0	112	74-129			32.3	30 Non-dir.
Bromodichloromethane	51		"	50.0	103	81-124			3.27	30
Bromoform	50		"	50.0	99.3	80-136			5.24	30
Bromomethane	51		"	50.0	102	32-177			6.79	30
Carbon disulfide	43		"	50.0	85.4	10-136			0.467	30
Carbon tetrachloride	55		"	50.0	110	66-143			4.03	30
Chlorobenzene	54		"	50.0	108	86-120			1.01	30
Chloroethane	45		"	50.0	89.8	51-142			6.87	30
Chloroform	54		"	50.0	108	76-131			3.96	30
Chloromethane	41		"	50.0	81.6	49-132			3.64	30
cis-1,2-Dichloroethylene	50		"	50.0	100	74-132			1.95	30
cis-1,3-Dichloropropylene	47		"	50.0	93.3	81-129			1.87	30
Cyclohexane	40		"	50.0	80.4	70-130			1.23	30
Dibromochloromethane	50		"	50.0	99.6	10-200			2.58	30
Dibromomethane	49		"	50.0	97.5	83-124			1.34	30
Dichlorodifluoromethane	48		"	50.0	96.7	28-158			2.97	30
Ethyl Benzene	51		"	50.0	101	84-125			1.18	30
Hexachlorobutadiene	63		"	50.0	126	83-133			0.270	30
Isopropylbenzene	49		"	50.0	98.9	81-127			6.46	30
Methyl acetate	36		"	50.0	71.9	41-143			8.44	30
Methyl tert-butyl ether (MTBE)	49		"	50.0	98.0	74-131			1.04	30
Methylcyclohexane	46		"	50.0	91.2	70-130			2.96	30
Methylene chloride	44		"	50.0	88.4	57-141			1.00	30
n-Butylbenzene	52		"	50.0	105	80-130			6.26	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit			Result					RPD	Limit

Batch BL51190 - EPA 5035A

LCS Dup (BL51190-BSD1)

Prepared & Analyzed: 12/22/2015

n-Propylbenzene	49		ug/L	50.0		97.7	74-136			3.97	30
o-Xylene	52		"	50.0		104	83-123			0.711	30
p- & m- Xylenes	110		"	100		106	82-128			1.25	30
p-Isopropyltoluene	54		"	50.0		108	85-125			6.24	30
sec-Butylbenzene	52		"	50.0		105	83-125			0.476	30
Styrene	51		"	50.0		103	86-126			6.22	30
tert-Butyl alcohol (TBA)	41		"	50.0		81.6	70-130			7.47	30
tert-Butylbenzene	51		"	50.0		102	80-127			6.60	30
Tetrachloroethylene	53		"	50.0		107	80-129			3.63	30
Toluene	49		"	50.0		97.4	85-121			1.20	30
trans-1,2-Dichloroethylene	48		"	50.0		95.7	72-132			2.41	30
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132			1.63	30
Trichloroethylene	51		"	50.0		102	84-123			0.0586	30
Trichlorofluoromethane	64		"	50.0		128	62-140			2.34	30
Vinyl Chloride	41		"	50.0		82.8	52-130			3.89	30
Surrogate: 1,2-Dichloroethane-d4	62.6		"	50.0		125	77-125				
Surrogate: Toluene-d8	51.2		"	50.0		102	85-120				
Surrogate: p-Bromofluorobenzene	50.0		"	50.0		100	76-130				

Batch BL51271 - EPA 5035A

Blank (BL51271-BLK1)

Prepared & Analyzed: 12/23/2015

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	2.9	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit			Result					Limit	

**Batch BL51271 - EPA 5035A**

**Blank (BL51271-BLK1)**

Prepared & Analyzed: 12/23/2015

Bromomethane	ND	5.0	ug/kg wet								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	10	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.6		ug/L	50.0		107	77-125				
<i>Surrogate: Toluene-d8</i>	51.0		"	50.0		102	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	47.8		"	50.0		95.5	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit							Units			
<b>Batch BL51271 - EPA 5035A</b>												
<b>LCS (BL51271-BS1)</b>											Prepared & Analyzed: 12/23/2015	
1,1,1,2-Tetrachloroethane	59		ug/L	50.0	117	75-129						
1,1,1-Trichloroethane	57		"	50.0	115	71-137						
1,1,2,2-Tetrachloroethane	56		"	50.0	112	79-129						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0	112	58-146						
1,1,2-Trichloroethane	59		"	50.0	117	83-123						
1,1-Dichloroethane	57		"	50.0	113	75-130						
1,1-Dichloroethylene	55		"	50.0	111	64-137						
1,2,3-Trichlorobenzene	61		"	50.0	122	81-140						
1,2,3-Trichloropropane	56		"	50.0	111	81-126						
1,2,4-Trichlorobenzene	62		"	50.0	125	80-141						
1,2,4-Trimethylbenzene	54		"	50.0	108	84-125						
1,2-Dibromo-3-chloropropane	54		"	50.0	109	74-142						
1,2-Dibromoethane	58		"	50.0	115	86-123						
1,2-Dichlorobenzene	56		"	50.0	111	85-122						
1,2-Dichloroethane	54		"	50.0	109	71-133						
1,2-Dichloropropane	56		"	50.0	111	81-122						
1,3,5-Trimethylbenzene	57		"	50.0	113	82-126						
1,3-Dichlorobenzene	58		"	50.0	115	84-124						
1,4-Dichlorobenzene	56		"	50.0	113	84-124						
1,4-Dioxane	1200		"	1000	122	10-228						
2-Butanone	58		"	50.0	116	58-147						
2-Hexanone	60		"	50.0	120	70-139						
4-Methyl-2-pentanone	53		"	50.0	107	72-132						
Acetone	62		"	50.0	124	36-155						
Acrolein	59		"	50.0	119	10-238						
Acrylonitrile	56		"	50.0	112	66-141						
Benzene	54		"	50.0	109	77-127						
Bromochloromethane	55		"	50.0	109	74-129						
Bromodichloromethane	58		"	50.0	117	81-124						
Bromoform	60		"	50.0	119	80-136						
Bromomethane	56		"	50.0	113	32-177						
Carbon disulfide	53		"	50.0	107	10-136						
Carbon tetrachloride	56		"	50.0	112	66-143						
Chlorobenzene	56		"	50.0	112	86-120						
Chloroethane	55		"	50.0	110	51-142						
Chloroform	55		"	50.0	110	76-131						
Chloromethane	54		"	50.0	107	49-132						
cis-1,2-Dichloroethylene	54		"	50.0	108	74-132						
cis-1,3-Dichloropropylene	57		"	50.0	113	81-129						
Cyclohexane	56		"	50.0	111	70-130						
Dibromochloromethane	57		"	50.0	115	10-200						
Dibromomethane	55		"	50.0	111	83-124						
Dichlorodifluoromethane	60		"	50.0	120	28-158						
Ethyl Benzene	57		"	50.0	114	84-125						
Hexachlorobutadiene	57		"	50.0	113	83-133						
Isopropylbenzene	57		"	50.0	114	81-127						
Methyl acetate	50		"	50.0	101	41-143						
Methyl tert-butyl ether (MTBE)	53		"	50.0	106	74-131						
Methylcyclohexane	56		"	50.0	112	70-130						
Methylene chloride	50		"	50.0	99.7	57-141						
n-Butylbenzene	55		"	50.0	111	80-130						



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit

**Batch BL51271 - EPA 5035A**

**LCS (BL51271-BS1)**

Prepared & Analyzed: 12/23/2015

n-Propylbenzene	56		ug/L	50.0		112	74-136			
o-Xylene	57		"	50.0		115	83-123			
p- & m- Xylenes	110		"	100		111	82-128			
p-Isopropyltoluene	58		"	50.0		115	85-125			
sec-Butylbenzene	57		"	50.0		114	83-125			
Styrene	59		"	50.0		117	86-126			
tert-Butyl alcohol (TBA)	51		"	50.0		103	70-130			
tert-Butylbenzene	55		"	50.0		110	80-127			
Tetrachloroethylene	56		"	50.0		111	80-129			
Toluene	56		"	50.0		113	85-121			
trans-1,2-Dichloroethylene	54		"	50.0		107	72-132			
trans-1,3-Dichloropropylene	57		"	50.0		113	78-132			
Trichloroethylene	58		"	50.0		115	84-123			
Trichlorofluoromethane	58		"	50.0		116	62-140			
Vinyl Chloride	57		"	50.0		114	52-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.1</i>		<i>"</i>	<i>50.0</i>		<i>96.1</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.9</i>		<i>"</i>	<i>50.0</i>		<i>99.9</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.3</i>		<i>"</i>	<i>50.0</i>		<i>98.6</i>	<i>76-130</i>			

**LCS Dup (BL51271-BS1)**

Prepared & Analyzed: 12/23/2015

1,1,1,2-Tetrachloroethane	53		ug/L	50.0		107	75-129		9.46	30
1,1,1-Trichloroethane	57		"	50.0		113	71-137		1.07	30
1,1,2,2-Tetrachloroethane	57		"	50.0		115	79-129		1.96	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	58-146		2.05	30
1,1,2-Trichloroethane	55		"	50.0		110	83-123		6.73	30
1,1-Dichloroethane	57		"	50.0		114	75-130		0.861	30
1,1-Dichloroethylene	58		"	50.0		117	64-137		5.11	30
1,2,3-Trichlorobenzene	63		"	50.0		125	81-140		2.68	30
1,2,3-Trichloropropane	56		"	50.0		113	81-126		1.22	30
1,2,4-Trichlorobenzene	62		"	50.0		123	80-141		1.42	30
1,2,4-Trimethylbenzene	55		"	50.0		110	84-125		1.53	30
1,2-Dibromo-3-chloropropane	60		"	50.0		120	74-142		9.89	30
1,2-Dibromoethane	55		"	50.0		111	86-123		3.71	30
1,2-Dichlorobenzene	57		"	50.0		113	85-122		2.17	30
1,2-Dichloroethane	56		"	50.0		113	71-133		3.87	30
1,2-Dichloropropane	55		"	50.0		110	81-122		1.39	30
1,3,5-Trimethylbenzene	57		"	50.0		114	82-126		0.529	30
1,3-Dichlorobenzene	55		"	50.0		111	84-124		3.68	30
1,4-Dichlorobenzene	56		"	50.0		111	84-124		1.14	30
1,4-Dioxane	1100		"	1000		107	10-228		12.7	30
2-Butanone	55		"	50.0		110	58-147		5.73	30
2-Hexanone	56		"	50.0		113	70-139		6.68	30
4-Methyl-2-pentanone	51		"	50.0		102	72-132		4.27	30
Acetone	57		"	50.0		114	36-155		8.14	30
Acrolein	59		"	50.0		119	10-238		0.236	30
Acrylonitrile	56		"	50.0		113	66-141		0.373	30
Benzene	56		"	50.0		111	77-127		2.46	30
Bromochloromethane	57		"	50.0		114	74-129		3.75	30
Bromodichloromethane	54		"	50.0		109	81-124		6.95	30
Bromoform	60		"	50.0		121	80-136		1.10	30
Bromomethane	57		"	50.0		113	32-177		0.354	30
Carbon disulfide	55		"	50.0		110	10-136		3.43	30



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level

**Batch BL51271 - EPA 5035A**

**LCS Dup (BL51271-BSD1)**

Prepared & Analyzed: 12/23/2015

Carbon tetrachloride	57		ug/L	50.0	114	66-143		1.62	30
Chlorobenzene	55		"	50.0	109	86-120		2.80	30
Chloroethane	52		"	50.0	105	51-142		5.34	30
Chloroform	55		"	50.0	111	76-131		0.471	30
Chloromethane	52		"	50.0	104	49-132		3.23	30
cis-1,2-Dichloroethylene	55		"	50.0	110	74-132		2.61	30
cis-1,3-Dichloropropylene	56		"	50.0	113	81-129		0.548	30
Cyclohexane	57		"	50.0	113	70-130		1.74	30
Dibromochloromethane	56		"	50.0	112	10-200		2.79	30
Dibromomethane	55		"	50.0	110	83-124		0.435	30
Dichlorodifluoromethane	58		"	50.0	115	28-158		4.45	30
Ethyl Benzene	55		"	50.0	110	84-125		3.36	30
Hexachlorobutadiene	56		"	50.0	113	83-133		0.530	30
Isopropylbenzene	58		"	50.0	116	81-127		1.52	30
Methyl acetate	52		"	50.0	105	41-143		3.93	30
Methyl tert-butyl ether (MTBE)	56		"	50.0	111	74-131		5.15	30
Methylcyclohexane	54		"	50.0	107	70-130		4.34	30
Methylene chloride	51		"	50.0	103	57-141		2.87	30
n-Butylbenzene	55		"	50.0	109	80-130		1.20	30
n-Propylbenzene	54		"	50.0	109	74-136		2.69	30
o-Xylene	53		"	50.0	106	83-123		7.65	30
p- & m- Xylenes	110		"	100	105	82-128		5.11	30
p-Isopropyltoluene	56		"	50.0	111	85-125		3.34	30
sec-Butylbenzene	55		"	50.0	110	83-125		3.26	30
Styrene	55		"	50.0	111	86-126		5.43	30
tert-Butyl alcohol (TBA)	55		"	50.0	110	70-130		6.65	30
tert-Butylbenzene	55		"	50.0	111	80-127		0.181	30
Tetrachloroethylene	55		"	50.0	110	80-129		1.19	30
Toluene	53		"	50.0	106	85-121		6.40	30
trans-1,2-Dichloroethylene	56		"	50.0	112	72-132		3.86	30
trans-1,3-Dichloropropylene	56		"	50.0	111	78-132		1.75	30
Trichloroethylene	56		"	50.0	111	84-123		3.52	30
Trichlorofluoromethane	58		"	50.0	115	62-140		0.985	30
Vinyl Chloride	58		"	50.0	117	52-130		2.92	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.1</i>		<i>"</i>	<i>50.0</i>	<i>100</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.5</i>		<i>"</i>	<i>50.0</i>	<i>97.1</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.4</i>		<i>"</i>	<i>50.0</i>	<i>101</i>	<i>76-130</i>			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL51134 - EPA 3550C

Blank (BL51134-BLK1)

Prepared & Analyzed: 12/21/2015

1,1'-Biphenyl	ND	41.7	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.3	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,3,4,6-Tetrachlorophenol	ND	83.3	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3'-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acetophenone	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Anthracene	ND	41.7	"								
Atrazine	ND	41.7	"								
Benzaldehyde	ND	41.7	"								
Benzidine	ND	167	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL51134 - EPA 3550C

Blank (BL51134-BLK1)

Prepared & Analyzed: 12/21/2015

Benzo(k)fluoranthene	ND	41.7	ug/kg wet								
Benzo(k)fluoranthene	ND	41.7	"								
Benzoic acid	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Caprolactam	ND	83.3	"								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyrene	ND	41.7	"								
Surrogate: 2-Fluorophenol	1460		"	2510		58.3	20-108				
Surrogate: Phenol-d5	1670		"	2510		66.7	23-114				
Surrogate: Nitrobenzene-d5	1010		"	1670		60.8	22-108				
Surrogate: Nitrobenzene-d5	1010		"	1670		60.8	22-108				
Surrogate: 2-Fluorobiphenyl	853		"	1670		51.2	21-113				
Surrogate: 2-Fluorobiphenyl	853		"	1670		51.2	21-113				
Surrogate: 2,4,6-Tribromophenol	1480		"	2500		59.1	19-110				
Surrogate: Terphenyl-d14	1090		"	1670		65.6	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BL51134 - EPA 3550C</b>											
<b>Blank (BL51134-BLK1)</b>										Prepared & Analyzed: 12/21/2015	
Surrogate: Terphenyl-d14	1090		ug/kg wet	1670		65.6	24-116				
<b>LCS (BL51134-BS1)</b>										Prepared & Analyzed: 12/21/2015	
1,1'-Biphenyl	1050	41.7	ug/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	1050	83.3	"	1670		63.0	10-144				
1,2,4-Trichlorobenzene	858	41.7	"	1670		51.5	23-130				
1,2-Dichlorobenzene	866	41.7	"	1670		52.0	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	1350	41.7	"	1670		80.8	10-140				
1,3-Dichlorobenzene	930	41.7	"	1670		55.8	32-113				
1,4-Dichlorobenzene	815	41.7	"	1670		48.9	28-111				
2,3,4,6-Tetrachlorophenol	2190	83.3	"	1670		131	30-130	High Bias			
2,4,5-Trichlorophenol	890	41.7	"	1670		53.4	14-138				
2,4,6-Trichlorophenol	1010	41.7	"	1670		60.9	27-122				
2,4-Dichlorophenol	1100	41.7	"	1670		65.9	23-133				
2,4-Dimethylphenol	1180	41.7	"	1670		70.6	15-131				
2,4-Dinitrophenol	1180	83.3	"	1670		71.0	10-149				
2,4-Dinitrotoluene	1220	41.7	"	1670		73.2	30-123				
2,6-Dinitrotoluene	1200	41.7	"	1670		72.3	30-125				
2-Chloronaphthalene	992	41.7	"	1670		59.5	22-115				
2-Chlorophenol	989	41.7	"	1670		59.3	25-121				
2-Methylnaphthalene	1050	41.7	"	1670		63.1	16-127				
2-Methylnaphthalene	1050	41.7	"	1670		63.1	16-127				
2-Methylphenol	1050	41.7	"	1670		62.9	10-146				
2-Nitroaniline	1180	83.3	"	1670		70.6	24-126				
2-Nitrophenol	1000	41.7	"	1670		60.1	17-129				
3- & 4-Methylphenols	1040	41.7	"	1670		62.7	20-109				
3,3'-Dichlorobenzidine	1550	41.7	"	1670		92.8	10-147				
3-Nitroaniline	1310	83.3	"	1670		78.8	23-123				
4,6-Dinitro-2-methylphenol	1120	83.3	"	1670		67.3	10-149				
4-Bromophenyl phenyl ether	1050	41.7	"	1670		62.7	30-138				
4-Chloro-3-methylphenol	1190	41.7	"	1670		71.3	16-138				
4-Chloroaniline	1230	41.7	"	1670		73.9	10-117				
4-Chlorophenyl phenyl ether	949	41.7	"	1670		56.9	18-132				
4-Nitroaniline	1140	83.3	"	1670		68.3	14-125				
4-Nitrophenol	1240	83.3	"	1670		74.3	10-136				
Acenaphthene	1020	41.7	"	1670		61.5	17-124				
Acenaphthene	1020	41.7	"	1670		61.5	17-124				
Acenaphthylene	1020	41.7	"	1670		61.1	16-124				
Acenaphthylene	1020	41.7	"	1670		61.1	16-124				
Acetophenone	1110	41.7	"	1670		66.4	28-105				
Aniline	1350	167	"	1670		81.0	10-111				
Anthracene	1050	41.7	"	1670		63.2	24-124				
Anthracene	1050	41.7	"	1670		63.2	24-124				
Atrazine	1090	41.7	"	1670		65.3	22-120				
Benzaldehyde	1030	41.7	"	1670		62.0	21-100				
Benzo(a)anthracene	1040	41.7	"	1670		62.6	25-134				
Benzo(a)anthracene	1040	41.7	"	1670		62.6	25-134				
Benzo(a)pyrene	1030	41.7	"	1670		61.9	29-144				
Benzo(a)pyrene	1030	41.7	"	1670		61.9	29-144				
Benzo(b)fluoranthene	956	41.7	"	1670		57.4	20-151				
Benzo(b)fluoranthene	956	41.7	"	1670		57.4	20-151				
Benzo(g,h,i)perylene	990	41.7	"	1670		59.4	10-153				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	
		Limit	Units							Limit	Flag
<b>Batch BL51134 - EPA 3550C</b>											
<b>LCS (BL51134-BS1)</b>										Prepared & Analyzed: 12/21/2015	
Benzo(g,h,i)perylene	990	41.7	ug/kg wet	1670		59.4	10-153				
Benzo(k)fluoranthene	930	41.7	"	1670		55.8	10-148				
Benzo(k)fluoranthene	930	41.7	"	1670		55.8	10-148				
Benzoic acid	1440	41.7	"	1670		86.5	10-116				
Benzyl alcohol	1180	41.7	"	1670		70.6	17-128				
Benzyl butyl phthalate	1110	41.7	"	1670		66.3	10-132				
Bis(2-chloroethoxy)methane	1190	41.7	"	1670		71.3	10-129				
Bis(2-chloroethyl)ether	994	41.7	"	1670		59.6	14-125				
Bis(2-chloroisopropyl)ether	1380	41.7	"	1670		82.8	14-122				
Bis(2-ethylhexyl)phthalate	1260	41.7	"	1670		75.5	10-141				
Caprolactam	1370	83.3	"	1670		82.3	10-123				
Carbazole	1150	41.7	"	1670		69.1	31-120				
Chrysene	1180	41.7	"	1670		70.7	24-116				
Chrysene	1180	41.7	"	1670		70.7	24-116				
Dibenzo(a,h)anthracene	1080	41.7	"	1670		64.8	17-147				
Dibenzo(a,h)anthracene	1080	41.7	"	1670		64.8	17-147				
Dibenzofuran	1010	41.7	"	1670		60.7	23-123				
Diethyl phthalate	1140	41.7	"	1670		68.6	23-122				
Dimethyl phthalate	1060	41.7	"	1670		63.7	28-127				
Di-n-butyl phthalate	1100	41.7	"	1670		65.7	19-123				
Di-n-octyl phthalate	1150	41.7	"	1670		69.0	10-132				
Fluoranthene	1020	41.7	"	1670		61.2	36-125				
Fluoranthene	1020	41.7	"	1670		61.2	36-125				
Fluorene	1050	41.7	"	1670		63.0	16-130				
Fluorene	1050	41.7	"	1670		63.0	16-130				
Hexachlorobenzene	1130	41.7	"	1670		67.8	10-129				
Hexachlorobutadiene	838	41.7	"	1670		50.3	22-153				
Hexachlorocyclopentadiene	446	41.7	"	1670		26.8	10-134				
Hexachloroethane	979	41.7	"	1670		58.7	20-112				
Indeno(1,2,3-cd)pyrene	1040	41.7	"	1670		62.7	10-155				
Indeno(1,2,3-cd)pyrene	1040	41.7	"	1670		62.7	10-155				
Isophorone	1220	41.7	"	1670		73.2	14-131				
Naphthalene	1030	41.7	"	1670		61.9	20-121				
Naphthalene	1030	41.7	"	1670		61.9	20-121				
Nitrobenzene	1200	41.7	"	1670		71.9	20-121				
N-Nitrosodimethylamine	1220	41.7	"	1670		73.2	10-124				
N-nitroso-di-n-propylamine	1190	41.7	"	1670		71.5	21-119				
N-Nitrosodiphenylamine	1270	41.7	"	1670		76.4	10-163				
Pentachlorophenol	1040	41.7	"	1670		62.2	10-143				
Phenanthrene	1080	41.7	"	1670		64.6	24-123				
Phenanthrene	1080	41.7	"	1670		64.6	24-123				
Phenol	1220	41.7	"	1670		73.3	15-123				
Pyrene	1050	41.7	"	1670		63.2	24-132				
Pyrene	1050	41.7	"	1670		63.2	24-132				
<i>Surrogate: 2-Fluorophenol</i>	<i>1490</i>		<i>"</i>	<i>2510</i>		<i>59.3</i>	<i>20-108</i>				
<i>Surrogate: Phenol-d5</i>	<i>1580</i>		<i>"</i>	<i>2510</i>		<i>63.2</i>	<i>23-114</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1050</i>		<i>"</i>	<i>1670</i>		<i>63.2</i>	<i>22-108</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>1050</i>		<i>"</i>	<i>1670</i>		<i>63.2</i>	<i>22-108</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>864</i>		<i>"</i>	<i>1670</i>		<i>51.9</i>	<i>21-113</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>864</i>		<i>"</i>	<i>1670</i>		<i>51.9</i>	<i>21-113</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>1630</i>		<i>"</i>	<i>2500</i>		<i>65.3</i>	<i>30-130</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL51134 - EPA 3550C

LCS (BL51134-BS1)

Prepared & Analyzed: 12/21/2015

Surrogate: Terphenyl-d14	973		ug/kg wet	1670		58.4	24-116				
Surrogate: Terphenyl-d14	973		"	1670		58.4	24-116				



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

**Batch BA60232 - EPA 3550C**

**Blank (BA60232-BLK1)**

Prepared & Analyzed: 01/08/2016

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	13.2	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								

*Surrogate: Tetrachloro-m-xylene*

36.4  
41.3

"  
"

67.0  
69.0

54.3  
59.8

30-140  
30-140

*Surrogate: Decachlorobiphenyl*

Prepared & Analyzed: 01/08/2016

**LCS (BA60232-BS1)**

4,4'-DDD	27.3	0.330	ug/kg wet	33.3	81.8	40-140
4,4'-DDE	23.9	0.330	"	33.3	71.6	40-140
4,4'-DDT	29.4	0.330	"	33.3	88.2	40-140
Aldrin	26.1	0.330	"	33.3	78.3	40-140
alpha-BHC	24.9	0.330	"	33.3	74.7	40-140
alpha-Chlordane	24.1	0.330	"	33.3	72.2	40-140
beta-BHC	22.2	0.330	"	33.3	66.5	40-140
delta-BHC	24.8	0.330	"	33.3	74.4	40-140
Dieldrin	27.0	0.330	"	33.3	81.0	40-140
Endosulfan I	25.1	0.330	"	33.3	75.3	40-140
Endosulfan II	27.3	0.330	"	33.3	81.9	40-140
Endosulfan sulfate	26.1	0.330	"	33.3	78.2	40-140
Endrin	26.1	0.330	"	33.3	78.3	40-140
Endrin aldehyde	24.6	0.330	"	33.3	73.9	40-140
Endrin ketone	26.3	0.330	"	33.3	78.9	40-140
gamma-BHC (Lindane)	23.6	0.330	"	33.3	70.7	40-140
gamma-Chlordane	25.0	0.330	"	33.3	74.9	40-140
Heptachlor	24.1	0.330	"	33.3	72.2	40-140
Heptachlor epoxide	23.7	0.330	"	33.3	71.2	40-140
Methoxychlor	32.1	1.65	"	33.3	96.4	40-140

*Surrogate: Tetrachloro-m-xylene*

35.6  
36.6

"  
"

67.0  
69.0

53.2  
53.0

30-140  
30-140

*Surrogate: Decachlorobiphenyl*



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	%REC			Limit			
<b>Batch BA60232 - EPA 3550C</b>												
<b>LCS Dup (BA60232-BSD1)</b>											Prepared & Analyzed: 01/08/2016	
4,4'-DDD	27.2	0.330	ug/kg wet	33.3		81.7	40-140		0.0489		30	
4,4'-DDE	24.1	0.330	"	33.3		72.3	40-140		0.993		30	
4,4'-DDT	29.3	0.330	"	33.3		87.9	40-140		0.233		30	
Aldrin	26.3	0.330	"	33.3		79.0	40-140		1.01		30	
alpha-BHC	25.2	0.330	"	33.3		75.5	40-140		1.05		30	
alpha-Chlordane	24.3	0.330	"	33.3		72.8	40-140		0.814		30	
beta-BHC	22.3	0.330	"	33.3		66.9	40-140		0.721		30	
delta-BHC	25.2	0.330	"	33.3		75.6	40-140		1.55		30	
Dieldrin	27.2	0.330	"	33.3		81.5	40-140		0.622		30	
Endosulfan I	25.2	0.330	"	33.3		75.6	40-140		0.464		30	
Endosulfan II	27.3	0.330	"	33.3		81.9	40-140		0.00366		30	
Endosulfan sulfate	26.3	0.330	"	33.3		78.8	40-140		0.650		30	
Endrin	26.2	0.330	"	33.3		78.7	40-140		0.462		30	
Endrin aldehyde	24.7	0.330	"	33.3		74.2	40-140		0.436		30	
Endrin ketone	26.3	0.330	"	33.3		78.9	40-140		0.0139		30	
gamma-BHC (Lindane)	23.9	0.330	"	33.3		71.6	40-140		1.26		30	
gamma-Chlordane	25.2	0.330	"	33.3		75.6	40-140		0.897		30	
Heptachlor	24.4	0.330	"	33.3		73.1	40-140		1.22		30	
Heptachlor epoxide	24.0	0.330	"	33.3		71.9	40-140		1.06		30	
Methoxychlor	32.2	1.65	"	33.3		96.5	40-140		0.0871		30	
<i>Surrogate: Tetrachloro-m-xylene</i>	35.7		"	67.0		53.3	30-140					
<i>Surrogate: Decachlorobiphenyl</i>	36.5		"	69.0		52.9	30-140					



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BA60232 - EPA 3550C</b>											
<b>Blank (BA60232-BLK1)</b>										Prepared & Analyzed: 01/08/2016	
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0450		"	0.0670		67.2	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0353		"	0.0690		51.2	30-140				
<b>LCS (BA60232-BS2)</b>										Prepared & Analyzed: 01/08/2016	
Aroclor 1016	0.274	0.0167	mg/kg wet	0.333		82.3	40-130				
Aroclor 1260	0.250	0.0167	"	0.333		75.1	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0550		"	0.0670		82.1	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0423		"	0.0690		61.4	30-140				
<b>LCS Dup (BA60232-BSD2)</b>										Prepared & Analyzed: 01/08/2016	
Aroclor 1016	0.278	0.0167	mg/kg wet	0.333		83.3	40-130		1.16	25	
Aroclor 1260	0.252	0.0167	"	0.333		75.7	40-130		0.849	25	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0553		"	0.0670		82.6	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0433		"	0.0690		62.8	30-140				
<b>Matrix Spike (BA60232-MS2)</b>										Prepared & Analyzed: 01/08/2016	
*Source sample: 15L0646-05 (SB-06/07 7-9)											
Aroclor 1016	0.122	0.0195	mg/kg dry	0.391	ND	31.3	40-140	Low Bias			
Aroclor 1260	0.120	0.0195	"	0.391	ND	30.6	40-140	Low Bias			
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0262		"	0.0785		33.3	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0215		"	0.0809		26.6	30-140				



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BL51060 - EPA 3050B**

**Blank (BL51060-BLK1)**

Prepared: 12/18/2015 Analyzed: 12/20/2015

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

**Reference (BL51060-SRM1)**

Prepared: 12/18/2015 Analyzed: 12/20/2015

Aluminum	9310	5.00	mg/kg wet	8100	115	39.6-160.5					
Antimony	109	0.500	"	116	94.3	55.7-252.6					
Arsenic	128	1.00	"	122	105	70-145.1					
Barium	180	1.00	"	167	108	73.1-126.9					
Beryllium	57.5	0.100	"	54.3	106	73.1-127.1					
Cadmium	88.3	0.300	"	88.0	100	73.3-127.3					
Calcium	6170	5.00	"	5920	104	73.6-126.4					
Chromium	112	0.500	"	102	110	69.4-130.4					
Cobalt	110	0.500	"	99.4	111	74.3-125.8					
Copper	86.4	0.500	"	78.0	111	73.7-132.1					
Iron	18300	2.00	"	15100	121	37.1-162.9					
Lead	97.3	0.300	"	94.5	103	70.5-129					
Magnesium	3190	5.00	"	3020	106	65.9-133.8					
Manganese	430	0.500	"	401	107	76.1-132.9					
Nickel	67.9	0.500	"	56.3	121	69.8-130					
Potassium	2590	5.00	"	2490	104	60.6-139.4					
Selenium	162	1.00	"	157	103	67.5-131.8					
Silver	9.91	0.500	"	34.2	29.0	65.5-134.2	Low Bias				
Sodium	255	10.0	"	246	103	32-170					
Thallium	112	1.00	"	116	96.7	67.4-132.7					
Vanadium	76.2	1.00	"	67.1	114	57.8-192.3					
Zinc	206	1.00	"	207	99.5	70-130.4					



**Mercury by EPA 7000/200 Series Methods - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BL51122 - EPA 7473 soil</b>											
<b>Blank (BL51122-BLK1)</b>											
Mercury	ND	0.0300	mg/kg wet								Prepared & Analyzed: 12/21/2015
<b>Reference (BL51122-SRM1)</b>											
Mercury	5.8454		mg/kg	5.76		101	71.2-129				Prepared & Analyzed: 12/21/2015



### Volatile Analysis Sample Containers

<b>Lab ID</b>	<b>Client Sample ID</b>	<b>Volatile Sample Container</b>
15L0646-01	SB-01 0-2	40mL Vial with Stir Bar-Cool 4° C
15L0646-02	SB-02 0-2	40mL Vial with Stir Bar-Cool 4° C
15L0646-03	SB-03/04 0-2	40mL Vial with Stir Bar-Cool 4° C
15L0646-04	SB-05 3-5	40mL Vial with Stir Bar-Cool 4° C
15L0646-05	SB-06/07 7-9	40mL Vial with Stir Bar-Cool 4° C



## Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
Rep-04	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
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.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-PCB	This sample was extracted outside of the CTDEP RCP or other State recommended holding time. The US EPA per SW-846 has issued a revision extending PCB hold time to 1 year or longer.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Corrective Action: On 01/06/16 the client activated Pesticide and PCB analysis outside method holding time on samples: SB-01 0-2 and SB-06/07 7-9. Additionally, a full SVOA list was requested to be reported on these samples.

Revision Description: This report has been revised to include Pest/PCB analysis data and report a full SVOA list on samples -01 and -05.



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# 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. 15L0646

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: <u>ESI</u>	<input checked="" type="checkbox"/> SAME	Name: <u>Brenda</u>	<input checked="" type="checkbox"/> SAME	EB15157.20		RUSH-Same Day		RUSH-Same Day		Summary Report	
Address: <u>24 Davis Avenue</u>	Name: <u>Brenda</u>	Company: <u>Poughkeepsie, NY</u>	Company: <u>Poughkeepsie, NY</u>	Purchase Order #		RUSH-Next Day		RUSH-Next Day		QA Report	
Phone: <u>845-452-1658</u>	Address: <u></u>	Address: <u></u>	Address: <u></u>			RUSH-Two Day		RUSH-Two Day		CT RCP	
Contact: <u>Tyler Goodnough</u>	E-mail: <u></u>	E-mail: <u></u>	E-mail: <u></u>			RUSH-Three Day		RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail: <u></u>						RUSH-Four Day		RUSH-Four Day		NY ASP A Package	
						Standard (5-7 day)		Standard (5-7 day)		NY ASP B Package	
						Samples from CT, NY, NJ		Samples from CT, NY, NJ		NJDEP Reduced Delly	

*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.*

Matrix Codes  
S - soil  
Other - specify (oil, etc)  
WW - wastewater  
GW - groundwater  
DW - drinking water  
Air-A - ambient air  
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)  
Tyler Goodnough  
Name (printed)

Volatiles	Semi-Volatiles	Metals	Misc. Org.	Full Lists
8260 full TICs	8270 or 625 8082 PCB	RCRA8	TPH GRO	Pin Poll.
674 Site Spec.	STARS list	PP13 list	TPH DRO	TCL organics
STARS list Nassau Co.	8081 Pest	TAL	CT ETHP	TAL-Metals
BTEX	8151 Herb	CT13 list	NY 310-13	Full TCLP
MTBE	Ad ds Only	CT RCP	TPH 1664	Full App IX
TCL list	PAH list	App. IX	Air TO14A	Pin 100/Refr
TCM list	Site Spec.	Site Spec.	Air TO15	Pin 500/Refr
TAGM list	SELP or TCLP list	SELP or TCLP list	Air STARS	Pin 500/Refr
CT RCP list	TCL list	Dissolved	Air VPH	Pin 500/Refr
Atom. only	502.2 list	SELP or TCLP	Indic. Metals	NYDEP Sewer
Healog only	NDDEP list	Chloridane	LIST Below	NYDEP Sewer
App. IX list	SELP or TCLP	608 Pest	Helium	NYDEP Sewer
8021B list	SELP or TCLP	608 PCB		TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SB-01 0-2	12/14/2015	S	VOCs 8260, PAHs 8270, TAL Metals	1xVOA kit, 2x4oz jar
SB-02 0-2				1xVOA kit, 2x4oz jar
SB-03/04 0-2				1xVOA kit, 1x8oz jar
SB-05 3-5				1xVOA kit, 1x8oz jar
SB-06/07 7-9				1xVOA kit, 1x8oz jar

Comments:

Preservation (check all applicable):  
 4°C  Frozen  HCl  MeOH  HNO<sub>3</sub>  H<sub>2</sub>SO<sub>4</sub>  NaOH   
 ZnAc  Ascorbic Acid  Other

Special Instructions:  
 Field Filtered   
 Lab to Filter

Samples Relinquished By: [Signature] Date/Time: 12/14/15 9:15 am  
 Samples Received By: [Signature] Date/Time: 12-16-15 9:45

Samples Relinquished By: [Signature] Date/Time: 12/16/15 1519  
 Samples Received In L.A.B by: [Signature] Date/Time: 12/16/15 1519

Temperature on Receipt: 3.0°C



Ecosystems Strategies, Inc.

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## **APPENDIX C**

### ***Soil Boring Logs***

# Soil Boring Log

2SB-01 (SHEET 1 OF 1)		Remedial Investigation 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						ESI FILE EB15159A.40	
		DATE: 2016-05-10		DRILLER (RIG) Core Down Drilling (Geoprobe, 4' macro-core)				ESI STAFF: T. Goodnough	
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS (1")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
	SOIL / MATERIAL DESCRIPTION								
0 – 4' (75%)	Medium brown, silty F SAND with brick and masonry inclusions		Dry	0	ND	ND	ND	0-2	
4 – 8' (50%)	Medium brown, M SAND with brick and rock inclusions		Dry	0	ND	ND	ND		
8 – 12' (90%)	Variable texture SAND with brick and rock inclusions to ~9'		Dry	0	ND	ND	ND	10-10.5	
	Medium brown, clayey SILT		Dry	0	ND	ND	ND		
	~1.5" area of black, SILT material		Dry	3,000	Yes	Yes	ND		
	Medium brown/orange, M SAND becoming more coarse		Dry	0	ND	ND	ND		
12 – 16' (100%)	Medium brown/orange, M-C SAND with some gravel		Dry	0	ND	ND	ND	14-16	
		***** End of Boring at 16' *****							
<b>Notes</b>		<p><b>Fill Materials</b> ~0 - 16'</p> <p><b>Field Evidence of Contamination</b> Black silty material with petroleum odor and elevated PID reading (up to 3,000 ppm)</p> <p><b>Saturated Soils</b> Not encountered</p>							

ND (non-detect) PID (photoionization detector) ppm (parts per million) NAPL (non-aqueous phase liquid)  
 F (fine) M (medium) C (coarse) P (plastic) LP (low plastic) NP (non-plastic)

# Soil Boring Log

2SB-02 (SHEET 1 OF 1)		Remedial Investigation 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						ESI FILE EB15159A.40	
		DATE: 2016-05-10		DRILLER (RIG) Core Down Drilling (Geoprobe, 4' macro-core)		ESI STAFF: T. Goodnough		WEATHER: sunny, 70s F	
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS (1")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
	SOIL / MATERIAL DESCRIPTION								
0 – 4' (60%)	Dark to medium brown, silty F SAND		Dry	0	ND	ND	ND	0-2	
	Medium brown, silty, variable texture SAND with brick, gravel, and masonry inclusions		Dry	0	ND	ND	ND		
4 – 8' (50%)	Medium brown, variable texture SAND with brick and rock inclusions		Dry	0	ND	ND	ND		
8 – 12' (50%)	Medium brown, variable texture SAND with brick inclusions to ~11'		Dry	0	ND	ND	ND		
	Medium brown, M SAND		Moist	0	ND	ND	ND		
12 – 16' (75%)	Medium brown, M-C SAND		Dry	0	ND	ND	ND	14-16	
		***** End of Boring at 16' *****							
<b>Notes</b>		<b>Fill Materials</b> ~0 - 16'  <b>Field Evidence of Contamination</b> Not encountered  <b>Saturated Soils</b> Not encountered							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)

# Soil Boring Log

2SB-03 (SHEET 1 OF 1)		Remedial Investigation 461 & 463 Tompkins Avenue Borough of Brooklyn New York City, New York						ESI FILE EB15159A.40	
		DATE: 2016-05-10		DRILLER (RIG) Core Down Drilling (Geoprobe, 4' macro-core)				ESI STAFF: T. Goodnough	
BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: GRASS (1")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
	SOIL / MATERIAL DESCRIPTION								
0 – 4' (75%)	Medium brown, silty F SAND with brick and concrete inclusions		Dry	0	ND	ND	ND	0-2	
4 – 8' (75%)	Medium brown, silty F SAND with brick and masonry inclusions		Dry	0	ND	ND	ND		
8 – 12' (50%)	Brick and masonry to ~9'		Dry	0	ND	ND	ND		
	Medium brown, M-F SAND with small gravel and rocks		Moist	0	ND	ND	ND		
12 – 16' (90%)	Medium brown, M-F SAND becoming more coarse		Dry	0	ND	ND	ND	14-16	
		***** End of Boring at 16' *****							
<b>Notes</b>		<b>Fill Materials</b> ~0 - 16'  <b>Field Evidence of Contamination</b> Not encountered  <b>Saturated Soils</b> Not encountered							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)



**APPENDIX D**

***Laboratory Data Deliverables for Soil and Soil Vapor Analytical Data***



# Technical Report

prepared for:

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
**Attention: Tyler Goodnough**

Report Date: 05/19/2016  
**Client Project ID: EB15157A**  
York Project (SDG) No.: 16E0539

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/19/2016  
Client Project ID: EB15157A  
York Project (SDG) No.: 16E0539

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
Attention: Tyler Goodnough

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## 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 May 12, 2016 and listed below. The project was identified as your project: **EB15157A**.

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>
16E0539-01	2SB-01 0-2	Soil	05/10/2016	05/12/2016
16E0539-02	2SB-01 10-10.5	Soil	05/10/2016	05/12/2016
16E0539-03	2SB-01 14-16	Soil	05/10/2016	05/12/2016
16E0539-04	2SB-02 0-2	Soil	05/10/2016	05/12/2016
16E0539-05	2SB-02 14-16	Soil	05/10/2016	05/12/2016
16E0539-06	2SB-03 0-2	Soil	05/10/2016	05/12/2016
16E0539-07	2SB-03 14-16	Soil	05/10/2016	05/12/2016

## **General Notes for York Project (SDG) No.: 16E0539**

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:** 05/19/2016





### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	85	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS



## Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	5.1	SCAL- E, J	ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
107-02-8	Acrolein	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS



### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/19/2016 08:12	05/19/2016 13:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/19/2016 08:12	05/19/2016 13:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/19/2016 08:12	05/19/2016 13:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2016 08:12	05/19/2016 13:02	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	77-125								
2037-26-5	Surrogate: Toluene-d8	106 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	99.6 %	76-130								

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**



## Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR



### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
83-32-9	Acenaphthene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
98-86-2	Acetophenone	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
62-53-3	Aniline	ND		ug/kg dry	190	381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
120-12-7	<b>Anthracene</b>	<b>104</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
1912-24-9	Atrazine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
92-87-5	Benzidine	ND		ug/kg dry	190	381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>352</b>	CCV-E	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>316</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>213</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>229</b>	CCV-E	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>290</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
65-85-0	Benzoic acid	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR



### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>64.6</b>	CCV-E, J	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
105-60-2	Caprolactam	ND		ug/kg dry	95.1	190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
86-74-8	<b>Carbazole</b>	<b>69.2</b>	J	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
218-01-9	<b>Chrysene</b>	<b>356</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>129</b>	CCV-E	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
206-44-0	<b>Fluoranthene</b>	<b>773</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
86-73-7	Fluorene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>217</b>	CCV-E	ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR



### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
85-01-8	<b>Phenanthrene</b>	<b>500</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
108-95-2	Phenol	ND		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR
129-00-0	<b>Pyrene</b>	<b>576</b>		ug/kg dry	47.7	95.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:23	SR

**Surrogate Recoveries**

**Result**

**Acceptance Range**

367-12-4	Surrogate: 2-Fluorophenol	39.6 %	20-108
4165-62-2	Surrogate: Phenol-d5	46.5 %	23-114
4165-60-0	Surrogate: Nitrobenzene-d5	42.1 %	22-108
321-60-8	Surrogate: 2-Fluorobiphenyl	43.2 %	21-113
118-79-6	Surrogate: 2,4,6-Tribromophenol	40.3 %	19-110
1718-51-0	Surrogate: Terphenyl-d14	34.0 %	24-116

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
72-55-9	<b>4,4'-DDE</b>	<b>10.8</b>		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
50-29-3	<b>4,4'-DDT</b>	<b>25.4</b>		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
5103-71-9	<b>alpha-Chlordane</b>	<b>3.98</b>		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 22:17	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	75.3	75.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC



### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
5566-34-7	<b>gamma-Chlordane</b>	<b>3.34</b>		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 22:17	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.41	9.41	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	95.2	95.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:17	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	63.8 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	107 %	30-140								

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:28	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:28	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:28	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:28	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:28	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:28	AMC



### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:28	AMC
1336-36-3	* Total PCBs	0.0252		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	05/17/2016 07:10	05/18/2016 11:28	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	62.5 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	70.0 %			30-140						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8810		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-38-2	Arsenic	4.09		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-39-3	Barium	174		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-41-7	Beryllium	0.151		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-70-2	Calcium	7250		mg/kg dry	0.570	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-47-3	Chromium	17.2		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-48-4	Cobalt	6.41		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-50-8	Copper	289		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7439-89-6	Iron	16500		mg/kg dry	2.28	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7439-92-1	Lead	289		mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7439-95-4	Magnesium	2330		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7439-96-5	Manganese	292		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-02-0	Nickel	16.0		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD



### Sample Information

**Client Sample ID:** 2SB-01 0-2

**York Sample ID:** 16E0539-01

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	943		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7782-49-2	Selenium	2.90		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-22-4	Silver	ND		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-23-5	Sodium	161		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-62-2	Vanadium	24.6		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD
7440-66-6	Zinc	164		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:10	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.341		mg/kg dry	0.0342	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/13/2016 06:30	05/13/2016 11:49	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.7		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/18/2016 13:51	05/18/2016 17:50	LAB

### Sample Information

**Client Sample ID:** 2SB-01 10-10.5

**York Sample ID:** 16E0539-02

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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### Sample Information

**Client Sample ID:** 2SB-01 10-10.5

**York Sample ID:** 16E0539-02

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>11000</b>		ug/kg dry	240	480	106	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/19/2016 13:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>78</b>		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	91	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK



### Sample Information

**Client Sample ID:** 2SB-01 10-10.5

**York Sample ID:** 16E0539-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	15	CCV-E	ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
98-82-8	Isopropylbenzene	6.2		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK



## Sample Information

**Client Sample ID:** 2SB-01 10-10.5

**York Sample ID:** 16E0539-02

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
108-87-2	<b>Methylcyclohexane</b>	<b>2.7</b>	J	ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
104-51-8	<b>n-Butylbenzene</b>	<b>51</b>		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
103-65-1	<b>n-Propylbenzene</b>	<b>12</b>		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 12:10	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 12:10	BK
99-87-6	<b>p-Isopropyltoluene</b>	<b>32</b>		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
135-98-8	<b>sec-Butylbenzene</b>	<b>43</b>		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
127-18-4	<b>Tetrachloroethylene</b>	<b>14</b>		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:10	BK

	<b>Surrogate Recoveries</b>	<b>Result</b>	<b>Acceptance Range</b>
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.9 %	77-125
2037-26-5	Surrogate: Toluene-d8	108 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	76-130



### Sample Information

**Client Sample ID:** 2SB-01 10-10.5

**York Sample ID:** 16E0539-02

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, PAH Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	15900		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
83-32-9	Acenaphthene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
120-12-7	Anthracene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
218-01-9	Chrysene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
206-44-0	Fluoranthene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
86-73-7	Fluorene	2840		ug/kg dry	603	1200	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
91-20-3	Naphthalene	2010		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
85-01-8	Phenanthrene	5280		ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
129-00-0	Pyrene	741	J	ug/kg dry	603	1200	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 11:14	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
4165-60-0	Surrogate: Nitrobenzene-d5	94.4 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	75.5 %			21-113						
1718-51-0	Surrogate: Terphenyl-d14	53.2 %			24-116						

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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### Sample Information

**Client Sample ID:** 2SB-01 10-10.5

**York Sample ID:** 16E0539-02

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:57	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:57	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:57	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:57	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:57	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:57	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 11:57	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications:	05/17/2016 07:10	05/18/2016 11:57	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	50.5 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	69.5 %	30-140								

### Total Solids

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.6		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/18/2016 13:51	05/18/2016 17:50	LAB

### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	38	75	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
67-64-1	Acetone	ND		ug/kg dry	3.8	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
107-02-8	Acrolein	ND		ug/kg dry	3.8	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
71-43-2	Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	3.8	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 12:51	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.8	7.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 12:51	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
100-42-5	Styrene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.8	7.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
108-88-3	Toluene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 12:51	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 12:51	BK
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.8 %			77-125						
2037-26-5	Surrogate: Toluene-d8	105 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	96.8 %			76-130						

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
83-32-9	Acenaphthene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
98-86-2	Acetophenone	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
62-53-3	Aniline	ND		ug/kg dry	176	352	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
120-12-7	Anthracene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
1912-24-9	Atrazine	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
92-87-5	Benzidine	ND		ug/kg dry	176	352	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
65-85-0	Benzoic acid	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
105-60-2	Caprolactam	ND		ug/kg dry	87.9	176	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
86-74-8	Carbazole	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
218-01-9	Chrysene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
206-44-0	Fluoranthene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
86-73-7	Fluorene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
78-59-1	Isophorone	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
108-95-2	Phenol	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
129-00-0	Pyrene	ND		ug/kg dry	44.0	87.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 18:48	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	38.0 %			20-108						
4165-62-2	Surrogate: Phenol-d5	43.1 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	39.7 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	41.1 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	36.7 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	31.6 %			24-116						

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 17:47	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	69.6	69.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
72-20-8	Endrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 17:47	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	1.74	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.69	8.69	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	88.0	88.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 17:47	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	106 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	95.9 %	30-140								

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:26	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:26	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:26	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:26	AMC



## Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0176	0.0176	1	EPA 8082A Certifications:	05/17/2016 07:10	05/18/2016 12:26	AMC
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	69.0 %						30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	88.0 %						30-140			

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>4990</b>		mg/kg dry	5.27	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.527	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-38-2	Arsenic	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-39-3	<b>Barium</b>	<b>31.4</b>		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.316	0.316	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-70-2	<b>Calcium</b>	<b>1270</b>		mg/kg dry	0.527	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-47-3	<b>Chromium</b>	<b>16.3</b>		mg/kg dry	0.527	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-48-4	<b>Cobalt</b>	<b>5.73</b>		mg/kg dry	0.527	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-50-8	<b>Copper</b>	<b>13.1</b>		mg/kg dry	0.527	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7439-89-6	<b>Iron</b>	<b>17900</b>		mg/kg dry	2.11	2.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7439-92-1	<b>Lead</b>	<b>2.78</b>		mg/kg dry	0.316	0.316	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7439-95-4	<b>Magnesium</b>	<b>1550</b>		mg/kg dry	5.27	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7439-96-5	<b>Manganese</b>	<b>316</b>		mg/kg dry	0.527	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-02-0	<b>Nickel</b>	<b>12.5</b>		mg/kg dry	0.527	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-09-7	<b>Potassium</b>	<b>774</b>		mg/kg dry	5.27	5.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7782-49-2	<b>Selenium</b>	<b>2.48</b>		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD



### Sample Information

**Client Sample ID:** 2SB-01 14-16

**York Sample ID:** 16E0539-03

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.527	0.527	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-23-5	Sodium	165		mg/kg dry	10.5	10.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-62-2	Vanadium	27.6		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD
7440-66-6	Zinc	25.7		mg/kg dry	1.05	1.05	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:28	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	0.0316	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/13/2016 06:30	05/13/2016 11:58	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.9		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:26	05/17/2016 19:01	LAB

### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK



## Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
67-64-1	Acetone	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK



Sample Information

Client Sample ID: 2SB-02 0-2

York Sample ID: 16E0539-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include Benzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropylene, Cyclohexane, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Ethyl Benzene, Hexachlorobutadiene, Isopropylbenzene, Methyl acetate, Methyl tert-butyl ether (MTBE), Methylcyclohexane, Methylene chloride.



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 13:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 13:32	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 13:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 13:32	BK
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	97.0 %			77-125						
2037-26-5	Surrogate: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %			76-130						

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
91-57-6	<b>2-Methylnaphthalene</b>	<b>56.5</b>	J	ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
83-32-9	<b>Acenaphthene</b>	<b>435</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
208-96-8	<b>Acenaphthylene</b>	<b>534</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
62-53-3	Aniline	ND		ug/kg dry	197	393	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
120-12-7	<b>Anthracene</b>	<b>1640</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
92-87-5	Benzidine	ND		ug/kg dry	197	393	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>9370</b>	CCV-E	ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>6640</b>		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>8290</b>		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>2290</b>	CCV-E, IS-06	ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>6240</b>		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>180</b>	CCV-E	ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
105-60-2	Caprolactam	ND		ug/kg dry	98.2	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
86-74-8	<b>Carbazole</b>	<b>747</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
218-01-9	<b>Chrysene</b>	<b>8830</b>		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>1910</b>	CCV-E, IS-06	ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
132-64-9	<b>Dibenzofuran</b>	<b>320</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
206-44-0	<b>Fluoranthene</b>	<b>15900</b>		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
86-73-7	<b>Fluorene</b>	<b>537</b>		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>2570</b>	CCV-E, IS-06	ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
78-59-1	Isophorone	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
85-01-8	<b>Phenanthrene</b>	<b>9800</b>		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
108-95-2	Phenol	ND		ug/kg dry	49.2	98.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 21:59	SR
129-00-0	<b>Pyrene</b>	<b>12500</b>		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/18/2016 12:50	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	43.2 %			20-108						
4165-62-2	Surrogate: Phenol-d5	50.2 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	45.8 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	46.1 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	40.9 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	51.3 %			24-116						

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	<b>4,4'-DDD</b>	<b>20.5</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
72-55-9	<b>4,4'-DDE</b>	<b>22.8</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
50-29-3	<b>4,4'-DDT</b>	<b>175</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
5103-71-9	<b>alpha-Chlordane</b>	<b>18.0</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 22:32	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
57-74-9	<b>Chlordane, total</b>	<b>310</b>		ug/kg dry	77.7	77.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
60-57-1	<b>Dieldrin</b>	<b>12.0</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
72-20-8	Endrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
5566-34-7	<b>gamma-Chlordane</b>	<b>19.6</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 22:32	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.71	9.71	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	98.3	98.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:32	AMC

**Surrogate Recoveries**

**Result**

**Acceptance Range**

877-09-8	Surrogate: Tetrachloro-m-xylene	82.3 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	106 %	30-140

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:55	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:55	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:55	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:55	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:55	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:55	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 12:55	AMC



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	0.0291		mg/kg dry	0.0196	0.0196	1	EPA 8082A	05/17/2016 07:10	05/18/2016 12:55	AMC
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
877-09-8	Surrogate: Tetrachloro-m-xylene	69.0 %						30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	90.5 %						30-140			

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8280		mg/kg dry	5.89	5.89	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.589	0.589	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	8.91		mg/kg dry	1.18	1.18	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	282		mg/kg dry	1.18	1.18	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	0.143		mg/kg dry	0.118	0.118	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	0.409		mg/kg dry	0.353	0.353	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	39500		mg/kg dry	0.589	5.89	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	21.4		mg/kg dry	0.589	0.589	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	6.53		mg/kg dry	0.589	0.589	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	51.4		mg/kg dry	0.589	0.589	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	23000		mg/kg dry	2.35	2.35	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	274		mg/kg dry	0.353	0.353	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	3280		mg/kg dry	5.89	5.89	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	291		mg/kg dry	0.589	0.589	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	14.0		mg/kg dry	0.589	0.589	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	1390		mg/kg dry	5.89	5.89	1	EPA 6010C	05/13/2016 10:34	05/13/2016 22:33	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			



### Sample Information

**Client Sample ID:** 2SB-02 0-2

**York Sample ID:** 16E0539-04

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	2.99		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:33	ALD
7440-22-4	Silver	ND		mg/kg dry	0.589	0.589	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:33	ALD
7440-23-5	Sodium	232		mg/kg dry	11.8	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 10:34	05/13/2016 22:33	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:33	ALD
7440-62-2	Vanadium	34.8		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:33	ALD
7440-66-6	Zinc	189		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:33	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.450		mg/kg dry	0.0353	0.0353	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/13/2016 06:30	05/13/2016 12:06	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.0		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:26	05/17/2016 19:01	LAB

### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK



### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	97	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
67-64-1	Acetone	II	CCV-E	ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
107-02-8	Acrolein	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK



### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK



### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 14:13	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 14:13	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.8	9.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:13	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:13	BK
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	98.0 %	77-125								
2037-26-5	Surrogate: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: p-Bromofluorobenzene	93.3 %	76-130								

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR



## Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

York Project (SDG) No.

Client Project ID

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Date Received

16E0539

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Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
83-32-9	Acenaphthene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
98-86-2	Acetophenone	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
62-53-3	Aniline	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
120-12-7	Anthracene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
1912-24-9	Atrazine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
92-87-5	Benzidine	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
65-85-0	Benzoic acid	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR



### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
16E0539	EB15157A	Soil	May 10, 2016 3:00 pm	05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
105-60-2	Caprolactam	ND		ug/kg dry	89.4	179	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
86-74-8	Carbazole	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
218-01-9	Chrysene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
206-44-0	<b>Fluoranthene</b>	<b>64.3</b>	J	ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
86-73-7	Fluorene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
78-59-1	Isophorone	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR



### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

York Project (SDG) No.

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EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
108-95-2	Phenol	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
129-00-0	Pyrene	ND		ug/kg dry	44.8	89.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:20	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	53.9 %			20-108						
4165-62-2	Surrogate: Phenol-d5	60.5 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	55.0 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	60.1 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	46.1 %			24-116						

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 18:02	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	70.8	70.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC



### Sample Information

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Soil

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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 18:02	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.84	8.84	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	89.5	89.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:02	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	110 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	124 %	30-140								

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:25	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:25	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:25	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:25	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:25	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:25	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:25	AMC



## Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	0.0179	1	EPA 8082A Certifications:	05/17/2016 07:10	05/18/2016 13:25	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.0 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	83.5 %			30-140						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>6020</b>		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-38-2	<b>Arsenic</b>	<b>2.76</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-39-3	<b>Barium</b>	<b>59.6</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-70-2	<b>Calcium</b>	<b>1210</b>		mg/kg dry	0.536	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-47-3	<b>Chromium</b>	<b>13.3</b>		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-48-4	<b>Cobalt</b>	<b>5.85</b>		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-50-8	<b>Copper</b>	<b>13.1</b>		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7439-89-6	<b>Iron</b>	<b>14900</b>		mg/kg dry	2.14	2.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7439-92-1	<b>Lead</b>	<b>4.88</b>		mg/kg dry	0.322	0.322	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7439-95-4	<b>Magnesium</b>	<b>1670</b>		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7439-96-5	<b>Manganese</b>	<b>254</b>		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-02-0	<b>Nickel</b>	<b>13.3</b>		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-09-7	<b>Potassium</b>	<b>962</b>		mg/kg dry	5.36	5.36	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD



### Sample Information

**Client Sample ID:** 2SB-02 14-16

**York Sample ID:** 16E0539-05

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	1.82		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-22-4	Silver	ND		mg/kg dry	0.536	0.536	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-23-5	Sodium	122		mg/kg dry	10.7	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-62-2	Vanadium	27.7		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD
7440-66-6	Zinc	22.0		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:37	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0322	0.0322	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/13/2016 06:30	05/13/2016 12:15	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.3		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:26	05/17/2016 19:01	LAB

### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK



### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	91	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
67-64-1	Acetone	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK



### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK



### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 14:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/18/2016 08:47	05/18/2016 14:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.6	9.1	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/18/2016 08:47	05/18/2016 14:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2016 08:47	05/18/2016 14:53	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: 1,2-Dichloroethane-d4	93.9 %	77-125
2037-26-5	Surrogate: Toluene-d8	106 %	85-120
460-00-4	Surrogate: p-Bromofluorobenzene	107 %	76-130

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR



### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
83-32-9	Acenaphthene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
98-86-2	Acetophenone	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
62-53-3	Aniline	ND		ug/kg dry	196	393	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
120-12-7	<b>Anthracene</b>	<b>59.6</b>	J	ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
1912-24-9	Atrazine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
92-87-5	Benzidine	ND		ug/kg dry	196	393	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>284</b>	CCV-E	ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>225</b>		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>179</b>		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>168</b>	CCV-E	ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>216</b>		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
65-85-0	Benzoic acid	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR



## Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>76.0</b>	CCV-E, J	ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
105-60-2	Caprolactam	ND		ug/kg dry	98.0	196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
86-74-8	Carbazole	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
218-01-9	<b>Chrysene</b>	<b>292</b>		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>92.5</b>	CCV-E, J	ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
206-44-0	<b>Fluoranthene</b>	<b>594</b>		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
86-73-7	Fluorene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>165</b>	CCV-E	ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
78-59-1	Isophorone	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR



## Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
85-01-8	<b>Phenanthrene</b>	<b>312</b>		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
108-95-2	Phenol	ND		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
129-00-0	<b>Pyrene</b>	<b>414</b>		ug/kg dry	49.1	98.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 20:55	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	51.5 %			20-108						
4165-62-2	Surrogate: Phenol-d5	60.6 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	54.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	56.4 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	54.0 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	42.9 %			24-116						

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	<b>4,4'-DDD</b>	<b>6.63</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
72-55-9	<b>4,4'-DDE</b>	<b>31.0</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
50-29-3	<b>4,4'-DDT</b>	<b>63.4</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
5103-71-9	<b>alpha-Chlordane</b>	<b>6.50</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 22:47	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
57-74-9	<b>Chlordane, total</b>	<b>108</b>		ug/kg dry	77.6	77.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC



### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
60-57-1	<b>Dieldrin</b>	<b>4.48</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
72-20-8	Endrin	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
5566-34-7	<b>gamma-Chlordane</b>	<b>4.71</b>		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 22:47	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	9.70	9.70	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	98.2	98.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 22:47	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.1 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	108 %			30-140						

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:54	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:54	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:54	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:54	AMC



### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:54	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:54	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 13:54	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	0.0196	1	EPA 8082A Certifications:	05/17/2016 07:10	05/18/2016 13:54	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	67.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	83.5 %	30-140								

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>12000</b>		mg/kg dry	5.88	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-38-2	<b>Arsenic</b>	<b>5.93</b>		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-39-3	<b>Barium</b>	<b>216</b>		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-41-7	<b>Beryllium</b>	<b>0.328</b>		mg/kg dry	0.118	0.118	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.353	0.353	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-70-2	<b>Calcium</b>	<b>26000</b>		mg/kg dry	0.588	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-47-3	<b>Chromium</b>	<b>19.0</b>		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-48-4	<b>Cobalt</b>	<b>5.06</b>		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-50-8	<b>Copper</b>	<b>13.9</b>		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7439-89-6	<b>Iron</b>	<b>17500</b>		mg/kg dry	2.35	2.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7439-92-1	<b>Lead</b>	<b>159</b>		mg/kg dry	0.353	0.353	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7439-95-4	<b>Magnesium</b>	<b>3430</b>		mg/kg dry	5.88	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7439-96-5	<b>Manganese</b>	<b>254</b>		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD



### Sample Information

**Client Sample ID:** 2SB-03 0-2

**York Sample ID:** 16E0539-06

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	11.3		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-09-7	Potassium	1840		mg/kg dry	5.88	5.88	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-22-4	Silver	ND		mg/kg dry	0.588	0.588	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-23-5	Sodium	423		mg/kg dry	11.8	11.8	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-62-2	Vanadium	31.4		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD
7440-66-6	Zinc	121		mg/kg dry	1.18	1.18	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:42	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.221		mg/kg dry	0.0353	0.0353	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/13/2016 06:30	05/13/2016 12:24	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.1		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:26	05/17/2016 19:01	LAB

### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	86	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
67-64-1	Acetone	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/16/2016 08:25	05/16/2016 19:29	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	05/16/2016 08:25	05/16/2016 19:29	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	4.3	8.6	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2016 08:25	05/16/2016 19:29	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 08:25	05/16/2016 19:29	BK

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0 *Surrogate: 1,2-Dichloroethane-d4*

103 %

77-125

2037-26-5 *Surrogate: Toluene-d8*

100 %

85-120

460-00-4 *Surrogate: p-Bromofluorobenzene*

101 %

76-130

**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
83-32-9	Acenaphthene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
98-86-2	Acetophenone	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
62-53-3	Aniline	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
120-12-7	Anthracene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
1912-24-9	Atrazine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
100-52-7	Benzaldehyde	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
92-87-5	Benzidine	ND		ug/kg dry	179	358	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
65-85-0	Benzoic acid	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
105-60-2	Caprolactam	ND		ug/kg dry	89.3	178	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
86-74-8	Carbazole	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
218-01-9	Chrysene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
206-44-0	Fluoranthene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
86-73-7	Fluorene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
78-59-1	Isophorone	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Semi-Volatiles, 8270 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
108-95-2	Phenol	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
129-00-0	Pyrene	ND		ug/kg dry	44.8	89.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2016 07:23	05/17/2016 19:51	SR
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
367-12-4	Surrogate: 2-Fluorophenol	45.6 %			20-108						
4165-62-2	Surrogate: Phenol-d5	52.3 %			23-114						
4165-60-0	Surrogate: Nitrobenzene-d5	47.2 %			22-108						
321-60-8	Surrogate: 2-Fluorobiphenyl	48.3 %			21-113						
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.9 %			19-110						
1718-51-0	Surrogate: Terphenyl-d14	38.3 %			24-116						

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 18:17	AMC
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
57-74-9	Chlordane, total	ND		ug/kg dry	70.7	70.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

York Project (SDG) No.

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16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/17/2016 07:10	05/17/2016 18:17	AMC
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
72-43-5	Methoxychlor	ND		ug/kg dry	8.83	8.83	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
8001-35-2	Toxaphene	ND		ug/kg dry	89.4	89.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2016 07:10	05/17/2016 18:17	AMC
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %			30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	111 %			30-140						

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 14:23	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 14:23	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 14:23	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 14:23	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 14:23	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 14:23	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/17/2016 07:10	05/18/2016 14:23	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	0.0178	1	EPA 8082A Certifications:	05/17/2016 07:10	05/18/2016 14:23	AMC



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

York Project (SDG) No.

Client Project ID

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16E0539

EB15157A

Soil

May 10, 2016 3:00 pm

05/12/2016

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
877-09-8	Surrogate: Tetrachloro-m-xylene	74.5 %									
2051-24-3	Surrogate: Decachlorobiphenyl	82.5 %									

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>5250</b>		mg/kg dry	5.35	5.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.535	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-38-2	<b>Arsenic</b>	<b>1.68</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-39-3	<b>Barium</b>	<b>37.8</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.321	0.321	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-70-2	<b>Calcium</b>	<b>1670</b>		mg/kg dry	0.535	5.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-47-3	<b>Chromium</b>	<b>14.6</b>		mg/kg dry	0.535	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-48-4	<b>Cobalt</b>	<b>5.16</b>		mg/kg dry	0.535	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-50-8	<b>Copper</b>	<b>12.0</b>		mg/kg dry	0.535	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7439-89-6	<b>Iron</b>	<b>14700</b>		mg/kg dry	2.14	2.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7439-92-1	<b>Lead</b>	<b>3.33</b>		mg/kg dry	0.321	0.321	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7439-95-4	<b>Magnesium</b>	<b>1290</b>		mg/kg dry	5.35	5.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7439-96-5	<b>Manganese</b>	<b>320</b>		mg/kg dry	0.535	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-02-0	<b>Nickel</b>	<b>14.1</b>		mg/kg dry	0.535	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-09-7	<b>Potassium</b>	<b>722</b>		mg/kg dry	5.35	5.35	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7782-49-2	<b>Selenium</b>	<b>1.36</b>		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD



### Sample Information

**Client Sample ID:** 2SB-03 14-16

**York Sample ID:** 16E0539-07

<u>York Project (SDG) No.</u> 16E0539	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.535	0.535	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-23-5	Sodium	123		mg/kg dry	10.7	10.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-62-2	Vanadium	23.6		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD
7440-66-6	Zinc	18.4		mg/kg dry	1.07	1.07	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/13/2016 10:34	05/13/2016 22:47	ALD

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	0.0321	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/13/2016 06:30	05/13/2016 12:33	ALD

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.4		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	05/17/2016 14:26	05/17/2016 19:01	LAB



## Analytical Batch Summary

**Batch ID:** BE60658      **Preparation Method:** EPA 7473 soil      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-01	2SB-01 0-2	05/13/16
16E0539-03	2SB-01 14-16	05/13/16
16E0539-04	2SB-02 0-2	05/13/16
16E0539-05	2SB-02 14-16	05/13/16
16E0539-06	2SB-03 0-2	05/13/16
16E0539-07	2SB-03 14-16	05/13/16
BE60658-BLK1	Blank	05/13/16
BE60658-SRM1	Reference	05/13/16

**Batch ID:** BE60697      **Preparation Method:** EPA 3050B      **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-01	2SB-01 0-2	05/13/16
16E0539-03	2SB-01 14-16	05/13/16
16E0539-04	2SB-02 0-2	05/13/16
16E0539-05	2SB-02 14-16	05/13/16
16E0539-06	2SB-03 0-2	05/13/16
16E0539-07	2SB-03 14-16	05/13/16
BE60697-BLK1	Blank	05/13/16
BE60697-SRM1	Reference	05/13/16

**Batch ID:** BE60740      **Preparation Method:** EPA 3550C      **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-01	2SB-01 0-2	05/16/16
16E0539-02	2SB-01 10-10.5	05/16/16
16E0539-03	2SB-01 14-16	05/16/16
16E0539-04	2SB-02 0-2	05/16/16
16E0539-05	2SB-02 14-16	05/16/16
16E0539-06	2SB-03 0-2	05/16/16
16E0539-07	2SB-03 14-16	05/16/16
BE60740-BLK1	Blank	05/16/16
BE60740-BS1	LCS	05/16/16

**Batch ID:** BE60748      **Preparation Method:** EPA 5035A      **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-07	2SB-03 14-16	05/16/16
BE60748-BLK1	Blank	05/16/16
BE60748-BS1	LCS	05/16/16
BE60748-BSD1	LCS Dup	05/16/16

**Batch ID:** BE60814      **Preparation Method:** EPA 3550C      **Prepared By:** KNN



YORK Sample ID	Client Sample ID	Preparation Date
16E0539-01	2SB-01 0-2	05/17/16
16E0539-01	2SB-01 0-2	05/17/16
16E0539-02	2SB-01 10-10.5	05/17/16
16E0539-03	2SB-01 14-16	05/17/16
16E0539-03	2SB-01 14-16	05/17/16
16E0539-04	2SB-02 0-2	05/17/16
16E0539-04	2SB-02 0-2	05/17/16
16E0539-05	2SB-02 14-16	05/17/16
16E0539-05	2SB-02 14-16	05/17/16
16E0539-06	2SB-03 0-2	05/17/16
16E0539-06	2SB-03 0-2	05/17/16
16E0539-07	2SB-03 14-16	05/17/16
16E0539-07	2SB-03 14-16	05/17/16
BE60814-BLK1	Blank	05/17/16
BE60814-BLK2	Blank	05/17/16
BE60814-BS1	LCS	05/17/16
BE60814-BS2	LCS	05/17/16
BE60814-BSD1	LCS Dup	05/17/16
BE60814-BSD2	LCS Dup	05/17/16

**Batch ID:** BE60844      **Preparation Method:** % Solids Prep      **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-03	2SB-01 14-16	05/17/16
16E0539-04	2SB-02 0-2	05/17/16
16E0539-05	2SB-02 14-16	05/17/16
16E0539-06	2SB-03 0-2	05/17/16
16E0539-07	2SB-03 14-16	05/17/16

**Batch ID:** BE60878      **Preparation Method:** EPA 5035A      **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-02	2SB-01 10-10.5	05/18/16
16E0539-03	2SB-01 14-16	05/18/16
16E0539-04	2SB-02 0-2	05/18/16
16E0539-05	2SB-02 14-16	05/18/16
16E0539-06	2SB-03 0-2	05/18/16
BE60878-BLK1	Blank	05/18/16
BE60878-BS1	LCS	05/18/16
BE60878-BSD1	LCS Dup	05/18/16

**Batch ID:** BE60916      **Preparation Method:** % Solids Prep      **Prepared By:** TJM

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-01	2SB-01 0-2	05/18/16
16E0539-02	2SB-01 10-10.5	05/18/16



**Batch ID:** BE60957

**Preparation Method:** EPA 5035A

**Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16E0539-01	2SB-01 0-2	05/19/16
16E0539-02RE1	2SB-01 10-10.5	05/19/16
BE60957-BLK1	Blank	05/19/16
BE60957-BLK2	Blank	05/19/16
BE60957-BS1	LCS	05/19/16
BE60957-BSD1	LCS Dup	05/19/16



**Volatile Organic Compounds by GC/MS - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BE60748 - EPA 5035A**

**Blank (BE60748-BLK1)**

Prepared & Analyzed: 05/16/2016

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike	Source*	%REC	%REC	Flag	RPD	
		Limit	Units						Level	Result

**Batch BE60748 - EPA 5035A**

**Blank (BE60748-BLK1)**

Prepared & Analyzed: 05/16/2016

n-Propylbenzene	ND	5.0	ug/kg wet							
o-Xylene	ND	5.0	"							
p- & m- Xylenes	ND	10	"							
p-Isopropyltoluene	ND	5.0	"							
sec-Butylbenzene	ND	5.0	"							
Styrene	ND	5.0	"							
tert-Butyl alcohol (TBA)	ND	10	"							
tert-Butylbenzene	ND	5.0	"							
Tetrachloroethylene	ND	5.0	"							
Toluene	ND	5.0	"							
trans-1,2-Dichloroethylene	ND	5.0	"							
trans-1,3-Dichloropropylene	ND	5.0	"							
Trichloroethylene	ND	5.0	"							
Trichlorofluoromethane	ND	5.0	"							
Vinyl Chloride	ND	5.0	"							
Xylenes, Total	ND	15	"							

<i>Surrogate: 1,2-Dichloroethane-d4</i>	49.1		ug/L	50.0	98.3	77-125				
<i>Surrogate: Toluene-d8</i>	50.3		"	50.0	101	85-120				
<i>Surrogate: p-Bromofluorobenzene</i>	50.2		"	50.0	100	76-130				

**LCS (BE60748-BS1)**

Prepared & Analyzed: 05/16/2016

1,1,1,2-Tetrachloroethane	55		ug/L	50.0	110	75-129				
1,1,1-Trichloroethane	58		"	50.0	117	71-137				
1,1,2,2-Tetrachloroethane	52		"	50.0	105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0	109	58-146				
1,1,2-Trichloroethane	55		"	50.0	110	83-123				
1,1-Dichloroethane	55		"	50.0	110	75-130				
1,1-Dichloroethylene	52		"	50.0	104	64-137				
1,2,3-Trichlorobenzene	56		"	50.0	113	81-140				
1,2,3-Trichloropropane	54		"	50.0	108	81-126				
1,2,4-Trichlorobenzene	56		"	50.0	113	80-141				
1,2,4-Trimethylbenzene	56		"	50.0	112	84-125				
1,2-Dibromo-3-chloropropane	46		"	50.0	93.0	74-142				
1,2-Dibromoethane	55		"	50.0	109	86-123				
1,2-Dichlorobenzene	52		"	50.0	104	85-122				
1,2-Dichloroethane	54		"	50.0	107	71-133				
1,2-Dichloropropane	52		"	50.0	103	81-122				
1,3,5-Trimethylbenzene	56		"	50.0	112	82-126				
1,3-Dichlorobenzene	54		"	50.0	108	84-124				
1,4-Dichlorobenzene	54		"	50.0	107	84-124				
1,4-Dioxane	980		"	1000	97.7	10-228				
2-Butanone	53		"	50.0	106	58-147				
2-Hexanone	48		"	50.0	95.0	70-139				
4-Methyl-2-pentanone	49		"	50.0	98.0	72-132				
Acetone	46		"	50.0	91.7	36-155				
Acrolein	45		"	50.0	90.6	10-238				
Acrylonitrile	49		"	50.0	97.2	66-141				
Benzene	56		"	50.0	113	77-127				
Bromochloromethane	55		"	50.0	109	74-129				
Bromodichloromethane	55		"	50.0	110	81-124				
Bromoform	56		"	50.0	112	80-136				
Bromomethane	55		"	50.0	110	32-177				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Limit	Flag
		Limit			Result					RPD		

**Batch BE60748 - EPA 5035A**

**LCS (BE60748-BS1)**

Prepared & Analyzed: 05/16/2016

Carbon disulfide	55		ug/L	50.0		109		10-136				
Carbon tetrachloride	57		"	50.0		114		66-143				
Chlorobenzene	52		"	50.0		104		86-120				
Chloroethane	50		"	50.0		99.4		51-142				
Chloroform	56		"	50.0		111		76-131				
Chloromethane	48		"	50.0		97.0		49-132				
cis-1,2-Dichloroethylene	56		"	50.0		112		74-132				
cis-1,3-Dichloropropylene	55		"	50.0		109		81-129				
Cyclohexane	49		"	50.0		98.2		70-130				
Dibromochloromethane	54		"	50.0		108		10-200				
Dibromomethane	52		"	50.0		104		83-124				
Dichlorodifluoromethane	46		"	50.0		91.9		28-158				
Ethyl Benzene	56		"	50.0		112		84-125				
Hexachlorobutadiene	56		"	50.0		112		83-133				
Isopropylbenzene	53		"	50.0		105		81-127				
Methyl acetate	48		"	50.0		95.1		41-143				
Methyl tert-butyl ether (MTBE)	55		"	50.0		110		74-131				
Methylcyclohexane	48		"	50.0		95.7		70-130				
Methylene chloride	48		"	50.0		95.7		57-141				
n-Butylbenzene	56		"	50.0		112		80-130				
n-Propylbenzene	51		"	50.0		102		74-136				
o-Xylene	52		"	50.0		104		83-123				
p- & m- Xylenes	110		"	100		109		82-128				
p-Isopropyltoluene	58		"	50.0		116		85-125				
sec-Butylbenzene	53		"	50.0		105		83-125				
Styrene	60		"	50.0		120		86-126				
tert-Butyl alcohol (TBA)	44		"	50.0		87.0		70-130				
tert-Butylbenzene	53		"	50.0		105		80-127				
Tetrachloroethylene	57		"	50.0		114		80-129				
Toluene	54		"	50.0		107		85-121				
trans-1,2-Dichloroethylene	53		"	50.0		107		72-132				
trans-1,3-Dichloropropylene	54		"	50.0		108		78-132				
Trichloroethylene	53		"	50.0		105		84-123				
Trichlorofluoromethane	57		"	50.0		114		62-140				
Vinyl Chloride	54		"	50.0		107		52-130				
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.6</i>		<i>"</i>	<i>50.0</i>		<i>97.1</i>		<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.6</i>		<i>"</i>	<i>50.0</i>		<i>101</i>		<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>50.4</i>		<i>"</i>	<i>50.0</i>		<i>101</i>		<i>76-130</i>				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
<b>Batch BE60748 - EPA 5035A</b>										
<b>LCS Dup (BE60748-BSD1)</b>										
Prepared & Analyzed: 05/16/2016										
1,1,1,2-Tetrachloroethane	60		ug/L	50.0		119	75-129		7.73	30
1,1,1-Trichloroethane	65		"	50.0		131	71-137		11.2	30
1,1,2,2-Tetrachloroethane	57		"	50.0		115	79-129		9.44	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60		"	50.0		120	58-146		9.28	30
1,1,2-Trichloroethane	54		"	50.0		108	83-123		1.29	30
1,1-Dichloroethane	61		"	50.0		122	75-130		10.4	30
1,1-Dichloroethylene	60		"	50.0		120	64-137		14.5	30
1,2,3-Trichlorobenzene	59		"	50.0		118	81-140		4.80	30
1,2,3-Trichloropropane	61		"	50.0		122	81-126		12.1	30
1,2,4-Trichlorobenzene	60		"	50.0		120	80-141		6.76	30
1,2,4-Trimethylbenzene	60		"	50.0		119	84-125		6.47	30
1,2-Dibromo-3-chloropropane	50		"	50.0		101	74-142		7.91	30
1,2-Dibromoethane	59		"	50.0		118	86-123		7.29	30
1,2-Dichlorobenzene	56		"	50.0		112	85-122		7.05	30
1,2-Dichloroethane	63		"	50.0		126	71-133		16.2	30
1,2-Dichloropropane	56		"	50.0		112	81-122		8.05	30
1,3,5-Trimethylbenzene	58		"	50.0		117	82-126		3.76	30
1,3-Dichlorobenzene	58		"	50.0		116	84-124		7.14	30
1,4-Dichlorobenzene	60		"	50.0		121	84-124		12.1	30
1,4-Dioxane	1200		"	1000		122	10-228		22.3	30
2-Butanone	61		"	50.0		121	58-147		12.9	30
2-Hexanone	52		"	50.0		104	70-139		8.97	30
4-Methyl-2-pentanone	54		"	50.0		108	72-132		9.21	30
Acetone	48		"	50.0		96.9	36-155		5.56	30
Acrolein	46		"	50.0		91.8	10-238		1.23	30
Acrylonitrile	49		"	50.0		98.4	66-141		1.19	30
Benzene	64		"	50.0		128	77-127	High Bias	12.8	30
Bromochloromethane	60		"	50.0		120	74-129		9.08	30
Bromodichloromethane	56		"	50.0		113	81-124		2.68	30
Bromoform	60		"	50.0		120	80-136		7.07	30
Bromomethane	61		"	50.0		122	32-177		10.4	30
Carbon disulfide	59		"	50.0		118	10-136		8.21	30
Carbon tetrachloride	67		"	50.0		134	66-143		16.4	30
Chlorobenzene	57		"	50.0		113	86-120		8.40	30
Chloroethane	57		"	50.0		114	51-142		13.8	30
Chloroform	63		"	50.0		126	76-131		12.0	30
Chloromethane	52		"	50.0		105	49-132		7.83	30
cis-1,2-Dichloroethylene	63		"	50.0		127	74-132		12.3	30
cis-1,3-Dichloropropylene	59		"	50.0		119	81-129		8.31	30
Cyclohexane	55		"	50.0		110	70-130		10.9	30
Dibromochloromethane	59		"	50.0		119	10-200		9.41	30
Dibromomethane	57		"	50.0		115	83-124		9.70	30
Dichlorodifluoromethane	51		"	50.0		103	28-158		11.2	30
Ethyl Benzene	58		"	50.0		116	84-125		3.44	30
Hexachlorobutadiene	56		"	50.0		112	83-133		0.518	30
Isopropylbenzene	57		"	50.0		114	81-127		8.17	30
Methyl acetate	53		"	50.0		106	41-143		10.5	30
Methyl tert-butyl ether (MTBE)	64		"	50.0		127	74-131		14.5	30
Methylcyclohexane	51		"	50.0		101	70-130		5.72	30
Methylene chloride	57		"	50.0		114	57-141		17.3	30
n-Butylbenzene	57		"	50.0		114	80-130		2.55	30



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE60748 - EPA 5035A

LCS Dup (BE60748-BSD1)

Prepared & Analyzed: 05/16/2016

n-Propylbenzene	55		ug/L	50.0		109	74-136		6.37	30	
o-Xylene	55		"	50.0		111	83-123		5.67	30	
p- & m- Xylenes	120		"	100		117	82-128		6.86	30	
p-Isopropyltoluene	60		"	50.0		121	85-125		4.25	30	
sec-Butylbenzene	55		"	50.0		109	83-125		3.47	30	
Styrene	64		"	50.0		127	86-126	High Bias	5.92	30	
tert-Butyl alcohol (TBA)	52		"	50.0		105	70-130		18.4	30	
tert-Butylbenzene	54		"	50.0		108	80-127		2.87	30	
Tetrachloroethylene	63		"	50.0		126	80-129		10.2	30	
Toluene	57		"	50.0		114	85-121		5.60	30	
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132		11.2	30	
trans-1,3-Dichloropropylene	59		"	50.0		118	78-132		8.84	30	
Trichloroethylene	58		"	50.0		117	84-123		10.4	30	
Trichlorofluoromethane	61		"	50.0		122	62-140		7.18	30	
Vinyl Chloride	61		"	50.0		123	52-130		13.6	30	
Surrogate: 1,2-Dichloroethane-d4	50.5		"	50.0		101	77-125				
Surrogate: Toluene-d8	50.6		"	50.0		101	85-120				
Surrogate: p-Bromofluorobenzene	50.8		"	50.0		102	76-130				

Batch BE60878 - EPA 5035A

Blank (BE60878-BLK1)

Prepared & Analyzed: 05/18/2016

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD	Flag
		Limit								Limit	

**Batch BE60878 - EPA 5035A**

**Blank (BE60878-BLK1)**

Prepared & Analyzed: 05/18/2016

Bromomethane	ND	5.0	ug/kg wet								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	10	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.2</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.8</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.3</i>		<i>"</i>	<i>50.0</i>		<i>96.6</i>	<i>76-130</i>				



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit

**Batch BE60878 - EPA 5035A**

**LCS (BE60878-BS1)**

Prepared & Analyzed: 05/18/2016

1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	75-129			
1,1,1-Trichloroethane	53		"	50.0		107	71-137			
1,1,2,2-Tetrachloroethane	58		"	50.0		116	79-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		99.0	58-146			
1,1,2-Trichloroethane	56		"	50.0		111	83-123			
1,1-Dichloroethane	53		"	50.0		107	75-130			
1,1-Dichloroethylene	56		"	50.0		111	64-137			
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140			
1,2,3-Trichloropropane	57		"	50.0		114	81-126			
1,2,4-Trichlorobenzene	55		"	50.0		110	80-141			
1,2,4-Trimethylbenzene	57		"	50.0		114	84-125			
1,2-Dibromo-3-chloropropane	51		"	50.0		101	74-142			
1,2-Dibromoethane	54		"	50.0		107	86-123			
1,2-Dichlorobenzene	51		"	50.0		102	85-122			
1,2-Dichloroethane	54		"	50.0		107	71-133			
1,2-Dichloropropane	53		"	50.0		107	81-122			
1,3,5-Trimethylbenzene	56		"	50.0		113	82-126			
1,3-Dichlorobenzene	51		"	50.0		102	84-124			
1,4-Dichlorobenzene	50		"	50.0		101	84-124			
1,4-Dioxane	1100		"	1000		112	10-228			
2-Butanone	55		"	50.0		111	58-147			
2-Hexanone	59		"	50.0		118	70-139			
4-Methyl-2-pentanone	55		"	50.0		110	72-132			
Acetone	52		"	50.0		104	36-155			
Acrolein	100		"	50.0		205	10-238			
Acrylonitrile	59		"	50.0		118	66-141			
Benzene	57		"	50.0		113	77-127			
Bromochloromethane	54		"	50.0		108	74-129			
Bromodichloromethane	56		"	50.0		113	81-124			
Bromoform	58		"	50.0		116	80-136			
Bromomethane	55		"	50.0		110	32-177			
Carbon disulfide	57		"	50.0		114	10-136			
Carbon tetrachloride	56		"	50.0		111	66-143			
Chlorobenzene	52		"	50.0		104	86-120			
Chloroethane	57		"	50.0		114	51-142			
Chloroform	55		"	50.0		109	76-131			
Chloromethane	52		"	50.0		104	49-132			
cis-1,2-Dichloroethylene	52		"	50.0		103	74-132			
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129			
Cyclohexane	50		"	50.0		99.6	70-130			
Dibromochloromethane	55		"	50.0		109	10-200			
Dibromomethane	53		"	50.0		106	83-124			
Dichlorodifluoromethane	49		"	50.0		98.8	28-158			
Ethyl Benzene	54		"	50.0		107	84-125			
Hexachlorobutadiene	52		"	50.0		105	83-133			
Isopropylbenzene	53		"	50.0		106	81-127			
Methyl acetate	49		"	50.0		98.1	41-143			
Methyl tert-butyl ether (MTBE)	55		"	50.0		109	74-131			
Methylcyclohexane	50		"	50.0		101	70-130			
Methylene chloride	52		"	50.0		105	57-141			
n-Butylbenzene	56		"	50.0		112	80-130			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE60878 - EPA 5035A

LCS (BE60878-BS1)

Prepared & Analyzed: 05/18/2016

n-Propylbenzene	53		ug/L	50.0		105	74-136				
o-Xylene	51		"	50.0		101	83-123				
p- & m- Xylenes	100		"	100		104	82-128				
p-Isopropyltoluene	56		"	50.0		112	85-125				
sec-Butylbenzene	52		"	50.0		103	83-125				
Styrene	57		"	50.0		114	86-126				
tert-Butyl alcohol (TBA)	50		"	50.0		100	70-130				
tert-Butylbenzene	53		"	50.0		107	80-127				
Tetrachloroethylene	54		"	50.0		109	80-129				
Toluene	53		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	54		"	50.0		109	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		110	78-132				
Trichloroethylene	53		"	50.0		106	84-123				
Trichlorofluoromethane	49		"	50.0		98.6	62-140				
Vinyl Chloride	53		"	50.0		107	52-130				
Surrogate: 1,2-Dichloroethane-d4	48.3		"	50.0		96.6	77-125				
Surrogate: Toluene-d8	50.1		"	50.0		100	85-120				
Surrogate: p-Bromofluorobenzene	49.3		"	50.0		98.6	76-130				

LCS Dup (BE60878-BSD1)

Prepared & Analyzed: 05/18/2016

1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	75-129		0.370	30	
1,1,1-Trichloroethane	54		"	50.0		107	71-137		0.710	30	
1,1,2,2-Tetrachloroethane	56		"	50.0		111	79-129		4.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.9	58-146		0.0606	30	
1,1,2-Trichloroethane	54		"	50.0		108	83-123		2.63	30	
1,1-Dichloroethane	53		"	50.0		105	75-130		1.21	30	
1,1-Dichloroethylene	51		"	50.0		103	64-137		8.13	30	
1,2,3-Trichlorobenzene	54		"	50.0		108	81-140		2.29	30	
1,2,3-Trichloropropane	57		"	50.0		114	81-126		0.473	30	
1,2,4-Trichlorobenzene	56		"	50.0		112	80-141		1.28	30	
1,2,4-Trimethylbenzene	57		"	50.0		115	84-125		0.594	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		108	74-142		6.35	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		0.818	30	
1,2-Dichlorobenzene	50		"	50.0		101	85-122		1.70	30	
1,2-Dichloroethane	52		"	50.0		103	71-133		3.76	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		1.10	30	
1,3,5-Trimethylbenzene	57		"	50.0		114	82-126		1.16	30	
1,3-Dichlorobenzene	52		"	50.0		104	84-124		1.71	30	
1,4-Dichlorobenzene	51		"	50.0		102	84-124		1.11	30	
1,4-Dioxane	1000		"	1000		104	10-228		7.11	30	
2-Butanone	53		"	50.0		107	58-147		3.72	30	
2-Hexanone	58		"	50.0		116	70-139		2.14	30	
4-Methyl-2-pentanone	54		"	50.0		109	72-132		1.19	30	
Acetone	53		"	50.0		105	36-155		1.44	30	
Acrolein	99		"	50.0		197	10-238		4.02	30	
Acrylonitrile	56		"	50.0		112	66-141		4.63	30	
Benzene	56		"	50.0		111	77-127		1.89	30	
Bromochloromethane	54		"	50.0		108	74-129		0.278	30	
Bromodichloromethane	58		"	50.0		116	81-124		3.05	30	
Bromoform	59		"	50.0		117	80-136		0.889	30	
Bromomethane	54		"	50.0		109	32-177		1.50	30	
Carbon disulfide	55		"	50.0		110	10-136		3.85	30	



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level

**Batch BE60878 - EPA 5035A**

**LCS Dup (BE60878-BSD1)**

Prepared & Analyzed: 05/18/2016

Carbon tetrachloride	55		ug/L	50.0	111	66-143		0.487	30
Chlorobenzene	52		"	50.0	103	86-120		1.17	30
Chloroethane	58		"	50.0	115	51-142		0.856	30
Chloroform	54		"	50.0	109	76-131		0.367	30
Chloromethane	51		"	50.0	102	49-132		1.78	30
cis-1,2-Dichloroethylene	52		"	50.0	104	74-132		1.21	30
cis-1,3-Dichloropropylene	56		"	50.0	112	81-129		1.48	30
Cyclohexane	51		"	50.0	101	70-130		1.51	30
Dibromochloromethane	55		"	50.0	110	10-200		1.13	30
Dibromomethane	54		"	50.0	109	83-124		2.74	30
Dichlorodifluoromethane	44		"	50.0	88.8	28-158		10.6	30
Ethyl Benzene	55		"	50.0	109	84-125		2.00	30
Hexachlorobutadiene	53		"	50.0	105	83-133		0.743	30
Isopropylbenzene	54		"	50.0	108	81-127		2.37	30
Methyl acetate	48		"	50.0	95.9	41-143		2.31	30
Methyl tert-butyl ether (MTBE)	53		"	50.0	106	74-131		2.73	30
Methylcyclohexane	50		"	50.0	101	70-130		0.00	30
Methylene chloride	52		"	50.0	105	57-141		0.325	30
n-Butylbenzene	55		"	50.0	110	80-130		1.89	30
n-Propylbenzene	54		"	50.0	107	74-136		1.73	30
o-Xylene	52		"	50.0	103	83-123		1.92	30
p- & m- Xylenes	110		"	100	106	82-128		1.30	30
p-Isopropyltoluene	59		"	50.0	118	85-125		5.49	30
sec-Butylbenzene	53		"	50.0	106	83-125		2.47	30
Styrene	58		"	50.0	116	86-126		1.58	30
tert-Butyl alcohol (TBA)	50		"	50.0	99.8	70-130		0.639	30
tert-Butylbenzene	54		"	50.0	109	80-127		1.80	30
Tetrachloroethylene	54		"	50.0	109	80-129		0.0184	30
Toluene	54		"	50.0	107	85-121		0.788	30
trans-1,2-Dichloroethylene	53		"	50.0	107	72-132		1.97	30
trans-1,3-Dichloropropylene	55		"	50.0	110	78-132		0.182	30
Trichloroethylene	52		"	50.0	105	84-123		1.53	30
Trichlorofluoromethane	49		"	50.0	97.3	62-140		1.31	30
Vinyl Chloride	51		"	50.0	102	52-130		4.15	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>48.5</i>		<i>"</i>	<i>50.0</i>	<i>97.1</i>	<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>"</i>	<i>50.0</i>	<i>100</i>	<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>	<i>102</i>	<i>76-130</i>			



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

**Batch BE60957 - EPA 5035A**

**Blank (BE60957-BLK1)**

Prepared & Analyzed: 05/19/2016

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet
1,1,1-Trichloroethane	ND	5.0	"
1,1,2,2-Tetrachloroethane	ND	5.0	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"
1,1,2-Trichloroethane	ND	5.0	"
1,1-Dichloroethane	ND	5.0	"
1,1-Dichloroethylene	ND	5.0	"
1,2,3-Trichlorobenzene	ND	5.0	"
1,2,3-Trichloropropane	ND	5.0	"
1,2,4-Trichlorobenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,2-Dibromo-3-chloropropane	ND	5.0	"
1,2-Dibromoethane	ND	5.0	"
1,2-Dichlorobenzene	ND	5.0	"
1,2-Dichloroethane	ND	5.0	"
1,2-Dichloropropane	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	5.0	"
1,4-Dichlorobenzene	ND	5.0	"
1,4-Dioxane	ND	100	"
2-Butanone	ND	5.0	"
2-Hexanone	ND	5.0	"
4-Methyl-2-pentanone	ND	5.0	"
Acetone	ND	10	"
Acrolein	ND	10	"
Acrylonitrile	ND	5.0	"
Benzene	ND	5.0	"
Bromochloromethane	ND	5.0	"
Bromodichloromethane	ND	5.0	"
Bromoform	ND	5.0	"
Bromomethane	ND	5.0	"
Carbon disulfide	ND	5.0	"
Carbon tetrachloride	ND	5.0	"
Chlorobenzene	ND	5.0	"
Chloroethane	ND	5.0	"
Chloroform	ND	5.0	"
Chloromethane	ND	5.0	"
cis-1,2-Dichloroethylene	ND	5.0	"
cis-1,3-Dichloropropylene	ND	5.0	"
Cyclohexane	ND	5.0	"
Dibromochloromethane	ND	5.0	"
Dibromomethane	ND	5.0	"
Dichlorodifluoromethane	ND	5.0	"
Ethyl Benzene	ND	5.0	"
Hexachlorobutadiene	ND	5.0	"
Isopropylbenzene	ND	5.0	"
Methyl acetate	ND	5.0	"
Methyl tert-butyl ether (MTBE)	ND	5.0	"
Methylcyclohexane	ND	5.0	"
Methylene chloride	ND	10	"
n-Butylbenzene	ND	5.0	"



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								RPD			

**Batch BE60957 - EPA 5035A**

**Blank (BE60957-BLK1)**

Prepared & Analyzed: 05/19/2016

n-Propylbenzene	ND	5.0	ug/kg wet										
o-Xylene	ND	5.0	"										
p- & m- Xylenes	ND	10	"										
p-Isopropyltoluene	ND	5.0	"										
sec-Butylbenzene	ND	5.0	"										
Styrene	ND	5.0	"										
tert-Butyl alcohol (TBA)	ND	5.0	"										
tert-Butylbenzene	ND	5.0	"										
Tetrachloroethylene	ND	5.0	"										
Toluene	ND	5.0	"										
trans-1,2-Dichloroethylene	ND	5.0	"										
trans-1,3-Dichloropropylene	ND	5.0	"										
Trichloroethylene	ND	5.0	"										
Trichlorofluoromethane	ND	5.0	"										
Vinyl Chloride	ND	5.0	"										
Xylenes, Total	ND	15	"										

<i>Surrogate: 1,2-Dichloroethane-d4</i>	52.5		ug/L	50.0		105	77-125						
<i>Surrogate: Toluene-d8</i>	53.0		"	50.0		106	85-120						
<i>Surrogate: p-Bromofluorobenzene</i>	45.6		"	50.0		91.3	76-130						

**Blank (BE60957-BLK2)**

Prepared & Analyzed: 05/19/2016

1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet										
1,1,1-Trichloroethane	ND	5.0	"										
1,1,2,2-Tetrachloroethane	ND	5.0	"										
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"										
1,1,2-Trichloroethane	ND	5.0	"										
1,1-Dichloroethane	ND	5.0	"										
1,1-Dichloroethylene	ND	5.0	"										
1,2,3-Trichlorobenzene	ND	5.0	"										
1,2,3-Trichloropropane	ND	5.0	"										
1,2,4-Trichlorobenzene	ND	5.0	"										
1,2,4-Trimethylbenzene	ND	5.0	"										
1,2-Dibromo-3-chloropropane	ND	5.0	"										
1,2-Dibromoethane	ND	5.0	"										
1,2-Dichlorobenzene	ND	5.0	"										
1,2-Dichloroethane	ND	5.0	"										
1,2-Dichloropropane	ND	5.0	"										
1,3,5-Trimethylbenzene	ND	5.0	"										
1,3-Dichlorobenzene	ND	5.0	"										
1,4-Dichlorobenzene	ND	5.0	"										
1,4-Dioxane	ND	100	"										
2-Butanone	ND	5.0	"										
2-Hexanone	ND	5.0	"										
4-Methyl-2-pentanone	ND	5.0	"										
Acetone	ND	10	"										
Acrolein	ND	10	"										
Acrylonitrile	ND	5.0	"										
Benzene	ND	5.0	"										
Bromochloromethane	ND	5.0	"										
Bromodichloromethane	ND	5.0	"										
Bromoform	ND	5.0	"										
Bromomethane	ND	5.0	"										



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

**Batch BE60957 - EPA 5035A**

**Blank (BE60957-BLK2)**

Prepared & Analyzed: 05/19/2016

Carbon disulfide	ND	5.0	ug/kg wet								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>54.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>109</i>		<i>77-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.2</i>		<i>"</i>	<i>50.0</i>		<i>104</i>		<i>85-120</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>46.1</i>		<i>"</i>	<i>50.0</i>		<i>92.2</i>		<i>76-130</i>			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit

Batch BE60957 - EPA 5035A

LCS (BE60957-BS1)

Prepared & Analyzed: 05/19/2016

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	58		ug/L	50.0		117	75-129				
1,1,1-Trichloroethane	61		"	50.0		123	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58		"	50.0		115	58-146				
1,1,2-Trichloroethane	54		"	50.0		107	83-123				
1,1-Dichloroethane	54		"	50.0		108	75-130				
1,1-Dichloroethylene	59		"	50.0		118	64-137				
1,2,3-Trichlorobenzene	57		"	50.0		115	81-140				
1,2,3-Trichloropropane	54		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	61		"	50.0		121	80-141				
1,2,4-Trimethylbenzene	58		"	50.0		117	84-125				
1,2-Dibromo-3-chloropropane	65		"	50.0		130	74-142				
1,2-Dibromoethane	55		"	50.0		109	86-123				
1,2-Dichlorobenzene	56		"	50.0		112	85-122				
1,2-Dichloroethane	54		"	50.0		108	71-133				
1,2-Dichloropropane	50		"	50.0		100	81-122				
1,3,5-Trimethylbenzene	56		"	50.0		113	82-126				
1,3-Dichlorobenzene	60		"	50.0		119	84-124				
1,4-Dichlorobenzene	60		"	50.0		120	84-124				
1,4-Dioxane	1400		"	1000		139	10-228				
2-Butanone	51		"	50.0		102	58-147				
2-Hexanone	52		"	50.0		104	70-139				
4-Methyl-2-pentanone	51		"	50.0		102	72-132				
Acetone	48		"	50.0		97.0	36-155				
Acrolein	42		"	50.0		84.0	10-238				
Acrylonitrile	51		"	50.0		102	66-141				
Benzene	54		"	50.0		108	77-127				
Bromochloromethane	51		"	50.0		103	74-129				
Bromodichloromethane	58		"	50.0		115	81-124				
Bromoform	55		"	50.0		111	80-136				
Bromomethane	74		"	50.0		148	32-177				
Carbon disulfide	59		"	50.0		118	10-136				
Carbon tetrachloride	61		"	50.0		121	66-143				
Chlorobenzene	55		"	50.0		109	86-120				
Chloroethane	64		"	50.0		129	51-142				
Chloroform	59		"	50.0		117	76-131				
Chloromethane	69		"	50.0		137	49-132	High Bias			
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	54		"	50.0		108	81-129				
Cyclohexane	51		"	50.0		103	70-130				
Dibromochloromethane	58		"	50.0		116	10-200				
Dibromomethane	57		"	50.0		113	83-124				
Dichlorodifluoromethane	63		"	50.0		126	28-158				
Ethyl Benzene	55		"	50.0		110	84-125				
Hexachlorobutadiene	61		"	50.0		122	83-133				
Isopropylbenzene	57		"	50.0		114	81-127				
Methyl acetate	54		"	50.0		108	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		116	74-131				
Methylcyclohexane	54		"	50.0		108	70-130				
Methylene chloride	48		"	50.0		96.0	57-141				
n-Butylbenzene	58		"	50.0		116	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit							Units	Level
<b>Batch BE60957 - EPA 5035A</b>										
<b>LCS (BE60957-BS1)</b>										
Prepared & Analyzed: 05/19/2016										
n-Propylbenzene	57		ug/L	50.0	113	74-136				
o-Xylene	56		"	50.0	111	83-123				
p- & m- Xylenes	110		"	100	112	82-128				
p-Isopropyltoluene	58		"	50.0	117	85-125				
sec-Butylbenzene	57		"	50.0	114	83-125				
Styrene	56		"	50.0	111	86-126				
tert-Butyl alcohol (TBA)	56		"	50.0	111	70-130				
tert-Butylbenzene	59		"	50.0	117	80-127				
Tetrachloroethylene	58		"	50.0	115	80-129				
Toluene	55		"	50.0	110	85-121				
trans-1,2-Dichloroethylene	56		"	50.0	112	72-132				
trans-1,3-Dichloropropylene	56		"	50.0	112	78-132				
Trichloroethylene	59		"	50.0	118	84-123				
Trichlorofluoromethane	66		"	50.0	132	62-140				
Vinyl Chloride	63		"	50.0	126	52-130				
Surrogate: 1,2-Dichloroethane-d4	53.7		"	50.0	107	77-125				
Surrogate: Toluene-d8	52.2		"	50.0	104	85-120				
Surrogate: p-Bromofluorobenzene	50.0		"	50.0	100	76-130				
<b>LCS Dup (BE60957-BSD1)</b>										
Prepared & Analyzed: 05/19/2016										
1,1,1,2-Tetrachloroethane	58		ug/L	50.0	117	75-129	0.103		30	
1,1,1-Trichloroethane	54		"	50.0	107	71-137	13.5		30	
1,1,2,2-Tetrachloroethane	51		"	50.0	101	79-129	4.96		30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0	99.5	58-146	14.5		30	
1,1,2-Trichloroethane	52		"	50.0	105	83-123	2.28		30	
1,1-Dichloroethane	47		"	50.0	94.2	75-130	13.4		30	
1,1-Dichloroethylene	49		"	50.0	98.8	64-137	17.6		30	
1,2,3-Trichlorobenzene	57		"	50.0	114	81-140	0.981		30	
1,2,3-Trichloropropane	53		"	50.0	107	81-126	0.764		30	
1,2,4-Trichlorobenzene	58		"	50.0	116	80-141	4.87		30	
1,2,4-Trimethylbenzene	54		"	50.0	108	84-125	7.99		30	
1,2-Dibromo-3-chloropropane	57		"	50.0	115	74-142	12.3		30	
1,2-Dibromoethane	54		"	50.0	107	86-123	1.98		30	
1,2-Dichlorobenzene	55		"	50.0	111	85-122	0.953		30	
1,2-Dichloroethane	49		"	50.0	98.2	71-133	9.50		30	
1,2-Dichloropropane	49		"	50.0	98.2	81-122	2.30		30	
1,3,5-Trimethylbenzene	54		"	50.0	107	82-126	5.12		30	
1,3-Dichlorobenzene	54		"	50.0	109	84-124	9.02		30	
1,4-Dichlorobenzene	57		"	50.0	114	84-124	5.20		30	
1,4-Dioxane	1100		"	1000	111	10-228	22.3		30	
2-Butanone	43		"	50.0	85.8	58-147	16.8		30	
2-Hexanone	47		"	50.0	93.8	70-139	10.7		30	
4-Methyl-2-pentanone	48		"	50.0	96.1	72-132	6.02		30	
Acetone	41		"	50.0	81.2	36-155	17.8		30	
Acrolein	41		"	50.0	81.5	10-238	3.02		30	
Acrylonitrile	47		"	50.0	94.1	66-141	7.80		30	
Benzene	47		"	50.0	94.8	77-127	12.8		30	
Bromochloromethane	44		"	50.0	88.7	74-129	14.8		30	
Bromodichloromethane	56		"	50.0	111	81-124	3.67		30	
Bromoform	56		"	50.0	112	80-136	1.51		30	
Bromomethane	55		"	50.0	109	32-177	30.1		30	Non-dir.
Carbon disulfide	49		"	50.0	98.8	10-136	18.0		30	



**Volatile Organic Compounds by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BE60957 - EPA 5035A</b>											
<b>LCS Dup (BE60957-BSD1)</b>											
Prepared & Analyzed: 05/19/2016											
Carbon tetrachloride	52		ug/L	50.0		104	66-143		15.5	30	
Chlorobenzene	55		"	50.0		109	86-120		0.385	30	
Chloroethane	42		"	50.0		83.9	51-142		42.3	30	Non-dir.
Chloroform	53		"	50.0		105	76-131		10.9	30	
Chloromethane	64		"	50.0		129	49-132		6.43	30	
cis-1,2-Dichloroethylene	52		"	50.0		105	74-132		8.58	30	
cis-1,3-Dichloropropylene	55		"	50.0		109	81-129		0.718	30	
Cyclohexane	41		"	50.0		81.0	70-130		23.6	30	
Dibromochloromethane	58		"	50.0		116	10-200		0.396	30	
Dibromomethane	54		"	50.0		108	83-124		4.63	30	
Dichlorodifluoromethane	57		"	50.0		115	28-158		9.23	30	
Ethyl Benzene	54		"	50.0		108	84-125		2.29	30	
Hexachlorobutadiene	57		"	50.0		115	83-133		5.86	30	
Isopropylbenzene	53		"	50.0		107	81-127		6.44	30	
Methyl acetate	41		"	50.0		82.1	41-143		26.8	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	74-131		14.6	30	
Methylcyclohexane	53		"	50.0		105	70-130		3.15	30	
Methylene chloride	42		"	50.0		83.9	57-141		13.4	30	
n-Butylbenzene	55		"	50.0		110	80-130		4.85	30	
n-Propylbenzene	53		"	50.0		107	74-136		5.71	30	
o-Xylene	56		"	50.0		111	83-123		0.108	30	
p- & m- Xylenes	110		"	100		110	82-128		1.44	30	
p-Isopropyltoluene	56		"	50.0		111	85-125		4.88	30	
sec-Butylbenzene	53		"	50.0		106	83-125		6.88	30	
Styrene	55		"	50.0		109	86-126		1.80	30	
tert-Butyl alcohol (TBA)	42		"	50.0		83.1	70-130		28.8	30	
tert-Butylbenzene	56		"	50.0		112	80-127		4.41	30	
Tetrachloroethylene	55		"	50.0		111	80-129		4.08	30	
Toluene	54		"	50.0		108	85-121		1.92	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.1	72-132		16.4	30	
trans-1,3-Dichloropropylene	55		"	50.0		111	78-132		0.736	30	
Trichloroethylene	56		"	50.0		112	84-123		5.37	30	
Trichlorofluoromethane	54		"	50.0		107	62-140		21.1	30	
Vinyl Chloride	60		"	50.0		119	52-130		5.62	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.4</i>		<i>"</i>	<i>50.0</i>		<i>98.7</i>	<i>77-125</i>				
<i>Surrogate: Toluene-d8</i>	<i>53.4</i>		<i>"</i>	<i>50.0</i>		<i>107</i>	<i>85-120</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.3</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>76-130</i>				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE60740 - EPA 3550C

Blank (BE60740-BLK1)

Prepared & Analyzed: 05/16/2016

1,1'-Biphenyl	ND	41.7	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.3	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,3,4,6-Tetrachlorophenol	ND	83.3	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3'-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acetophenone	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Anthracene	ND	41.7	"								
Atrazine	ND	41.7	"								
Benzaldehyde	ND	41.7	"								
Benzidine	ND	167	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

Batch BE60740 - EPA 3550C

Blank (BE60740-BLK1)

Prepared & Analyzed: 05/16/2016

Benzo(k)fluoranthene	ND	41.7	ug/kg wet								
Benzo(k)fluoranthene	ND	41.7	"								
Benzoic acid	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								
Caprolactam	ND	83.3	"								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Pyrene	ND	41.7	"								
Surrogate: 2-Fluorophenol	1590		"	2510		63.4		20-108			
Surrogate: Phenol-d5	1760		"	2510		70.1		23-114			
Surrogate: Nitrobenzene-d5	1050		"	1680		62.8		22-108			
Surrogate: Nitrobenzene-d5	1050		"	1680		62.8		22-108			
Surrogate: 2-Fluorobiphenyl	960		"	1670		57.6		21-113			
Surrogate: 2-Fluorobiphenyl	960		"	1670		57.6		21-113			
Surrogate: 2,4,6-Tribromophenol	1300		"	2510		51.8		19-110			
Surrogate: Terphenyl-d14	755		"	1680		45.0		24-116			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BE60740 - EPA 3550C</b>											
<b>Blank (BE60740-BLK1)</b>										Prepared & Analyzed: 05/16/2016	
<i>Surrogate: Terphenyl-d14</i>	755		ug/kg wet	1680		45.0	24-116				
<b>LCS (BE60740-BS1)</b>										Prepared & Analyzed: 05/16/2016	
1,1'-Biphenyl	913	41.7	ug/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	919	83.3	"	1670		55.1	10-144				
1,2,4-Trichlorobenzene	868	41.7	"	1670		52.1	23-130				
1,2-Dichlorobenzene	985	41.7	"	1670		59.1	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	997	41.7	"	1670		59.8	10-140				
1,3-Dichlorobenzene	1030	41.7	"	1670		61.5	32-113				
1,4-Dichlorobenzene	978	41.7	"	1670		58.7	28-111				
2,3,4,6-Tetrachlorophenol	832	83.3	"	1670		49.9	30-130				
2,4,5-Trichlorophenol	844	41.7	"	1670		50.6	14-138				
2,4,6-Trichlorophenol	920	41.7	"	1670		55.2	27-122				
2,4-Dichlorophenol	945	41.7	"	1670		56.7	23-133				
2,4-Dimethylphenol	989	41.7	"	1670		59.3	15-131				
2,4-Dinitrophenol	1210	83.3	"	1670		72.6	10-149				
2,4-Dinitrotoluene	1170	41.7	"	1670		70.2	30-123				
2,6-Dinitrotoluene	1110	41.7	"	1670		66.4	30-125				
2-Chloronaphthalene	994	41.7	"	1670		59.7	22-115				
2-Chlorophenol	1010	41.7	"	1670		60.7	25-121				
2-Methylnaphthalene	1000	41.7	"	1670		60.0	16-127				
2-Methylnaphthalene	1000	41.7	"	1670		60.0	16-127				
2-Methylphenol	961	41.7	"	1670		57.7	10-146				
2-Nitroaniline	1130	83.3	"	1670		68.0	24-126				
2-Nitrophenol	951	41.7	"	1670		57.1	17-129				
3- & 4-Methylphenols	1020	41.7	"	1670		61.4	20-109				
3,3'-Dichlorobenzidine	1300	41.7	"	1670		77.8	10-147				
3-Nitroaniline	1030	83.3	"	1670		62.0	23-123				
4,6-Dinitro-2-methylphenol	958	83.3	"	1670		57.5	10-149				
4-Bromophenyl phenyl ether	932	41.7	"	1670		55.9	30-138				
4-Chloro-3-methylphenol	995	41.7	"	1670		59.7	16-138				
4-Chloroaniline	865	41.7	"	1670		51.9	10-117				
4-Chlorophenyl phenyl ether	979	41.7	"	1670		58.8	18-132				
4-Nitroaniline	1210	83.3	"	1670		72.4	14-125				
4-Nitrophenol	883	83.3	"	1670		53.0	10-136				
Acenaphthene	1040	41.7	"	1670		62.4	17-124				
Acenaphthene	1040	41.7	"	1670		62.4	17-124				
Acenaphthylene	941	41.7	"	1670		56.4	16-124				
Acenaphthylene	941	41.7	"	1670		56.4	16-124				
Acetophenone	1070	41.7	"	1670		64.0	28-105				
Aniline	770	167	"	1670		46.2	10-111				
Anthracene	1020	41.7	"	1670		60.9	24-124				
Anthracene	1020	41.7	"	1670		60.9	24-124				
Atrazine	921	41.7	"	1670		55.3	22-120				
Benzaldehyde	1020	41.7	"	1670		61.4	21-100				
Benzo(a)anthracene	875	41.7	"	1670		52.5	25-134				
Benzo(a)anthracene	875	41.7	"	1670		52.5	25-134				
Benzo(a)pyrene	1090	41.7	"	1670		65.6	29-144				
Benzo(a)pyrene	1090	41.7	"	1670		65.6	29-144				
Benzo(b)fluoranthene	917	41.7	"	1670		55.0	20-151				
Benzo(b)fluoranthene	917	41.7	"	1670		55.0	20-151				
Benzo(g,h,i)perylene	1670	41.7	"	1670		100	10-153				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE60740 - EPA 3550C

LCS (BE60740-BS1)

Prepared & Analyzed: 05/16/2016

Benzo(g,h,i)perylene	1670	41.7	ug/kg wet	1670		100	10-153				
Benzo(k)fluoranthene	933	41.7	"	1670		56.0	10-148				
Benzo(k)fluoranthene	933	41.7	"	1670		56.0	10-148				
Benzoic acid	996	41.7	"	1670		59.8	10-116				
Benzyl alcohol	1110	41.7	"	1670		66.9	17-128				
Benzyl butyl phthalate	930	41.7	"	1670		55.8	10-132				
Bis(2-chloroethoxy)methane	1010	41.7	"	1670		60.8	10-129				
Bis(2-chloroethyl)ether	1020	41.7	"	1670		61.2	14-125				
Bis(2-chloroisopropyl)ether	1140	41.7	"	1670		68.3	14-122				
Bis(2-ethylhexyl)phthalate	968	41.7	"	1670		58.1	10-141				
Caprolactam	1000	83.3	"	1670		60.0	10-123				
Carbazole	1240	41.7	"	1670		74.7	31-120				
Chrysene	969	41.7	"	1670		58.1	24-116				
Chrysene	969	41.7	"	1670		58.1	24-116				
Dibenzo(a,h)anthracene	1560	41.7	"	1670		93.3	17-147				
Dibenzo(a,h)anthracene	1560	41.7	"	1670		93.3	17-147				
Dibenzofuran	963	41.7	"	1670		57.8	23-123				
Diethyl phthalate	949	41.7	"	1670		56.9	23-122				
Dimethyl phthalate	1020	41.7	"	1670		61.2	28-127				
Di-n-butyl phthalate	993	41.7	"	1670		59.6	19-123				
Di-n-octyl phthalate	929	41.7	"	1670		55.8	10-132				
Fluoranthene	1050	41.7	"	1670		62.9	36-125				
Fluoranthene	1050	41.7	"	1670		62.9	36-125				
Fluorene	1040	41.7	"	1670		62.7	16-130				
Fluorene	1040	41.7	"	1670		62.7	16-130				
Hexachlorobenzene	846	41.7	"	1670		50.8	10-129				
Hexachlorobutadiene	791	41.7	"	1670		47.5	22-153				
Hexachlorocyclopentadiene	362	41.7	"	1670		21.7	10-134				
Hexachloroethane	1060	41.7	"	1670		63.3	20-112				
Indeno(1,2,3-cd)pyrene	1470	41.7	"	1670		88.0	10-155				
Indeno(1,2,3-cd)pyrene	1470	41.7	"	1670		88.0	10-155				
Isophorone	952	41.7	"	1670		57.1	14-131				
Naphthalene	974	41.7	"	1670		58.4	20-121				
Naphthalene	974	41.7	"	1670		58.4	20-121				
Nitrobenzene	933	41.7	"	1670		56.0	20-121				
N-Nitrosodimethylamine	1020	41.7	"	1670		61.2	10-124				
N-nitroso-di-n-propylamine	1010	41.7	"	1670		60.9	21-119				
N-Nitrosodiphenylamine	1020	41.7	"	1670		61.4	10-163				
Pentachlorophenol	859	41.7	"	1670		51.6	10-143				
Phenanthrene	1040	41.7	"	1670		62.4	24-123				
Phenanthrene	1040	41.7	"	1670		62.4	24-123				
Phenol	998	41.7	"	1670		59.9	15-123				
Pyrene	944	41.7	"	1670		56.6	24-132				
Pyrene	944	41.7	"	1670		56.6	24-132				
Surrogate: 2-Fluorophenol	1530		"	2510		60.9	20-108				
Surrogate: Phenol-d5	1540		"	2510		61.3	23-114				
Surrogate: Nitrobenzene-d5	934		"	1680		55.7	22-108				
Surrogate: Nitrobenzene-d5	934		"	1680		55.7	22-108				
Surrogate: 2-Fluorobiphenyl	836		"	1670		50.1	21-113				
Surrogate: 2-Fluorobiphenyl	836		"	1670		50.1	21-113				
Surrogate: 2,4,6-Tribromophenol	1270		"	2510		50.7	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE60740 - EPA 3550C

LCS (BE60740-BS1)

Prepared & Analyzed: 05/16/2016

Surrogate: Terphenyl-d14	731		ug/kg wet	1680		43.6	24-116				
Surrogate: Terphenyl-d14	731		"	1680		43.6	24-116				



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

**Batch BE60814 - EPA 3550C**

**Blank (BE60814-BLK1)**

Prepared & Analyzed: 05/17/2016

4,4'-DDD	ND	0.330	ug/kg wet								
4,4'-DDE	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
Aldrin	ND	0.330	"								
alpha-BHC	ND	0.330	"								
alpha-Chlordane	ND	0.330	"								
beta-BHC	ND	0.330	"								
Chlordane, total	ND	13.2	"								
delta-BHC	ND	0.330	"								
Dieldrin	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endrin	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin ketone	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
gamma-Chlordane	ND	0.330	"								
Heptachlor	ND	0.330	"								
Heptachlor epoxide	ND	0.330	"								
Methoxychlor	ND	1.65	"								
Toxaphene	ND	16.7	"								

*Surrogate: Tetrachloro-m-xylene*

70.2  
67.5

"  
"

66.7  
66.7

105  
101

30-140  
30-140

**LCS (BE60814-BS1)**

Prepared & Analyzed: 05/17/2016

4,4'-DDD	40.3	0.330	ug/kg wet	33.3	121	40-140
4,4'-DDE	37.6	0.330	"	33.3	113	40-140
4,4'-DDT	32.2	0.330	"	33.3	96.6	40-140
Aldrin	41.9	0.330	"	33.3	126	40-140
alpha-BHC	43.2	0.330	"	33.3	130	40-140
alpha-Chlordane	40.4	0.330	"	33.3	121	40-140
beta-BHC	41.5	0.330	"	33.3	125	40-140
delta-BHC	42.5	0.330	"	33.3	127	40-140
Dieldrin	41.1	0.330	"	33.3	123	40-140
Endosulfan I	40.0	0.330	"	33.3	120	40-140
Endosulfan II	39.9	0.330	"	33.3	120	40-140
Endosulfan sulfate	26.9	0.330	"	33.3	80.8	40-140
Endrin	36.3	0.330	"	33.3	109	40-140
Endrin aldehyde	33.5	0.330	"	33.3	101	40-140
Endrin ketone	39.4	0.330	"	33.3	118	40-140
gamma-BHC (Lindane)	42.6	0.330	"	33.3	128	40-140
gamma-Chlordane	40.5	0.330	"	33.3	122	40-140
Heptachlor	32.7	0.330	"	33.3	98.0	40-140
Heptachlor epoxide	37.9	0.330	"	33.3	114	40-140
Methoxychlor	31.0	1.65	"	33.3	93.1	40-140

*Surrogate: Tetrachloro-m-xylene*

72.0  
63.8

"  
"

66.7  
66.7

108  
95.7

30-140  
30-140

*Surrogate: Decachlorobiphenyl*



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BE60814 - EPA 3550C**

**LCS Dup (BE60814-BSD1)**

Prepared & Analyzed: 05/17/2016

4,4'-DDD	42.4	0.330	ug/kg wet	33.3		127	40-140		5.10	30	
4,4'-DDE	43.4	0.330	"	33.3		130	40-140		14.2	30	
4,4'-DDT	35.5	0.330	"	33.3		106	40-140		9.64	30	
Aldrin	44.5	0.330	"	33.3		133	40-140		5.88	30	
alpha-BHC	45.8	0.330	"	33.3		137	40-140		5.75	30	
alpha-Chlordane	42.8	0.330	"	33.3		128	40-140		5.77	30	
beta-BHC	44.1	0.330	"	33.3		132	40-140		6.00	30	
delta-BHC	43.6	0.330	"	33.3		131	40-140		2.62	30	
Dieldrin	43.7	0.330	"	33.3		131	40-140		6.14	30	
Endosulfan I	42.5	0.330	"	33.3		127	40-140		5.90	30	
Endosulfan II	42.5	0.330	"	33.3		128	40-140		6.47	30	
Endosulfan sulfate	31.7	0.330	"	33.3		95.0	40-140		16.1	30	
Endrin	38.9	0.330	"	33.3		117	40-140		7.10	30	
Endrin aldehyde	36.5	0.330	"	33.3		110	40-140		8.58	30	
Endrin ketone	40.6	0.330	"	33.3		122	40-140		2.93	30	
gamma-BHC (Lindane)	46.2	0.330	"	33.3		138	40-140		7.91	30	
gamma-Chlordane	43.1	0.330	"	33.3		129	40-140		6.10	30	
Heptachlor	34.8	0.330	"	33.3		104	40-140		6.37	30	
Heptachlor epoxide	40.0	0.330	"	33.3		120	40-140		5.56	30	
Methoxychlor	34.2	1.65	"	33.3		103	40-140		9.81	30	
<i>Surrogate: Tetrachloro-m-xylene</i>	72.5		"	66.7		109	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	66.3		"	66.7		99.5	30-140				

**Batch Y6E1825 - BE60578**

**Performance Mix (Y6E1825-PEM1)**

Prepared & Analyzed: 05/17/2016

4,4'-DDD	1.66		ng/mL	0.00			0-200				
4,4'-DDE	0.324		"	0.00			0-200				
4,4'-DDT	124		"	200		61.8	0-200				
Endrin	84.1		"	100		84.1	0-200				
Endrin aldehyde	1.34		"	0.00			0-200				
Endrin ketone	6.21		"	0.00			0-200				



**Organochlorine Pesticides by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result					Limit			

**Batch Y6E1825 - BE60578**

**Performance Mix (Y6E1825-PEM2)**

Prepared & Analyzed: 05/17/2016

4,4'-DDD	4.00		ng/mL	0.00				0-200					
4,4'-DDE	0.453		"	0.00				0-200					
4,4'-DDT	114		"	200		57.2		0-200					
Endrin	85.0		"	100		85.0		0-200					
Endrin aldehyde	1.45		"	0.00				0-200					
Endrin ketone	8.88		"	0.00				0-200					



**Polychlorinated Biphenyls by GC/ECD - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			
<b>Batch BE60814 - EPA 3550C</b>													
<b>Blank (BE60814-BLK2)</b>											Prepared & Analyzed: 05/17/2016		
Aroclor 1016	ND	0.0167	mg/kg wet										
Aroclor 1221	ND	0.0167	"										
Aroclor 1232	ND	0.0167	"										
Aroclor 1242	ND	0.0167	"										
Aroclor 1248	ND	0.0167	"										
Aroclor 1254	ND	0.0167	"										
Aroclor 1260	ND	0.0167	"										
Total PCBs	ND	0.0167	"										
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0563		"	0.0667		84.5		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0670		"	0.0667		100		30-140					
<b>LCS (BE60814-BS2)</b>											Prepared & Analyzed: 05/17/2016		
Aroclor 1016	0.395	0.0167	mg/kg wet	0.333		119		40-130					
Aroclor 1260	0.400	0.0167	"	0.333		120		40-130					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0630		"	0.0667		94.5		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0713		"	0.0667		107		30-140					
<b>LCS Dup (BE60814-BSD2)</b>											Prepared & Analyzed: 05/17/2016		
Aroclor 1016	0.365	0.0167	mg/kg wet	0.333		110		40-130		7.94		25	
Aroclor 1260	0.360	0.0167	"	0.333		108		40-130		10.5		25	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0587		"	0.0667		88.0		30-140					
<i>Surrogate: Decachlorobiphenyl</i>	0.0663		"	0.0667		99.5		30-140					



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

**Batch BE60697 - EPA 3050B**

**Blank (BE60697-BLK1)**

Prepared & Analyzed: 05/13/2016

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								

**Reference (BE60697-SRM1)**

Prepared & Analyzed: 05/13/2016

Aluminum	8020	5.00	mg/kg wet	8060	99.6	38.9-160
Antimony	90.2	0.500	"	94.0	95.9	22.8-257.5
Arsenic	104	1.00	"	113	92.3	69.7-142.5
Barium	152	1.00	"	155	97.8	72.9-127.1
Beryllium	100	0.100	"	109	92.0	74.7-124.8
Cadmium	62.7	0.300	"	67.5	92.9	73.2-126.8
Calcium	5980	5.00	"	5850	102	73.7-126.5
Chromium	157	0.500	"	164	95.8	70.7-129.9
Cobalt	98.3	0.500	"	100	98.3	74.4-126
Copper	127	0.500	"	128	99.4	75.2-125.8
Iron	15900	2.00	"	15200	105	37.4-162.5
Lead	80.5	0.300	"	90.1	89.3	70.1-129.9
Magnesium	2790	5.00	"	2790	100	65.2-135.1
Manganese	356	0.500	"	363	98.2	75.8-124.5
Nickel	95.9	0.500	"	89.3	107	72-127.7
Potassium	2710	5.00	"	2770	97.7	61.7-138.3
Selenium	145	1.00	"	156	92.8	67.3-132.1
Silver	47.1	0.500	"	52.6	89.6	66.7-133.5
Sodium	732	10.0	"	686	107	55.8-144.2
Thallium	86.1	1.00	"	116	74.2	67.4-131.9
Vanadium	71.2	1.00	"	73.0	97.5	59.7-139.7
Zinc	153	1.00	"	168	91.1	69-131.5



**Mercury by EPA 7000/200 Series Methods - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BE60658 - EPA 7473 soil</b>											
<b>Blank (BE60658-BLK1)</b>											
Prepared & Analyzed: 05/13/2016											
Mercury	ND	0.0300	mg/kg wet								
<b>Reference (BE60658-SRM1)</b>											
Prepared & Analyzed: 05/13/2016											
Mercury	7.2313		mg/kg	5.76		126	71.2-129				



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16E0539-01	2SB-01 0-2	40mL Vial with Stir Bar-Cool 4° C
16E0539-02	2SB-01 10-10.5	40mL Vial with Stir Bar-Cool 4° C
16E0539-03	2SB-01 14-16	40mL Vial with Stir Bar-Cool 4° C
16E0539-04	2SB-02 0-2	40mL Vial with Stir Bar-Cool 4° C
16E0539-05	2SB-02 14-16	40mL Vial with Stir Bar-Cool 4° C
16E0539-06	2SB-03 0-2	40mL Vial with Stir Bar-Cool 4° C
16E0539-07	2SB-03 14-16	40mL Vial with Stir Bar-Cool 4° C



## Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.
QCAL	This analyte is outside calibration QC limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-06	Internal standard perylene-d12 did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference. Compounds affected are: Benzo(g,h,i)perylene, Dibenzo(a,h)anthracene and Indeno(1,2,3-cd)pyrene.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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YORK ANALYTICAL LABORATORIES  
120 RESEARCH DR.  
STRATFORD, CT 06615  
(203) 325-1371  
FAX (203) 357-0166

# Field Chain-of-Custody Record

York Project No. **16E0539**

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.

<b>YOUR Information</b>		<b>Report to:</b>		<b>Invoice To:</b>		<b>Your Project ID</b>		<b>Turn-Around Time</b>		<b>Report/Deliverable Type</b>	
Company: <b>ESI</b>	<input checked="" type="checkbox"/> <b>SAME</b>	Name: <b>Brenda</b>	<input checked="" type="checkbox"/> <b>SAME</b>	Name: <b>Brenda</b>		<b>EB15157A</b>		RUSH-Same Day		Summary Report <b>X</b>	
Address: <b>24 Davis Avenue</b>		Company: <b>Poughkeepsie, NY</b>		Company: <b>Poughkeepsie, NY</b>		<b>Purchase Order #</b>		RUSH-Next Day		QA Report	
Phone.: <b>845-452-1658</b>		Address:		Address:		<b>EB15157A.40</b>		RUSH-Two Day		CT RCP	
Contact: <b>Tyler Goodnough</b>		E-mail:		E-mail:		Samples from <b>CT_NY</b>		RUSH-Three Day		CT RCP DQA/DUE Pkg	
E-mail:								RUSH-Four Day		NY ASP A Package	
								Standard (5-7 day)		NY ASP B Package	
								<b>X</b>		NUDEP Reduced Deliv	

**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.**

*TLA*  
Samples Collected/Authorized By (Signature)  
**Tyler Goodnough**  
Name (printed)

Volatiles	Semi-Vols, Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	8270 or 625	RCA8	TPH GRO	Ph.Poll.
624	STARS list	PP13 list	TPH DRO	TCL Ogates
STARS list	BN Only	TAL	CT, ETPH	TAL, Met/CN
BTEX	Acids Only	CTI.5 list	NY 310-13	Full TCLP
MTBE	PAH list	TA, GM list	TPH 1664	Full App. IX
TCL list	Oxygenates	NI, DEP list	Air TO14A	Part 360-Residue
TA, GM list	TCLP list	CT RCP list	Air TO15	Part 360-Residue for PCBs, PAHs, PCBs
CT RCP list	502.2	NI, DEP list	Air STARS	Part 360-Residue for PCBs, PAHs, PCBs
Atom. only	502.2	NI, DEP list	Air VPH	NYCDEP Sewer
Halogen only	NI, DEP list	App. IX	Air TICs	NYCDEP Sewer
App. IX list	SELP or TCLP	ICLCP BNA	Methane	NYCDEP Sewer
8021B list	SELP or TCLP	608 Pest	Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
2SB-01 0-2	5/10/2016	S	VOCs 8260, SVOCs 8270, Pest/PCBs, TAL metals	1xVOA Kit, 1x8oz jar
2SB-01 10-10.5			VOCs 8260, PAHs, PCBs	
2SB-01 14-16			VOCs 8260, SVOCs 8270, Pest/PCBs, TAL metals	
2SB-02 0-2				
2SB-02 14-16				
2SB-03 0-2				
2SB-03 14-16				

**Comments:**

4°C \_\_\_\_\_ Frozen \_\_\_\_\_ HCl \_\_\_\_\_ HNO<sub>3</sub> \_\_\_\_\_ H<sub>2</sub>O<sub>2</sub> \_\_\_\_\_ MeOH \_\_\_\_\_ NaOH \_\_\_\_\_  
Ascorbic Acid \_\_\_\_\_ Other \_\_\_\_\_

Preservation (check all applicable)  
Special Instructions  
Field Filtered   
Lab to Filter

Samples Relinquished By **Chantel Cleave** 5/12/16 Date/Time  
Samples Relinquished By **J. B. B. B.** 5/12/16-1530 Date/Time

Samples Received in LAB by **Chantel Cleave** 5-12-16 Date/Time  
Samples Received in LAB by **J. B. B. B.** 5/12/16-1530 Date/Time

Temperature on Receipt **4.1** °C



# Technical Report

prepared for:

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
**Attention: Tyler Goodnough**

Report Date: 05/17/2016  
**Client Project ID: EB15157A**  
York Project (SDG) No.: 16E0542

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

Report Date: 05/17/2016  
Client Project ID: EB15157A  
York Project (SDG) No.: 16E0542

**Ecosystems Strategies, Inc.**  
24 Davis Avenue  
Poughkeepsie NY, 12603  
Attention: Tyler Goodnough

## 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 May 12, 2016 and listed below. The project was identified as your project: **EB15157A**.

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>
16E0542-01	2 SV-01	Soil Vapor	05/10/2016	05/12/2016

## General Notes for York Project (SDG) No.: 16E0542

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: 05/17/2016





### Sample Information

**Client Sample ID:** 2 SV-01

**York Sample ID:** 16E0542-01

<u>York Project (SDG) No.</u> 16E0542	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 23:07	LDS
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	18	18	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	9.3	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	17	17	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	18	18	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	9.3	9.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	15	15	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 23:07	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	17	17	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
78-93-3	<b>2-Butanone</b>	<b>250</b>		ug/m <sup>3</sup>	6.8	6.8	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
591-78-6	* <b>2-Hexanone</b>	<b>33</b>		ug/m <sup>3</sup>	19	19	22.9	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 23:07	LDS
107-05-1	3-Chloropropene	ND		ug/m <sup>3</sup>	36	36	22.9	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 23:07	LDS



## Sample Information

**Client Sample ID:** 2 SV-01

**York Sample ID:** 16E0542-01

<u>York Project (SDG) No.</u> 16E0542	<u>Client Project ID</u> EB15157A	<u>Matrix</u> Soil Vapor	<u>Collection Date/Time</u> May 10, 2016 3:00 pm	<u>Date Received</u> 05/12/2016
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**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
67-64-1	Acetone	65		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
107-13-1	Acrylonitrile	ND		ug/m <sup>3</sup>	5.0	5.0	22.9	EPA TO-15 Certifications: NELAC-NY10854	05/16/2016 10:29	05/16/2016 23:07	LDS
71-43-2	Benzene	ND		ug/m <sup>3</sup>	7.3	7.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	12	12	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	15	15	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	24	24	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	8.9	8.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-15-0	Carbon disulfide	ND		ug/m <sup>3</sup>	7.1	7.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
56-23-5	Carbon tetrachloride	ND		ug/m <sup>3</sup>	3.6	3.6	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	6.0	6.0	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
67-66-3	Chloroform	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	4.7	4.7	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
110-82-7	Cyclohexane	ND		ug/m <sup>3</sup>	7.9	7.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	20	20	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
141-78-6	* Ethyl acetate	ND		ug/m <sup>3</sup>	17	17	22.9	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 23:07	LDS
100-41-4	Ethyl Benzene	ND		ug/m <sup>3</sup>	9.9	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	24	24	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS



### Sample Information

**Client Sample ID:** 2 SV-01

**York Sample ID:** 16E0542-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

16E0542

EB15157A

Soil Vapor

May 10, 2016 3:00 pm

05/12/2016

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	8.3	8.3	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-09-2	Methylene chloride	ND		ug/m <sup>3</sup>	16	16	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
142-82-5	n-Heptane	ND		ug/m <sup>3</sup>	9.4	9.4	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
110-54-3	<b>n-Hexane</b>	<b>10</b>		ug/m <sup>3</sup>	8.1	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
95-47-6	o-Xylene	ND		ug/m <sup>3</sup>	9.9	9.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m <sup>3</sup>	20	20	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m <sup>3</sup>	11	11	22.9	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 23:07	LDS
115-07-1	<b>* Propylene</b>	<b>230</b>		ug/m <sup>3</sup>	3.9	3.9	22.9	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 23:07	LDS
100-42-5	Styrene	ND		ug/m <sup>3</sup>	9.8	9.8	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
127-18-4	<b>Tetrachloroethylene</b>	<b>31</b>		ug/m <sup>3</sup>	3.9	3.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m <sup>3</sup>	14	14	22.9	EPA TO-15 Certifications:	05/16/2016 10:29	05/16/2016 23:07	LDS
108-88-3	Toluene	ND		ug/m <sup>3</sup>	8.6	8.6	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	9.1	9.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
79-01-6	Trichloroethylene	ND		ug/m <sup>3</sup>	3.1	3.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m <sup>3</sup>	13	13	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	8.1	8.1	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
593-60-2	Vinyl bromide	ND		ug/m <sup>3</sup>	10	10	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	5.9	5.9	22.9	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	05/16/2016 10:29	05/16/2016 23:07	LDS
	<b>Surrogate Recoveries</b>	<b>Result</b>						<b>Acceptance Range</b>			
460-00-4	Surrogate: p-Bromofluorobenzene	98.5 %						72-118			



## Analytical Batch Summary

**Batch ID:** BE60757

**Preparation Method:** EPA TO15 PREP

**Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16E0542-01	2 SV-01	05/16/16
BE60757-BLK1	Blank	05/16/16
BE60757-BS1	LCS	05/16/16



**Volatile Organic Compounds in Air by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BE60757 - EPA TO15 PREP**

**Blank (BE60757-BLK1)**

Prepared & Analyzed: 05/16/2016

1,1,1,2-Tetrachloroethane	ND	0.69	ug/m <sup>3</sup>								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								



**Volatile Organic Compounds in Air by GC/MS - Quality Control Data**

**York Analytical Laboratories, Inc.**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								RPD	

**Batch BE60757 - EPA TO15 PREP**

**Blank (BE60757-BLK1)**

Prepared & Analyzed: 05/16/2016

o-Xylene	ND	0.43	ug/m <sup>3</sup>								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								

<i>Surrogate: p-Bromofluorobenzene</i>	<i>9.58</i>		<i>ppbv</i>	<i>10.0</i>		<i>95.8</i>	<i>72-118</i>				
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**LCS (BE60757-BS1)**

Prepared & Analyzed: 05/16/2016

1,1,1,2-Tetrachloroethane	12.3		ppbv	10.0		123	82-126				
1,1,1-Trichloroethane	11.9		"	10.0		119	70-130				
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130				
1,1,2-Trichloroethane	11.5		"	10.0		115	70-130				
1,1-Dichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethylene	11.9		"	10.0		119	70-130				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70-130				
1,2,4-Trimethylbenzene	13.2		"	10.0		132	70-130	High Bias			
1,2-Dibromoethane	12.3		"	10.0		123	70-130				
1,2-Dichlorobenzene	12.7		"	10.0		127	70-130				
1,2-Dichloroethane	11.6		"	10.0		116	70-130				
1,2-Dichloropropane	11.8		"	10.0		118	70-130				
1,2-Dichlorotetrafluoroethane	11.7		"	10.0		117	70-130				
1,3,5-Trimethylbenzene	12.7		"	10.0		127	70-130				
1,3-Butadiene	11.3		"	10.0		113	70-130				
1,3-Dichlorobenzene	12.6		"	10.0		126	70-130				
1,3-Dichloropropane	11.9		"	10.0		119	70-130				
1,4-Dichlorobenzene	13.1		"	10.0		131	70-130	High Bias			
1,4-Dioxane	18.2		"	10.0		182	70-130	High Bias			
2-Butanone	12.0		"	10.0		120	70-130				
2-Hexanone	12.5		"	10.0		125	70-130				
3-Chloropropene	12.4		"	10.0		124	70-130				
4-Methyl-2-pentanone	14.8		"	10.0		148	70-130	High Bias			
Acetone	10.0		"	10.0		100	70-130				
Acrylonitrile	11.9		"	10.0		119	70-130				
Benzene	11.4		"	10.0		114	70-130				
Benzyl chloride	10.4		"	10.0		104	70-130				
Bromodichloromethane	12.3		"	10.0		123	70-130				
Bromoform	12.6		"	10.0		126	70-130				
Bromomethane	10.6		"	10.0		106	70-130				
Carbon disulfide	11.8		"	10.0		118	70-130				
Carbon tetrachloride	12.2		"	10.0		122	70-130				
Chlorobenzene	11.3		"	10.0		113	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE60757 - EPA TO15 PREP

LCS (BE60757-BS1)

Prepared & Analyzed: 05/16/2016

Chloroethane	19.8		ppbv	10.0		198	70-130	High Bias			
Chloroform	11.3		"	10.0		113	70-130				
Chloromethane	11.2		"	10.0		112	70-130				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	70-130				
cis-1,3-Dichloropropylene	13.0		"	10.0		130	70-130				
Cyclohexane	12.4		"	10.0		124	70-130				
Dibromochloromethane	12.8		"	10.0		128	70-130				
Dichlorodifluoromethane	11.8		"	10.0		118	70-130				
Ethyl acetate	11.9		"	10.0		119	70-130				
Ethyl Benzene	12.2		"	10.0		122	70-130				
Hexachlorobutadiene	13.3		"	10.0		133	70-130	High Bias			
Isopropanol	11.6		"	10.0		116	70-130				
Methyl Methacrylate	13.1		"	10.0		131	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	12.7		"	10.0		127	70-130				
Methylene chloride	10.2		"	10.0		102	70-130				
n-Heptane	13.0		"	10.0		130	70-130				
n-Hexane	11.5		"	10.0		115	70-130				
o-Xylene	13.5		"	10.0		135	70-130	High Bias			
p- & m- Xylenes	25.0		"	20.0		125	70-130				
p-Ethyltoluene	13.1		"	10.0		131	70-130	High Bias			
Propylene	11.1		"	10.0		111	70-130				
Styrene	12.5		"	10.0		125	70-130				
Tetrachloroethylene	11.5		"	10.0		115	70-130				
Tetrahydrofuran	12.0		"	10.0		120	70-130				
Toluene	11.8		"	10.0		118	70-130				
trans-1,2-Dichloroethylene	11.7		"	10.0		117	70-130				
trans-1,3-Dichloropropylene	13.3		"	10.0		133	70-130	High Bias			
Trichloroethylene	11.9		"	10.0		119	70-130				
Trichlorofluoromethane (Freon 11)	11.7		"	10.0		117	70-130				
Vinyl acetate	12.8		"	10.0		128	70-130				
Vinyl bromide	11.8		"	10.0		118	70-130				
Vinyl Chloride	11.7		"	10.0		117	70-130				
Surrogate: p-Bromofluorobenzene	10.4		"	10.0		104	72-118				



## Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

CCV-A The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to detected analytes only.

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\* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

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 LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



# 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. 16E0542

<b>YOUR Information</b> Company: <u>ESI</u> Address: <u>24 Davis Avenue</u> <u>Poughkeepsie NY</u> Phone No. <u>845-453-1658</u> Contact Person: <u>Tyler Goodnough</u> E-Mail Address: _____		<b>Report To:</b> Company: _____ Address: _____ Phone No. _____ Attention: <u>Tyler</u> E-Mail Address: _____		<b>Invoice To:</b> Company: _____ Address: _____ Phone No. _____ Attention: <u>Brenda</u> E-Mail Address: _____		<b>YOUR Project ID</b> <u>EB15157A</u> <b>Purchase Order No.</b> <u>EB15157A.10</u> Samples from: CT ___ NY <input checked="" type="checkbox"/> NJ ___		<b>Turn-Around Time</b> 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(S-7 Days) <input checked="" type="checkbox"/>		<b>Report Type/Deliverables</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA summary _____ CT RCP Package _____ NY ASP A Package _____ NY ASP B/CLP Pkg _____ NJDEP Reduced _____ Electronic Deliverables: EDD (Specify Type) _____ Standard Excel _____ Regulatory Comparison Excel _____	
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**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.**

Air Matrix Codes AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AE - Vapor Extraction Well/ Process Gas Effluent AS - SOIL Vapor/Sub-Slab		TO15 Volatiles and Other Gas Analyses EPA TO-15 List NYSDEC VI list Tentatively Identified Compounds		Detection Limits Required ≤ 1 µg/m <sup>3</sup> NYSDEC VI Limits <input checked="" type="checkbox"/> (V = vapor, not liquid) NJDEP low level _____ Routine Survey _____ Other _____	
Samples Collected/Authorized By (Signature)  Tyler Goodnough Name (printed)		Project Specific List by TO-15 Helium Methane OTHER _____		Special Instructions	

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analytes Needed from the Menu Above and Enter Below	Sampling Media
2 SV-01	5/10/16	AS	29.5	5	TO-15	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
						6 Liter Summa canister Tedlar Bag
						6 Liter Summa canister Tedlar Bag

**Comments**

Antire Crane 5/12/16  
 Samples Relinquished By \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Samples Relinquished in LAB by \_\_\_\_\_ Date/Time \_\_\_\_\_

Antire 5-12-16 11:50  
 Samples Received By \_\_\_\_\_ Date/Time \_\_\_\_\_  
Antire 5-12-16 1530  
 Samples Received in LAB by \_\_\_\_\_ Date/Time \_\_\_\_\_